



# GOA UNIVERSITY



# XXXVIII ANNUAL REPORT 2022-2023

**GOA UNIVERSITY**  
**TALEIGAO PLATEAU**  
**GOA 403 206**



**XXXVIII ANNUAL REPORT**  
**(June 2022 –May 2023)**

**CHANCELLOR**

**Shri P. S. Sreedharan Pillai**  
(15 July 2021- incumbent)

# **VICE-CHANCELLOR**

**Prof. Harilal B. Menon**  
(3 September 2021 – incumbent)

# **REGISTRAR**

**Prof. Vishnu S. Nadkarni**  
(November 2021 – incumbent)

## **Executive Summary of the Annual Report 2022-2023**

The Annual Report for the period June 2022- May 2023 is split into an introduction section followed by 7 parts.

Part 1 lists the University Authorities and Bodies, including the Executive Council, the University Court, the Academic Council, the Planning Board, the Finance Committee, in addition to the Deans of Schools, the Officers of the University and the details pertaining to meetings of University Authorities and Bodies.

Part 2 includes the details of the University Schools, Centres and various Programmes offered. The Schools covered include the Shenoji Goembab School of Languages and Literature (SGSLL), D.D. Kosambi School of Social Sciences and Behavioural Studies (DDKSSSBS), School of Sanskrit Philosophy and Indic Studies (SSPIS), School of International and Area Studies (SIAS), Manohar Parrikar School of Law, Governance and Public Policy, School of Biological Sciences and Biotechnology (SBSB), School of Physical and Applied Sciences (SPAS), School of Chemical Sciences (SCS), Goa Business School (GBS), School of Earth, Ocean and Atmospheric Sciences (SEOAS) and the Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP).

Part 3 comprises of various Directorates constituted by Goa University, viz. the Directorates of Research Development & Resources Mobilization (DRDRM), Extra Mural Studies and Extension Services (DEMS & ES), Digital Learning & Initiatives (DDLI), Visiting Chair Research Professors Programme (VRPP), All India Survey on Higher Education, Students Welfare and Cultural Affairs (DSW), Internships, Incubation and Industry Partnership (DIIP), Student Placement and Alumni Relations (DSPAR), International Cooperation and Exchange (DICE), Rashtriya Uchattar Shiksha Abhiyaan (DRUSA), Foreign Students (DFS), Internal Quality Assurance (DIQA), Unnat Bharat Abhiyaan (DUBA) and Equal Opportunities (DEO).

Part 4 consists of the Facilities and Innovative Programmes involving Computer Centre, Library, Sports, UGC Human Resource Development Centre, Hostels, Health Centre, Estate Division, Workstation for Microdata from Census, University Science and Instrumentation Centre, Remote Sensing Laboratory, Day Care Centre, Guest Houses and Study India Programme

Part 5 is about the Affiliated Colleges and Recognized Institutions (General Education Colleges, Professional Colleges and Recognized Institutions).

Part 6 gives the list of Ph.D. Awardees.

Part 7 shows the Major highlights and Achievements of Goa University.

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## INTRODUCTION

Since its establishment in 1985, Goa University has followed a trajectory of consistent and sustained growth. In terms of its infrastructure, Schools, Departments, new courses and Programmes, number of connected Colleges, and recognized Institutions, the University has grown tremendously. Goa University has demonstrated outstanding adaptability over the past years and the commitment to the academic excellence is reflected in the accomplishments of students, faculties, and staff.

The total faculty strength of Goa University is 205. This includes 09 Senior Professors, 28 Professors, 17 Associate Professors, and 151 Assistant Professors.

The Annual Report portrays the wide spectrum of various academic and co-curricular activities at the University and the affiliated Colleges/Institutions. The vibrant academic environment in the University Campus viz., the research projects, research publications, participation and conducting the International Seminars and Workshops, special achievements including awards and honours are highlighted. The Annual Report also provides highlights of the activities and achievements of the affiliated Colleges/Institutions to its readers.

As we reflect on the achievements of the past year, we also look forward with optimism and determination. We will continue to adapt and innovate to provide the best facility and education to the students.

We thank our honorable Vice-Chancellor **Prof. Harilal B. Menon** for his constant support and encouragement in bringing out this report. We are thankful to the Deans of the Schools, Heads of the Departments, Centres of the University and Principals of the Affiliated Colleges for providing the Committee with the information included in this report. We thank the stakeholders of the University for the Shared Success.

The Committee constituted by the Vice-Chancellor to finalise the Annual Report (June 2022-May 2023):

**Dr. Sandesh B. Dessai**, Chairperson  
**Dr. Digamber G. Porob**, Member  
**Ms. Poorwa Naik**, Member  
**Shri Shashikant Morajkar**, Member  
**Shri Sanket Gaude**, Member  
**Shri Nandkishor K. Bandekar**, Member Secretary

**Dr. Sandesh B Dessai**  
Chairperson  
Annual Report 2022-2023

PART 1  
UNIVERSITY AUTHORITIES AND  
BODIES

## 1.1 MEMBERS OF THE EXECUTIVE COUNCIL

### Chairperson

- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio)

### Nominees of the Chancellor

- Dr. Unnikrishnan. S., Assistant Professor, Malayalam Zamorin's Guruvayurappan College, Kozhikode, Kerala-673014.
- Dr. Aparna Devdatta Patil, C/o Sri Hemant Prabhudesai, H. No. 259, Ghatiwada, Rivona, Goa-403705.
- Prof. Datta B. Naik, Retired Principal, C/o 'GIRIJA', 909, Pundalik Nagar, P.O. Alto-Porvorim, Goa-403521.
- Shri Arjun Chowgule, Executive Director, Chief Financial Officer, Chowgule and Company Private Ltd.,
- Chowgule House Mormugao Harbour, Goa-403803.
- Dr. Suhas Pednekar, Former Vice-Chancellor, Mumbai University, C/o A-802, Gundecha Heights, Opp. St. Xavier's High School, L. B. S. Road, Kanjurmarg (W), Mumbai-400078.

### Nominees of the State Government

- Shri Shrinivas Vasudeva Sinai Dempo, Dempo House, Campal, Panaji-Goa.
- Shri Sudin Naik, President of Samaj Seva Samiti, R/o Comba, Margao-Goa 403601.
- Dr. Ajit Parulekar, Director, Goa Institute of Management, Poriem, Sattari, Goa 403505.
- Dr. Ganesh Gaonkar, Chairman, Goa Tourism Development Corporation Ltd., Paryatan Bhavan, 3<sup>rd</sup> Floor, Patto, Panaji-Goa.

### Ex-officio Members

- The Secretary (Education), Government of Goa, Secretariat, Porvorim, Goa.
- The Secretary (Finance), Government of Goa, Secretariat, Porvorim, Goa.

### Nominees of the Vice-Chancellor

- Prof. Savita S. Kerkar, Dean, School of Biological Sciences & Biotechnology, Goa University.
- Prof. Gopal Krishna Rao, Dean, Faculty of Pharmacy, Goa College of Pharmacy, Panaji, Goa.
- Dr. Anura Prashant Bale, Principal, Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda-Goa.
- Prof. S. Krishnan, School of Biological Sciences & Biotechnology, Goa University.

### Member Secretary (Ex-officio)

- Prof. V. S. Nadkarni, Registrar, Goa University (Ex-officio)

## 1.2 MEMBERS OF THE UNIVERSITY COURT

### Chairperson

- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio)

### Nominees of the Executive Council

#### Deans of Faculties / Schools

- Prof. K. Sripad Bhat, Dean, Shenoi Goembab School of Languages & Literature, Goa University.
- Prof. Ganesha Somayaji, Dean, D.D. Kosambi School of Social Sciences & Behavioural Studies, Goa University.
- Late. Prof. Aparajita Gangopadhyay, Dean, School of International and Area Studies, Goa University.
- Prof. Anuradha Wagle, Dean, Shenoi Goembab School of Languages and Literature, Goa University.
- Prof. Shaila Desouza, Dean, Manohar Parrikar School of Law, Governance & Public Policy, Goa University.
- Prof. Jyoti D. Pawar, Dean, Goa Business School, Goa University.
- Prof. Shivanand Bandekar, Dean, Faculty of Medicine.

#### University Professors

- Prof. Purva G. Hegde Desai, Goa Business School, Goa University.
- Prof. K.B. Subhash, Goa Business School, Goa University.
- Prof. Sandeep Garg, School of Biological Sciences & Biotechnology, Goa University.
- Prof. Nagendra Rao, DD Kosambi School of Social Sciences & Behavioural Studies, Goa University.
- Prof. Anuradha Wagle, Shenoi Goembab School of Languages & Literature, Goa University.

#### Principals of Affiliated Colleges

- Prof. Vrinda Borker, Dhempe College of Arts & Science, Miramar, Panaji.
- Prof. Vikas Pissurlekar, P. E. S's College of Arts & Science, Farmagudi, Ponda.
- Prof. Savio da Piedade Falleiro, Fr. Agnel College of Arts & Commerce, Pilar.
- Prof. Bhushan Bhave, Vidya Prabodhini College of Commerce, Education, Computer & Management, Porvorim.
- Shri. S. T. Vinod Kumar, Kamaxidevi College of Culinary Arts, Salcete.

#### Elected Members

- Mrs. Anju Prajal Sakhardande, D.C.T.'s Dhempe College of Arts & Science, Miramar, Panaji, Goa.
- Dr. Karuna Singh, D.C.T.'s Dhempe College of Arts & Science, Miramar, Panaji, Goa.
- Shri Suhas Gaonkar, Goa College of Architecture, Altinho, Panaji, Goa.

- Dr. Cosma Fernandes, MES College of Arts & Commerce, Zuarinagar, Goa.
- Prof. Dr. J. G. R. Monteiro, P.E.S's R.S.N College of Arts & Science, Farmagudi, Ponda, Goa.
- Dr. Vanita Patil, Govt. College of Arts, Science & Commerce, Sanquelim, Goa.
- Dr. Hari K. Kadam, School of Chemical Sciences, Goa University.
- Shri Chinmay Madhu Ghaisas, Shenoi Goembab School of Languages & Literature, Goa University.
- Ms. Priyanka Naik, Goa Business School, Goa University.

#### **Nominees of the Executive Council**

- Chairperson, Vidya Vikas Mandal, Shree Damodar Educational Complex, Tansor, Comba, Margao, Goa-403601.
- Chairperson, Ponda Education Society, Farmagudi, Ponda, Goa.

#### **Ex-Officio Members**

- Chairperson, Goa University Student's Council, Goa University.
- Chairperson, Post-Graduate Students Union, Goa University.

#### **Nominees of the Chancellor**

- Shri Jaijo Joseph, A-1, 502, Purva Atria, Ashwathnagar, RMV 2<sup>nd</sup> Stage, Bengaluru, Karnataka-560094.
- Advocate J.R. Padmakumar, "Jagatham" KRA 152; TC2/1194(5), Kedaram nagar, Murinjapalam, Pattom, (PO) Thiruvananthapuram, Kerala - 695004.
- Prof. Shriniwas D. Samant, Emeritus Professor, UM-DAE Centre for Excellence in Basic Sciences, University of Mumbai. 1305, Saptashree Heights, Near TMC Mini Sports Complex, Dhokali Naka, Kolshet Road, Thane (West), Maharashtra 400607.
- Shri T. Satisan, 'Ganga', T. R.A.-44, Talappilli Medical Centre Road, Vennala P.O., Kochi - 682028.

#### **Nominees of the State Government – NIL**

#### **Representative of Non-Teaching Staff**

- Shri Ashwin Lawande, Assistant Registrar (PG)

#### **Member Secretary (Ex-officio)**

- Prof. V. S. Nadkarni, Registrar, Goa University (Ex-officio)

### **1.3 MEMBERS OF THE ACADEMIC COUNCIL**

#### **Chairperson**

- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio)

### **Deans of Faculties / Schools**

- Dean, Sheno Goembab School of Languages & Literature, Goa University
- Dean, Faculty of Performing, Fine Art & Music, Goa University
- Dean, D. D. Kosambi School of Social Sciences & Behavioural Studies, Goa University
- Dean, Faculty of Medicine, Goa University
- Dean, Faculty of Engineering, Goa University
- Dean, School of Biological Sciences & Biotechnology, Goa University
- Dean, Faculty of Planning, Architecture & Design, Goa University
- Dean, Faculty of Pharmacy, Goa University
- Dean, School of Sanskrit, Philosophy & Indic Studies, Goa University
- Dean, School of Earth Ocean & Atmospheric Sciences, Goa University
- Dean, Goa Business School, Goa University
- Dean, School of Chemical Sciences, Goa University
- Dean, School of International and Area Studies, Goa University
- Dean, Manohar Parrikar School of Law, Governance & Public Policy, Goa University
- Dean, School of Physical and Applied Sciences, Goa University

### **University Professors**

- Prof. Vrushali Mandrekar, Sheno Goembab School of Languages & Literature, Goa University.
- Prof. Sanjyot D. Pai Vernekar, School of Sanskrit, Philosophy & Indic Studies, Goa University.
- Prof. Purva G. Hegde Desai, Goa Business School, Goa University.
- Prof. Sanjeev C. Ghadi, School of Biological Sciences & Biotechnology, Goa University.
- Prof. Vishnu Murty Matta, School of Earth Ocean & Atmospheric Sciences, Goa University.

### **Principals of Affiliated Colleges**

- Dr. Shashank Maktedar, Goa College of Music, Altinho, Panaji.
- Dr. Ida de Ataide Noronha, Goa Dental College & Hospital, Bambolim.
- Dr. Maria A. A. R. Fonseca, St Joseph Vaz College, Cortalim, Mormagao.
- Dr. Mahesh Parappagoudar, Padre Conceicao College of Engineering, Verna.
- Dr. Purnakala Samant, Govt. College of Arts, Science & Commerce, Khandola, Marcela.
- Dr. (CA) Subramanya Bhat, Swami Vivekanand Vidyaprasarak Mandal's College of Commerce, Borim, Ponda.
- Dr. Anura Prashant Bale, Gomantak Ayurveda Mahavidyalaya & Research Centre, Shiroda, Goa.
- Dr. Filipe Rodrigues e Melo, Sant Sohironath Ambiy Govt. College of Arts & Commerce, Virnoda, Pernem.
- Prof. Tushar S. Anvekar, Mandre College of Commerce, Economics & Management, Mandre, Pernem.

### **University Teachers**

- Mr. Parag D. Parobo, DD Kosambi School of Social Sciences & Behavioural Studies, Goa University
- Dr. Bidhan Audumbhar Shikre, School of Chemical Sciences, Goa University.
- Dr. Jivan Parab, School of Physical & Applied Sciences, Goa University.
- Dr. Priya D'costa, School of Earth Ocean & Atmospheric Sciences, Goa University.
- Mr. Dhruv Sudin Usgaonkar, Shenoj Goembab School of Languages & Literature, Goa University.

### **Representatives of the SC/ST Category**

- Ms. Soniya Sitaram Gadkar, Shenoj Goembab School of Languages & Literature, Goa University.

### **Elected Members**

- Mrs. Manjiri Milind Barve, Dhempe College of Arts & Science, Miramar, Panaji, Goa.
- Mr. Edwin Cortez, Dhempe College of Arts & Science, Miramar, Panaji, Goa.
- Mr. Roy C. D'Souza, Goa College of Architecture, Altinho, Panaji, Goa.
- Dr. James Samuel, Goa Dental College & Hospital, Bambolim, Goa.
- Mr. Mrunal A. Parsekar, Carmel College of Arts, Science & Commerce for Women, Nuvem, Goa.
- Dr. Juao Costa, Rosary College of Commerce & Arts, Navelim, Goa.
- Dr. (Mrs.) Padmaja V. Kamat, P.E.S's R.S.N College of Arts & Science, Farmagudi, Ponda, Goa.
- Dr. Pravina Kerkar, Govt. College of Arts, Science & Commerce, Khandola, Marcel, Goa.
- Mr. Kunal Borkar, Swami Vivekanand Vidyaprasarak Mandal's College of Commerce, Shirshire, Borim, Ponda, Goa.
- Dr. Sandesh Savant, Shree Mallikarjun & Shri Chetan Manju Desai College, Delem, Canacona, Goa.
- Dr. Balakrishnan C. Nair, St. Xavier's College of Arts, Science & Commerce, Mapusa, Goa.
- Dr. Vanita Patil, Govt. College of Arts, Science & Commerce, Sanquelim, Goa.
- Dr. M. Shanthi, Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez, Goa.

### **Nominees of the Chancellor**

- Shri Damodar Mauzo, Jnanpith Awardee winner, Konkani Writer, Majorda, Goa.
- Shri Brahmanand Shankwalkar, Chairman, Goa Football Development Council, Bambolim Athletic Stadium, Goa.
- Dr. V. P. Venugopalan, Former Director, Bioscience Group (BARC), Raja Ramanna Fellow, BARC
- Chairman, Atomic Energy Education Society.

- Dr. Ravindra Kulkarni, Pro Vice-Chancellor, University of Mumbai & Senior Professor of Oil Tech, Institute of Chemical Technology, Mumbai.
- Dr. Prakash Chauhan, Director, National Remote Sensing Centre, Hyderabad.

#### **Members**

- Director, National Institute of Oceanography, Dona Paula, Goa (Ex-officio)
- Chairman, Goa Board of Secondary & Higher Secondary Examination, Porvorim, Goa (Ex-officio)
- Controller of Examinations, Goa University (Ex-officio)
- Librarian, Goa University (Ex-officio)
- Director, Directorate of Internal Quality Assurance, Goa University (Ex-officio)
- President, Goa University Student's Council, Goa University.
- President, Post-Graduate Students Union, Goa University.
- Registrar, Goa University (Ex-officio)

### **1.4 MEMBERS OF THE PLANNING BOARD**

#### **Chairperson**

- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio)

#### **Nominees of the Executive Council**

- Prof. H. Venkateshwarlu, Vice Chancellor, Central University of Kerala, Tejaswini Hills, Periyar (PO), Kasaragod (DT), Kerala – 671316.
- Prof. Vidhyadatta M. Shet Verenkar, Dean, School of Chemical Sciences, Goa University.
- Shri. Prakash Shankar Velip, 479-35D, Saraswati Niwas, Hegde Desai Marg, Quepem-Goa.

#### **Nominees of the Vice-Chancellor**

- Dr. Ajit Parulekar, Member, Executive Council.
- Prof. Sanjeev C. Ghadi, Member, Academic Council.
- Prof. Dilip B. Arolkar, Principal, Dnyanprassarak Mandal's College & Research Centre, Assagao-Goa.

#### **Nominee of the Chancellor**

- Dr. Abdul Salam, Former Vice-Chancellor, University of Calicut, Calicut University PO, Malappuram - 673635.

#### **Nominee of the University Grants Commission**

- Prof. Ravikesh, Registrar, Jawaharlal Nehru University, New Delhi-110067.

#### **Member Secretary (Ex-officio)**

- Prof. V. S. Nadkarni, Registrar, Goa University (Ex-officio)



## 1.5 MEMBERS OF THE FINANCE COMMITTEE

### Chairperson

- Prof. Harilal B. Menon, Vice-Chancellor (Ex-Officio)

### Nominee of the Chancellor

- Dr. J. Prameela Devi, Former Associate Professor at English, Sree Vidyadhi Raja NSS College, Theerthapadapuram, P.O. Vazhoor Kottayam District, Kerala – 686505.

### Nominees of the Executive Council

- Shri Sudin Naik, President of Samaj Seva Samiti, R/o Comba, Margao, Goa - 403601.
- CA Yatish Vernekar, Vernekar & Co., Chartered Accountants, 415, Kamath Towers, Panjim, Goa-403001.

### Members

- Registrar, Goa University (Ex-Officio)
- Secretary (Higher Education), Government of Goa, Secretariat, Porvorim, Goa (Ex-officio)
- Secretary (Finance), Government of Goa, Secretariat, Porvorim, Goa (Ex-officio)
- Dean, Goa Business School, Goa University (Ex-officio)
- Finance Officer, Goa University, Member Secretary (Ex-officio)

## 1.6 DEANS OF FACULTIES/SCHOOLS

### DEANS OF SCHOOLS ON CAMPUS FROM JUNE 2021 TO MAY 2022

| Sr. No. | Name of Dean                 | School  | Dean term up to   |
|---------|------------------------------|---|---|
| 1.      | Prof. Anuradha Wagle         | Shenoi Goembab School of Languages & Literature             | 01/03/2023 to 28/02/2026  |
| 2.      | Prof. K. S. Bhat             | Shenoi Goembab School of Languages & Literature             | 01/10/2021 to 28/02/2023  |
| 3.      | Prof. Ganesh Somayaji        | D D Kosambi School of Social Sciences & Behavioural Studies | 27/05/2022 to 26/05/2025  |
| 4.      | Prof. Savita Kerkar          | School of Biological Sciences & Biotechnology               | 27/05/2022 for period of three years or until her superannuation whichever is earlier |
| 4.      | Senior Prof. B. F. Rodrigues | School of Biological Sciences & Biotechnology               | 01/08/2023 for a period of three years or until his superannuation                    |

|     |                            |  |  |
|-----|----------------------------|--|--|
| 5.  | Prof. Koshy Tharakan       | School of Sanskrit, Philosophy & Indic Studies             | 29/10/2021 for a period of three years                             |
| 6.  | Senior Prof. C.U. Rivonker | School of Earth, Ocean & Atmospheric Sciences              | 06/09/2021 for a period of three years or until his superannuation |
| 7.  | Prof. M. S. Dayanand       | Goa Business School  | 01/10/2020 to 14/07/2022   |
| 8.  | Prof. Jyoti D. Pawar       | Goa Business School  | 15/07/2022 to 26/05/2025   |
| 9.  | Prof. Vidhyadatta Verenkar | School of Chemical Sciences                                | 11/11/2021 to 10/11/2024   |
| 10. | Prof. Ganesh Somayaji      | School of International and Area Studies                   | 17/05/2023 to 16/05/2026   |
| 11. | Prof. Shaila Desouza       | Manohar Parrikar School of Law, Governance & Public Policy | 21/01/2021 to 03/07/2023   |
| 12. | Prof. Kaustubh Priolkar    | School of Physical & Applied Sciences                      | 15/12/2020 to 14/12/2023   |

## 1.7 OFFICERS OF THE UNIVERSITY

| Sr. No. | Name                                  | Designation                                       |
|---------|---------------------------------------|---|
| 1       | Prof. H. B. Menon                     | Vice-Chancellor                                   |
| 2       | Prof. V. S. Nadkarni                  | Registrar   |
| 3       | Dr. Vanita Patil Gaude                | Finance Officer                                   |
| 4       | Shri M. Shreedhara                    | Joint Registrar                                   |
| 5       | Shri Donald A. E. Rodrigues           | Joint Registrar                                   |
| 6       | Shri Ashok M. Chodankar               | Controller of Examinations                        |
| 7       | Shri V. L. Sawkar                     | University Engineer                               |
| 8       | Shri Sanjay Bhandodkar                | Head of Computer Centre                           |
| 9       | Dr. Sandesh Bhiku Dessai              | Librarian   |
| 10      | Shri Satyawan L. Talwadkar            | Deputy Registrar (Finance) on Deputation          |
| 11      | Shri Balachandra B. Jadar             | Assistant Director of Physical Education & Sports |
| 12      | Shri Anselmo A.T.H. Rosa              | System Analyst                                    |
| 13      | Shri Damodar Manjrekar                | System Analyst                                    |
| 14      | Shri Sangam Sadanand Sinai Talaulikar | Executive Engineer                                |
| 15      | Smt. Bertha T. A. D'Mello e Daniel    | Assistant Registrar                               |

|    |                                   |                                  |
|----|-----------------------------------|----------------------------------|
| 16 | Smt. Sandhya S. S. Neurekar       | Assistant Registrar              |
| 17 | Shri Amey V. Verenkar             | Assistant Registrar              |
| 18 | Ms. Qubilah D'Souza               | Assistant Registrar              |
| 19 | Ms. Kirti Kankonkar               | Assistant Registrar              |
| 20 | Shri Ashwin Vyas Lawande          | Assistant Registrar              |
| 21 | Smt. Teja Shirodkar               | Assistant Registrar              |
| 22 | Shri Milind M. Shivolkar          | Assistant Registrar              |
| 23 | Smt. Anne J. Gonsalves e Carneiro | Assistant Registrar              |
| 24 | Smt. Maria Fatima Noronha         | Assistant Registrar              |
| 25 | Smt. Sunanda U. Sawant            | Assistant Registrar              |
| 26 | Shri Kunal V. Naik                | Assistant Registrar              |
| 27 | Shri Sachin G. Sinai Narvekar     | Assistant Engineer               |
| 28 | Shri Shailesh U. Kamat            | Assistant Engineer               |
| 29 | Shri Krishnaprasad M. Naik        | Assistant Engineer               |
| 30 | Shri Sachin K. Sambhaji           | Assistant Director (Engineering) |
| 31 | Shri Sachin K. Patil              | Assistant Director (Engineering) |
| 32 | Dr. Amavel Pereira                | Medical Officer                  |
| 33 | Shri Abhijit Karpe                | Programmer                       |
| 34 | Shri Madhusudan Lanjewar          | Technical Officer - I            |
| 35 | Shri Nandkishor K. Bandekar       | Assistant Librarian              |
| 36 | Smt. Bharati Naik                 | Assistant Registrar              |
| 37 | Smt. Rekha Verenkar               | Assistant Registrar              |
| 38 | Shri Shashikant Morajkar          | Assistant Registrar              |
| 39 | Shri Sanket Gaude                 | Assistant Registrar              |

#### **University Employees Co-operative Credit Society**

- Shri Eknath Sawant – Chairman
- Shri Renato Dias – Vice-Chairman
- Shri Gajanan Lingudkar – Secretary
- Smt. Nayan Naik – Treasurer
- Shri Nanda Gawas – Member
- Shri Gangaram Naik – Member
- Smt. Prarthana Naik – Member
- Shri Gautam Mhapankar – Member
- Shri Dilip Agapurkar – Member

### **Executive Committee of the Goa University Non-Teaching Employees Association (GUNTEA)**

- Shri Gangaram Naik, President
- Shri Paresh Naik, Vice-President
- Shri Brian Simoes, General Secretary
- Smt. Venesa Dias, Joint Secretary
- Shri Gajanan Lingudkar, Treasurer
- Smt. Suhana Malik, Member
- Shri Sunil Naik, Member
- Smt. Suvarna Joshi, Member
- Shri Santosh Vernekar, Member
- Shri Redualdo Serrao, Member

### **Executive Committee of the Goa University Teachers Association (GUTA)**

- Shri Ramrao S. Wagh (Chairman)
- Dr. Pranay Morajkar (Vice-Chairman)
- Dr. Digamber G. Porob (Secretary)
- Dr. Kedar U. Narvekar (Joint Secretary)
- Mr. Chinmay M. Ghaisas (Treasurer)
- Dr. Meghanath S. Prabhu (Executive Member)
- Ms. Poorwa R. Naik (Executive Member)
- Ms. Prachi Prabhu (Executive Member)

### **Executive Committee of the Association of Officers of Goa University (AOGU)**

- Shri Sachin K. Sambhaji, President
- Ms. Quibilah DSouza, Secretary
- Shri Ashwin Lawande, Treasurer
- Shri Sanjay Bandodkar, Member
- Smt. Sandhya S. S. Neurekar, Member
- Smt. Kirti Kankonkar, Member
- Shri Milind Shivolkar, Member
- Smt. Anne Carneiro, Member

## **1.8 MEETINGS OF UNIVERSITY AUTHORITIES AND BODIES**

### **Dates of Executive Council Meetings**

- 14<sup>th</sup> Meeting of the X<sup>th</sup> Executive Council – 16-06-2022
- 15<sup>th</sup> Meeting of the X<sup>th</sup> Executive Council – 23-09-2022
- 16<sup>th</sup> Meeting of the X<sup>th</sup> Executive Council – 13-01-2022

- 17<sup>th</sup> (Spl.) Meeting of the X<sup>th</sup> Executive Council – 01-03-2023
- 18<sup>th</sup> Meeting of the X<sup>th</sup> Executive Council – 24-03-2023
- 19<sup>th</sup> (Spl.) Meeting of the X<sup>th</sup> Executive Council – 24-04-2023
- 20<sup>th</sup> Meeting of the X<sup>th</sup> Executive Council – 26-05-2023

**Dates of the Academic Council Meetings**

- Ninth (Special) Meeting of the Academic Council – 30<sup>th</sup> July, 2022
- Tenth Meeting of the Academic Council – 19<sup>th</sup> September, 2022
- Eleventh Meeting of the Academic Council – 9<sup>th</sup> December, 2022
- Twelfth (Special) Meeting of the Academic Council – 10<sup>th</sup> April, 2023
- Thirteenth Meeting of the Academic Council – 5<sup>th</sup> May, 2023

**Dates of the Standing Committee Meetings of the Academic Council**

- Fifth Meeting of the Standing Committee – 14<sup>th</sup> and 23<sup>rd</sup> February, 2023
- Sixth Meeting of the Standing Committee – 11<sup>th</sup>, 15<sup>th</sup> and 22<sup>nd</sup> May, 2023

**Dates of Court Meeting**

- 4<sup>th</sup> Meeting of X<sup>th</sup> Court – 28-03-2023

PART 2  
UNIVERSITY SCHOOLS/ DEPARTMENT  
CENTRES / PROGRAMMES

## 2.1 SHENOI GOEMBAB SCHOOL OF LANGUAGES AND LITERATURE (SGSLL)

### SHENOI GOEMBAB SCHOOL OF LANGUAGES AND LITERATURE



#### Programmes and Degrees:

- Discipline of English (M.A.,M.Phil.,Ph.D.)
- Discipline of Hindi (M.A.,M.Phil.,Ph.D.)
- Discipline of Konkani (M.A.,M.Phil.,Ph.D.)
- Discipline of Marathi (M.A.,M.Phil.,Ph.D.)
- Discipline of French and Francophone Studies (M.A.,Ph.D.)
- Discipline of Portuguese and Lusophone Studies (M.A.,Ph.D.)

**Dean:** Prof. Anuradha Wagle

**Vice-Dean (Academic):** Prof. Vrushali Mandrekar

**Vice-Dean (Research):** Dr. Prakash Parienkar

#### Discipline of English

##### Faculty (Full-time):

- **K. Sripad Bhat**, Ph.D., Professor and Head– Literary Theory, Critical Theory and Cultural Studies
- **Nina Caldeira**, Ph.D., Professor–Goa Cultural Studies, Post-colonial Literature, Linguistics, American Literature
- **Anjali Chaubey**, Ph.D., Assistant Professor– Indian English Theater, Diaspora Studies, Gender Studies, Translation Studies and Disability Studies
- **Poorwa Naik**, M. A., Assistant Professor – Indian Literatures in English, Translation Studies, Queer Literature in India, Cultural Studies
- **Nafisa Oliveira**, M.A., LL.M., Assistant Professor – Law and Literature, Human Rights, Translation Studies, Goan Writing

**Visiting faculty: (Contract-basis)**

- Mr. Siddhesh Raut- Assistant Professor
- Ms. Bakita Naik- Assistant Professor
- Ms. Sarika Misra- Assistant Professor

**Major Thrust Areas:**

The major thrust area of the Discipline of English is Cultural Studies. The faculty members have researched and published several articles on Cultural Studies. The Discipline has been conducting research on a broad range of topics traversing interdisciplinary and multidisciplinary topics like Gender Studies, Postcolonial Studies, Green Cultural Studies, Disability Studies, Tribal Studies and LGBTQIA+ studies.

**Seminars, Conferences, Workshops, etc., organized:**

- One Day Webinar for the Post Graduate Students on Contemporary Trends in Indian Literature in English and Translation on 20th July 2022.
- Workshop on “Play Text in Performance” by Dr. Aparna Mahiyaria (University of Exeter) from 16th to 20th August 2022.
- Special Lecture Series by Dr. Isabel Santa Rita Vas on topics: “Development of Drama” on 25th August 2022 and “Elizabethan Drama” on 8th September 2022.
- Staging of the play It’ a Bebinca, Stupid! by The Mustard Seed Art Company on 11th November 2022.
- One Day National Seminar on Revisiting Literature and Humanities in Contemporary Times on 25th Feb 2023

**Research publications:**

Caldeira, Nina. Ed. Tradition, Continuity and Change: Goan Society in Transition(s). Broadway Publishing House, 2023.

**Articles in journals: NIL****Articles in conference proceedings: NIL****Book chapters:**

- Chaubey, Anjali. “Intersections of the Vernacular and the Diaspora: The Genre of Nayi Kahani (New Story) and the Pravasi (Migrant) Writer- Usha Priyamvada”. in Indian Literatures in Diaspora. Ed. Sireesha Telugu. Routledge, 2022.
- Oliveira, Nafisa. Questioning Progressivism: The Activist Strain in Konkani Writing in Translation. In Tradition, Continuity and Change: Goan Society in Transition(s). Ed. Nina Caldeira. Broadway Publishing House, 2023.

**Ph.D. s:**

Degree Awarded: 1

Submitted: 1

Students on Roll: 14



### **Conference Presentations, Lectures:**

- Dr. Anjali Chaubey did an invited lecture on “ Applications of Linguistics to foster Modern Indian Languages” at the One Day Interdisciplinary National Conference on “India's Digital Future and Modern Indian Languages” on 27th March 2023 organized by the Department of English and IQAC, Yashvantrao Chavan Institute of Science, Satara.
- Asst. Prof. Poorwa Naik presented a paper titled “Transcending the Transgendered Identities in a Modern India: Tracing the Journey of Laxminarayan Tripathi and Living Smile Vidya through their Autobiographical Writing” at the Three-day Annual National Conference on “Communities in Context: Contesting Histories and Cultures”. 27th-29th March 2023 organized by Centre for Comparative Literature, University of Hyderabad.

### **Lectures on other occasions: NIL**

### **Student Activities:**

- Pure Poetry 4.0 was organized in the Discipline where participants could recite original poems in any language of their choice on 14th October 2022.
- As a part of the Vigilance awareness week, the Integrity Pledge was administered on 31<sup>st</sup> October, 2022 to the teaching and non-teaching staff of the English and other language disciplines under the leadership of K.S.Bhat, Dean of SGSLL, Goa University
- Administered a pledge to the students to nurture their dedication to preserve the integrity, unity, and security of our nation on the occasion of “Rashtriya Ekta Diwas” on 31<sup>st</sup> October, 2022
- Celebrated “Samvidhan Diwas” on Saturday 26<sup>th</sup> November, 2022 to commemorate the adoption of the constitution as Jan Bhagidari and to honour and acknowledge the Contribution of the Founding Father of the constitution.
- One-day Workshop on Paper-I of UGC NET/SET exam conducted by Prof. Gajanan Rashinkar and Dr. V.S. Khandagale organized for students of Shenoji Goembab School of Languages and Literature on 10th February 2023.
- A field trip to ‘Goa Chitra Museum’ at Benaolim and ‘Big Foot’ at Loutolim was organized for M.A English part I and part II students on 11<sup>th</sup> January 2023.
- Slogan Writing on Swachhta Awareness and Screening of a documentary film on Gandhiji was held on 12<sup>th</sup> April 2023 as part of UBA.
- Poster Making and Slogan Writing Competition on Road Safety was held on 17<sup>th</sup> April 2023 under the initiative of ‘Unnat Bharat Abhiyaan.’
- As an extension to the activities conducted on Swachhta and Road Safety on 12<sup>th</sup> and 17<sup>th</sup> April 2023 respectively, an awareness drive was conducted by students on 18<sup>th</sup> April 2023 at Cacra.
- An event ‘Viva Goa’ was organized to celebrate Goan culture as a part of M.A syllabus on 20th April 2023.
- NET/SET coaching classes for the M.A Part II students were conducted from 10<sup>th</sup> September 2022 to 01<sup>st</sup> April 2023.

## Discipline of Hindi

### Faculty (Full-time):

- **Vrushali S. Mandrekar**, *Ph. D.*, Professor and Head– Short Story, Comparative Literature & Translation.
- **Bipin Bihari Tiwari**, *Ph.D.*, Assistant Professor– Hindi Story, Hindi Criticism
- **Sweta Prasad Govekar**, *M.A.*, Assistant Professor– Media & Journalism, Hindi Novels
- **Mamata Deepak Verlekar**, *M.A.*, Assistant Professor– Hindi Poetry, Drama, Literary Criticism
- **Deepak Prabhakar Varak**, *M.A.*, Assistant Professor- Drama, Translation, History of Hindi literature, Modern Poetry.
- **Manisha Chimano Gaude**, *M.A.* Assistant Professor–Hindi Story, Literature: Thought and Philosophy; History of Hindi Literature: Aadikal, Bhaktikal and Ritikal, Modern Poetry
- **Aditya Dayanand Sinai Bhangui**, *M.A.*, Assistant Professor– Linguistics, Hindi Grammar, Translation, Indian Poetics, Media & Journalism

### Projects: NIL

### Visiting Scholars:

| Name of the scholar         | Institution   | Title of Lecture  | Date   |
|-----------------------------|---|---|--|
| Dr. Rakesh Tiwari<br>Writer |   | Yatra Sanskruti Ke Tatva  | • 16 <sup>th</sup> June 2022   |
| Sudha Arora<br>Writer       |   | 21 Vi Sadi Mein Nari Vaad'  | • 23 <sup>rd</sup> September 2022  |
| Dr. Sheena Eapen            | St. Thomas College, Kozhencherry, Pathanamthitta, Kerala (Retd) | Hindi Katha Sahitya   | • 14 <sup>th</sup> & 15 <sup>th</sup> September 2022<br>• 2 <sup>nd</sup> to 12 <sup>th</sup> November 2022.<br>• 23 <sup>rd</sup> January to 1 <sup>st</sup> February |
| Prof. Asgar Wajahat         | Jamia Millai Islamia University New Delhi (Retd)                | Hindi Urdu Pragatishil Kavita Ka Tulnatmak Vivechan, Yatra Vrutant: Nayi Chunnotiyan, Samkalin Hindi Natak Ka Vartman Paridrushya | • 12 <sup>th</sup> & 14 <sup>th</sup> October 2022   |
| Dr. Rajiv Kumar<br>Writer   |   | Samakalin Hindi Kahani  | • 13 <sup>th</sup> & 14 <sup>th</sup> October 2022   |

|                              |  |                                   |                                 |
|------------------------------|--|-----------------------------------|---------------------------------|
| Dr. Avichal Gautam           | Field Faculty, Azim Premaji Foundation Jalore, Rajasthan | Arth Vigyan                       | • 5 <sup>th</sup> December 2022 |
| Naresh Saxena<br>Writer      |  | Vartaman Samay<br>Mein Kavita     | • 27 <sup>th</sup> January 2023 |
| Dr. Brijpal Singh<br>Gahloth | Government College Quepem Goa                            | ‘Andere mein’ kavita ka mulyankan | • 12 <sup>th</sup> April 2023   |
| Prof. Ram Prakash            | Sri Venketeshwar University, Tirupati                    | Critics and Criticism             | • 17 <sup>th</sup> April 2023   |

**Lectures delivered by the faculty at other institutions/organizations:**

| Name of the scholar      | Institution  | Title of Lecture                                      | Date  |
|--------------------------|--|---|---|
| Prof. Vrushali Mandrekar | Shivaji University kolhapur  | M. Phil, Ph.D. Course work<br>Subject Expert          | 28 <sup>th</sup> November 2022                          |
|                          | Bank of Baroda   | Hindi Diwas   | 23 <sup>rd</sup> September 2022                         |
|                          | Ganpat Parsekar College of Education                                 | Chief Guest   | 28 <sup>th</sup> September 2022                         |
|                          | Government College of Arts, Science & Commerce, Khandola Marcela Goa | Mohan Rakesh Ka Yatra Sahitya                         | 31 <sup>st</sup> January 2023                           |
|                          | Kendriya Hindi Sansthan Aagra  | Beejwakta   | 29 <sup>th</sup> & 30 <sup>th</sup> July 2022           |
|                          | Kendriya Hindi Sansthan, Hyderabad Kendra                            | Hindi Tatha Konkani Dwaniyon ka Vyaktireki Vishleshan | 20 <sup>th</sup> February to 3 <sup>rd</sup> March 2023 |
| Dr. Bipin Tiwari         | Department of Hindi, University of Calicut Kerala                    | Multilingualism & Multiculturalism                    | 28 <sup>th</sup> -30 <sup>th</sup> September 2022       |
| Ms. Manisha Gaude        | Government College of Arts, Science & Commerce, Khandola Marcela Goa | Mohan Rakesh Ka Yatra Sahitya                         | 31 <sup>st</sup> January 2023                           |
|                          | Government College of Arts, Science & Commerce, Khandola Marcela Goa | Tulsi-Premchand ke sahitya mein samajik mulya         | 3 <sup>rd</sup> August 2022                             |
| Mr. Aditya Bhangui       | All India Radio Panaji, Goa  | Karyalain Hindi                                       | 30 <sup>th</sup> September 2022                         |

|  |   |  |   |
|--|---|--|---|
|  | Vidya Prabodhini College, Porvorim Goa                    | Devanagari Typing                                | 12 <sup>th</sup> ,13 <sup>th</sup> ,19 <sup>th</sup> & ,20 <sup>th</sup> January 2023 |
|  | Vidya Prabodhini College, Porvorim Goa                    | Hindi Vartani Evam Vyakaran                      | 17 <sup>th</sup> January 2023   |
|  | Sant Sohirabanath Ambiyee, Governement College Pernem Goa | Devanagari Tankan aur Hindi main Software prayog | 4 <sup>th</sup> , 8 <sup>th</sup> ,15 <sup>th</sup> & 20 <sup>th</sup> March 2023     |
|  | The New Educational Institute, Curchorem, Goa             | Hindi Vartani aur Vyakaran                       | 10 <sup>th</sup> March 2023   |

### Seminars, Conferences, Workshops etc. organized:

| Programme  | Date  |
|--|---|
| 1. Tulsidas aur Premchand Jayanti <ul style="list-style-type: none"> <li>Dr. Vaibhav Singh delivered a lecture on the topic 'Premchand Ke Sahitya me Samaj'</li> </ul>   | 1 <sup>st</sup> August 2022                       |
| 2. Hindi Day   | 14 <sup>th</sup> September 2022                   |
| 3.Mahamari Aur Sahitya (International Seminar) <ul style="list-style-type: none"> <li>Prof. Rajendra Kumar</li> <li>Prof. Imre Bangha</li> <li>Prof. Awdhesh Pradhan</li> <li>Shri Harishchnadra Prakash</li> <li>Shri Amoghsiddh Chendke</li> <li>Dr. Ramita Gurav</li> <li>Dr. Prajal Sakhardande</li> <li>Dr. Pallav Nandwana</li> <li>Dr. Priyam Ankit</li> <li>Dr. Amrendra Kumar Sharma</li> <li>Shri Gautam Kashyap</li> <li>Dr. Irene Silveira</li> <li>Ms. Loraine Ethel Barreto Alberto</li> </ul> | 21 <sup>st</sup> & 22 <sup>nd</sup> February 2023 |

### Research Publications:

Articles in journals (\*Impact Factor/ Cite Score Journals)

#### 1. Prof. Vrushali Mandrekar

- Konkani Hindi Bhashavon ka sangam Smarika -Hindi sammelan February 2023

- Bharat ki Pramukh Bhashayein: Samkalin Pravrutiyen, Dr. Dayanidhi Mishra Uttar Pradesh Hindi Sansthan Lucknow. ISBN-978-81-956809-9-9.  
Title of the article – Konkani Bhasha Aandolan evam Sahityk Vikas.

## 2. **Dr. Bipin Tiwari**

- Kavita Lokgeet ki tarah saral honi chahiye (Interview with Senior Hindi Poet Naresh Saxena)

## 3. **Ms. Mamata Verlekar**

- Vaidyk sahitya mein stree swar, UGC Care Listed (Under List 'Multi Disciplinary' Sr. Nu. 03) (ISSN 2322-0724 Apni Maati) अंक-48 July-September 2023, editor: Dr. Maanik and Dr. Jitendra Yadav

## 4. **Ms. Manisha Gaude**

- काजरफल : translation of Konkani Story into Hindi Published, Samakaleen Bharatiy Sahitya, Sahitya Akademi, 225, Jan-Feb 2023

**Book Chapter: NIL**

**Books:**

- 'Mahamari aur Manushya' Broadway Publication House Goa January 2023- edited by Dr. Bipin Tiwari, Ms. Mamata Verlekar

**Ph. Ds:**

Degrees Awarded: 04

- Ms. Vipra Rawool
- Mr. Sandeep Lotlikar
- Ms. Deepti Chatin Aldonkar
- Ms. Priya Gosavi

Submitted:

- Mr. Chandan Kumar
- Ms. Amita Mandrekar

Students on roll:

## **Discipline of Konkani**

**Faculty (Full-time):**

- **Hanumant C. Chopdekar**, Ph.D. Associate Professor and Programme Director, Discipline of Konkani - Literary Criticism, Konkani Language Movement, Indian and Western Poetics, Sociolinguistics Study.
- **Prakash S. Parienkar**, Ph.D., Associate Professor, Vice Dean (Research), SGSLL.- Sociological Study of Literature, Research Methodology, Special Study of Konkani Novels, Short Film Productions.

- **Kripali Naik**, M.A., Assistant Professor - Feminist Literature, Indian Literature, Bahujan Literature, grammatical Study of Konkani
- **Naresh C. Naik**, M.A., Assistant Professor- Creative writing, Grammin Sahitya, Old Konkani Language and Literature, Konkani Language Movement.
- **Rama Murkunde**, M.A., Assistant Professor - Linguistics CPGRI, Pune - Linguistics, Translation Studies, Feminism, Western Poetics and Sociolinguistics.
- **Soniya S. Gadkar**, M.A., Assistant Professor - Konkani Folk Drama: Folklore, Study of Konkani Essays, Tiatr, Criticism, Media Study.
- **Sanika A. Gaonkar**, M.A., Assistant Professor - Folk Literature, Short stories, Environmental Thoughts in Literature, Grameen Literature, Modern Konkani Poetry.

#### Ongoing Projects:

| Investigator              | Status  | Topic  | Sponsor   | (Rs. in Lakhs) |
|---------------------------|---------|--|---|----------------|
| Dr. Hanumant C. Chopdekar | Ongoing | New Trends in Modern Konkani Literature  | IPR Scheme 2020 -2023, Category- Copyright to write or translate full content of selected text. | 50,000/-       |
| Dr. Prakash Parienkar     | Ongoing | “Creation of Research based text on Puran Sheti, A Silt based Paddy Farming the bank of River Mhadei | IPR Scheme 2020-2023, Category- Copyright to write or translate full content of selected text.  | 50,000/-       |

#### Seminars, Conferences, Workshops, etc., organized:

| Sr. No. | Programme   | Date   | Major Sponsors    |
|---------|---|--|-------------------|
| 01      | <b>Chopdekar, Hanumant.</b> Convener of one day Symposium entitled “Implementation of New Structure of NEP 2020 with respect to Konkani as a subject at the UG Level” organized by the Discipline of Konkani, Sheno Goembab School of Language and Literature, Goa University on 1 <sup>st</sup> April 2023 | 1 <sup>st</sup> April 2023                       | Goa University    |
| 02      | <b>Chopdekar, Hanumant.</b> Chief Convener of a ‘Online Course for Beginner Level Konkani’  | 12 <sup>th</sup> March, 2022 to 16 <sup>th</sup> | PRIDE, Lok Sabha, |

|    |   |  |                         |
|----|---|--|-------------------------|
|    | organized by Parliamentary Research and Training Institute for Democracies (PRIDE) C/o Lok Sabha, Government of India from 12 <sup>th</sup> March, 2022 to 16 <sup>th</sup> July, 2022  | July, 2022.  | Parliament House, Delhi |
| 03 | <b>Parienkar, Prakash.</b> Organized 13 day intensive workshop under the B.B. Borkar R Chair in Comparative Literature under the Directorate of Visiting Research Professor, Goa University on the topic: 'Documentation of Indigenous Knowledge and Oral Tradition of Varieties of Sattari Taluka Konkani' on 28 <sup>th</sup> Oct. 2022 to 9 <sup>th</sup> November 2022 under the guidance of Visiting Research Professor Prof. Anvita Abbi. | 28 <sup>th</sup> Oct. 2022 to 9 <sup>th</sup> November 2022.     | VRPP, Goa University    |
| 04 | <b>Parienkar, Prakash.</b> Organized three day workshop on the topic "understanding Pre & Post Production of Film Making" (फिल्म निर्मातीचें पूर्व आनी पोस्ट प्रोक्शन समजून घेताना) on 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> Feb. 2023 at VRPP Hall, Block -D, Directorate Building, Goa University as a part of Skilled based paper KKO-404 : Short Film Production.  | 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> Feb. 2023 | Goa University          |
| 05 | <b>Murkunde, Rama.</b> Organized a two days' workshop for students of Konkani Discipline, SGSLL, Goa University on 2 <sup>nd</sup> & 3 <sup>rd</sup> February, 2023 on 'Translation: Theory & Practice' at Shenoj Goembab Computer Laboratory, Discipline of Konkani, Goa University  | 2 <sup>nd</sup> & 3 <sup>rd</sup> February, 2023                 | Goa University          |

#### Ph.Ds:

Degree Awarded: 01

#### Conference Presentations, Lectures, Invites etc.:

- **Chopdekar, Hanumant** Presented a research paper entitled 'Konkani Bhashemadheel payile Dynanpeetkar : Ravindra Kelekar' in the 23<sup>rd</sup> International Conference on The 'Contribution and Achievement of the Men in various spheres at National and International levele' organised by Rayat Shikshan Sauntha,, Satara and Snehvaardhan research Institute, Pune on 17<sup>th</sup> December 2022.
- **Chopdekar, Hanumant** Worked as a Resource Person in the two days International Symposium entitled 'Vishwa Konkani Samaroh' organized by vishwa konkano Kendra, shaktinagar, mangalore on 8<sup>th</sup> and 9<sup>th</sup> February 2023.
- **Chopdekar, Hanumant.** Delivered 06 Lectures for online classes for Beginner Level Course organized by Parliamentary Research and Training Institute for Democracies (PRIDE) C/o Lok Sabha, Government of India from 12<sup>th</sup> March, 2022 to 16<sup>th</sup> July, 2022.
- **Chopdekar, Hanumant.** Participated and contributed as a Language Expert in the Five-day Meeting cum Workshop for the Preparation of Fundamental Glossary of POLITICAL SCIENCE (English-Hindi-Konkani) organised by the Commission for Scientific and

Technical Terminology (CSTT), Ministry of Education (MoE), (Department of Higher Education), Government of India held at Discipline of Konkani SGSSL School, Goa University from 01 to 5<sup>th</sup> May, 2023

- **Parienkar, Prakash.** Presented the paper on the topic Rhythm, Meter, Music and the Spiritual Element in Ramani's Poetry on the occasion of Shankar Ramani Birth Centenary Seminar organized by Sahitya Akademi, New Delhi at the Multipurpose Hall, Directorate of Art & Culture, Panaji Goa on 24<sup>th</sup> & 25<sup>th</sup> June 2022.
- **Parienkar, Prakash.** Chaired the session of a talk delivered by Mr. Chandrakant Shinde on the topic 'The last call of River Mhadei' on January 23, 2023. Organized by Political Science Programme D.D. Kosambi School of Social Sciences and Behavioural Studies Goa University at Block – B, Seminar Hall, Goa University.
- **Parienkar, Prakash.** Invited as a Resource Person for the workshop on the title “**Screen Play Writing for short Film**”, organized by the Department of Konkani, M.E.S College of Arts & Commerce, Zuvarinagar, Goa on 4<sup>th</sup> Feb. 2023
- **Parienkar, Prakash.** Chaired a session for the National Seminar organized by the Discipline of Marathi, Sheno Goembab School of Languages and Literature, Goa University on the topic “Vidyapith Staravar Marathi Chetnat Sanshodhan : Punarvalokan Aani Bhavi Disha” on 6<sup>th</sup> & 7<sup>th</sup> Feb. 2023 at Conference Hall, Goa University.
- **Parienkar, Prakash.** Invited as a Resource person for the 1<sup>st</sup> Yuva Konkani Katha Sammelan, to guide young Konkani short story writers organized by Discipline of Konkani, Sheno Goembab School of Languages and Literature, Goa University on 27<sup>th</sup> & 28<sup>th</sup> Feb. 2023 at Seminar Hall, Goa University.
- **Parienkar, Prakash.** Invited to chair the session one day seminar on the topic “Reflection of Mining in Goan Literature” organized by Vidya Prabodhini College of Commerce, Education, Computer & Management, Vidyanagar, Alto-Parvari, Bardez Goa. On 15<sup>th</sup> March 2023 at Conference Hall, Goa State Pollution Control Board, Govt. of Goa, Saligao Goa.
- **Parienkar, Prakash.** Invited as a Resource Person for the workshop title “Screen Play Writing”, for the students of BBA programme, M.E.S. College of Arts & Commerce, Zuvarinagar, Goa on 1st April 2023
- **Naik, Naresh.** Presented paper on topic “Pundalik Naik hanchya Kathetali Grammin Jeen” at the National level Conference, Vishwa Konkani Samaroha 2023 on Konkani Language Literature and Culture held on 9<sup>th</sup> February 2023 at World Konkani Centre, Mangalore - Karnataka, India.
- **Naik, Naresh.** Presented paper on topic “Pundalik Naik hanchya Muthai Katha Sangrahatli Grammin Jinn and Manviy Sanvedana” at the International Literary festival and Conference 2022 Organized by Shree Mallikarjun College of Arts, Science and Commerce, Canacona, Goa in Collaboration with Innsaei International Journal of Creative Literature, Art Translation and Research held on 18<sup>th</sup> and 19<sup>th</sup> August 2022.
- **Naik, Naresh.** Presented paper on the topic “Lokved: Garaj, Mahatva ani Dika” at St. Xaviers College, Mapusa - Goa, India on 25<sup>th</sup> March 2023.
- **Naik, Naresh.** Participated and contributed as a Language Expert in the Five-day Meeting cum Workshop for the Preparation of Fundamental Glossary of POLITICAL SCIENCE (English-Hindi-Konkani) organised by the Commission for Scientific and Technical Terminology (CSTT), Ministry of Education (MoE), (Department of Higher Education), Government of India held at Discipline of Konkani SGSSL School, Goa University from 01<sup>st</sup> to 5<sup>th</sup> May, 2023



- **Murkude, Rama.** Participated as a translator in 03 days' workshop organized by National Book Trust, Ministry of Education, Government of India from 28<sup>th</sup> -30<sup>th</sup> April, 2023 at Multipurpose Hall, Department of Art & Culture, Panaji- Goa.
- **Murkude, Rama.** Participated and contributed as a Language Expert in the Five-day Meeting cum Workshop for the Preparation of Fundamental Glossary of Electronics (English-Hindi-Konkani) organised by the Commission for Scientific and Technical Terminology (CSTT), Ministry of Education (MoE), (Department of Higher Education), Government of India held at Goa Business School (GBS), Goa University from 20<sup>th</sup> March, 2023 to 24<sup>th</sup> March, 2023.
- **Murkude, Rama.** Delivered 07 Lectures for online classes for Beginner Level Course organized by Parliamentary Research and Training Institute for Democracies (PRIDE) C/o Lok Sabha, Government of India from 12<sup>th</sup> March, 2022 to 16<sup>th</sup> July, 2022.
- **Gadkar, Soniya.** Presented a Research paper on “Dr. Rajay Pawar hancho ‘Girmit’: shastriay prayog shabdbadd karpi Lalit Niband Sangrah” at the ‘Vishwa Konkani Samaroh 2023’ Two Days National Level Conference on Konkani Language, Literature and Culture held on 8<sup>th</sup> February 2023 at World Konkani Centre, Mangalore.
- **Gadkar, Soniya.** Presented a Research paper on “Meena Kakodkar hanchya Kathanli Manvi Sanvedana and Sahityik Mullya” on International Literary Fest and Conference 2022 held on 18<sup>th</sup> August 2022 at Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona, Goa.
- **Gadkar, Soniya.** Participated as an expert in the Workshop on ‘Fundamental Glossary of Political Science (English-Hindi-Konkani)’ organised by Commission for scientific and Technical Terminology, Ministry of Education, Govt. of India held on 1<sup>st</sup> May 2023 to 5<sup>th</sup> May 2023 at Goa University.

#### **Guest Lecture Organized:**

- **Parienkar, Prakash.** Convener of the Guest Lecture by Zilu Goankar on the topic Folk Drama Ranmalem: Structure and its Performance on 16<sup>th</sup> Nov. 2022 at VRPP, Seminar hall, Goa University.
- **Parienkar, Prakash.** Convenor of Guest Lecture by Dr. Pandurang Faldesai on the topic Goan Folk Drama Jaagor: its Structure and Performance on 18<sup>th</sup> Nov. 2022 at VRPP, Seminar hall, Goa University.
- **Parienkar, Prakash.** Convenor of the Guest Lecture by Dr. Vinay Madgaonkar on the topic Shivole Gaoncho Jagor: on 17<sup>th</sup> Dec. 2022 at BF/41, Goa University.
- **Parienkar, Prakash.** Convenor of the Guest Lecture by Hemant Aiya on the topic Canconcho Kalo Niyal Ani Navsarjanachi Sandha 20<sup>th</sup> Dec. 2022 at BF/26, Goa University.
- **Gaonkar, Sanika.** Organized a Guest Lecture entitled as - “कोंकणी साहित्यांत अभिव्यक्त पर्यावरणीय विचार” (Environmental Thoughts in Konkani Literature) Resource person was Dr. Prakash Paryienkar on 9/12/2022
- **Gaonkar, Sanika.** Organized a Guest Lecture entitled as - ‘आधुनीक कोंकणी लघुकथेंतले प्रवाह’ (Modern trends in Konkani Short Story). Resource person: was Mr. Gorak Lata Sirsar on 7/12/2022

### Seminars and workshops attended:

- **Chopdekar, Hanumant.** Attended a Two Days National Level Conference ‘Vishwa Konkani Samaroh 2023’ on Konkani Language, Literature and Culture held on 8<sup>th</sup> and 9<sup>th</sup> February 2023 at World Konkani Centre, Manglore.
- **Chopdekar, Hanumant.** attended one day Symposium entitled “Implementation of New Structure of NEP 2020 with respect to Konkani as a subject at the UG Level” organized by the Discipline of Konkani, Shenoj Goembab School of Language and Literature, Goa University on 1<sup>st</sup> April 2023
- **Chopdekar, Hanumant.** Attended a Stakeholders Outreach Program to seek inputs for developing resources and technology for Konkani organised by Goa University on 12<sup>th</sup> December 2022.
- **Parienkar, Prakash.** Attended the one day Training Programme on “The Right to Information Act, 2005” held on 1<sup>st</sup> Feb. 2023, organize by Goa Institute of Public Administration & rural Development, Ella Farm, Old Goa, Goa.
- **Parienkar, Prakash.** Participated and contributed as a Language Expert in the five day meeting Cum Workshop for the Fundamental Glossary of Electronics (English-Hindi-Konkani), organized by the Commission for Scientific and Technical Terminology (CSTT), Ministry of Education (MoE), Department of Higher Education, Government of India held at Goa Business School (GBS), Goa University from 20<sup>th</sup> March 2023 to 24<sup>th</sup> March 2023.
- **Parienkar, Prakash.** Attended three day workshop to translate Hindi Children’s book Sabazi Mandi into Konkani, Workshop was organized by National Book Trust, India on 28<sup>th</sup> April to 30<sup>th</sup> April 2023 at Conference Hall, Directorate of Art & Culture, Panaji Goa.
- **Naik, Krupali.** Attended 3 days Translation workshop to translate Children’s books from Hindi to Konkani organized by National Book Trust, New Delhi, at Multipurpose Hall, Department of Art & Culture, Panaji-Goa. From 28<sup>th</sup> April to 30<sup>th</sup> April 2023.
- **Naik, Krupali.** Attended a Workshop on writing manuscripts & Publishing in quality Research Journal Organized by Directorate of Internal Quality Assurance, Goa University on 27<sup>th</sup> August 2023 at Goa University.
- **Naik, Naresh.** Attended Workshop on “Sanvshodhan Prapatra Lekhan: Tantra ani Paddhati” organized by Research Centre Of Konkani at Government College of Arts, Science & Commerce in collaboration with Konkani Bhasha Mandal on 24<sup>th</sup> September 2022.
- **Naik, Naresh.** Attended Seminar On “Shennoi Goembab Ani Tanchem Sahitya” organized by Thomas Stephens Konkani Kendra, Porvorim on 8<sup>th</sup> October 2022.
- **Naik, Naresh.** Attended a 2 days National level Conference, Vishwa Konkani Samaroha 2023 on Konkani Language Literature and Culture held from 8<sup>th</sup>-9<sup>th</sup> February 2023 at World Konkani Centre, Mangalore - Karnataka, India.
- **Naik, Naresh.** Attended 2 days International Literary festival and Conference 2022 organised by Shree Mallikarjun College of Arts, Science and Commerce, Canacona, Goa in Collaboration with Innsaei International Journal of Creative Literature, Art Translation and Research held on 18<sup>th</sup> and 19<sup>th</sup> August 2022.
- **Murkunde, Rama** Attended the one day state level orientation program cum workshop on New Dimensions of All India Survey of Higher Education held on 16<sup>th</sup> March, 2023 organized by the AISHE Cell of Directorate of Internal Quality Assurance, Goa University.

- **Murkunde, Rama.** Attended Stakeholders' Outreach program to seek inputs for developing resources and technology for Konkani on 12<sup>th</sup> December, 2022 by Goa University under the project Bhashini.
- **Murkunde, Rama.** Attended One day Symposium on topic 'Konkani Vachan Vishwa: Ek Jaitiwant Prawas' organised by Discipline of Konkani, SGSSL, Goa University in collaboration with Konkani Bhasha Mandal, Goa on 08<sup>th</sup> September, 2022 at Goa University.
- **Murkunde, Rama.** Attended two days seminar on 'Kavivarya Shankar Ramanni janma shatabdi samaroh' from 24<sup>th</sup> to 26<sup>th</sup> June, 2022 organised by Kavivarya Shankar Ramanni Janmashatabdi Samaroh Samiti, Goa.
- **Gadkar, Soniya.** Attended a Two Days 'International Lit Fest and Conference 2022' organized by Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona in collaboration with Innsaei, International Journal of Creative literature, Art, Translation and Research held on 18<sup>th</sup> and 19<sup>th</sup> August 2022 at Canacona.
- **Gadkar, Soniya.** Attended a Workshop on 'Writing Manuscripts & Publishing in Quality Research Journals' organised by Directorate of Internal Quality Assurance, Goa University on 27<sup>th</sup> August, 2022 at Goa University.
- **Gadkar, Soniya.** Attended a Workshop on 'Sanvshodhan Prapatrekhan : Tantr ani Paddati' organised by Govt. College of Arts, Science and Commerce, Quepem in Collaboration with Konkani Bhasha Mandal, Margao on 24<sup>th</sup> September 2022 at Quepem.
- **Gadkar, Soniya.** Attended a National Symposium on 'Konkani Bhaas-Navo Sonvsar Novo Distavo' orginsed by The Institute of Konkani, St. Aloysius College on 15<sup>th</sup> October, 2022 atMangaluru.
- **Gadkar, Soniya.** Attended a Seminar on 'Shenoi Goembab ani tanchem sahiy' organised by Thomas Stephens Konkani Kendr, Alt Parvari on 8<sup>th</sup> October 2022 at Parvari.
- **Gadkar, Soniya.** Attended a Stakeholders Outreach Program to seek inputs for developing resources and technology for Konkani organised by Goa University on 12<sup>th</sup> December 2022.
- **Gadkar, Soniya.** Attended a Two Days National Level Conference 'Vishwa Konkani Samaroh 2023' on Konkani Language, Literature and Culture held on 8<sup>th</sup> February 2023 at World Konkani Centre, Manglore.
- **Gaonkar, Sanika.** attended one day Symposium entitled "Implementation of New Structure of NEP 2020 with respect to Konkani as a subject at the UG Level" organized by the Discipline of Konkani, Shenoi Goembab School of Language and Literature, Goa University on 1<sup>st</sup> April 2023
- **Gaonkar, Sanika.** attended one day workshop entitle as "संशोधन प्रपत्र लेखन:तंत्र आनी पद्दती" organized by Department of Konkani and Konkani Research Centre Govt. College of Arts, Commerce & Science Quepem- Goa and Konkani Bhasha Mandal, Goa on 24<sup>th</sup> September 2022 Resource persons are: Dr. Bhave Bhushan, Prof. Vazarikar Prakash, Dr.Paliya Pandit

#### Research papers published:

- **Chopdekar, Hanumant.** Published a research paper entitled "नवा विद्यार्थी कुमार साहित्य संमेलन: दिव्यत्वाचा साक्षात्कार घडविणारे साहित्यीक अधिष्ठान" (Nava Vidyarthi kumar sahiyia

sammelan ; Divyatvacha sakshatkar ghadavinare sahitya adhishtaan} in the souvenir of of '14<sup>th</sup> Navaa Vidyarthi Kumar Marathi Sahitya Samelan' held on 31<sup>st</sup> December 2022 organised by De Banda Navbaharat Shikshan prasarak mandal, Banda Maharashtra..

- **Parienkar, Prakash.** Published article on the issue with regards to the environmental effect on ecosystem by diverting Mhadei river water title **Mhadeichem Udak: Pranni, Vanaspat Ani Mansha Madlo Sangharsh**(Pg.2-6) on JAAG Monthly, Year-49, Volume-5, February 2023, 201-B, Saldel Apartment, Rau de Saudades, Pajifond, Margao Goa.
- **Parienkar, Prakash.** Published an article title Graminn Lokjeevan Ani Vikashit paramparik Tantragnyan (Pg.34-37) on Special Issue title Mathi – 2022, Sahitya Manthan- Sattari
- **Murkunde, Rama.** 'Haavthan' ani 'The Kiln': English Annkarachya Sandarbhat paricharcha' paper published in 'Latitude' Annual Research Journal, Volume: 9, Issue: I, Special Issue, April, 2022 published by Government College of Arts, Science and Commerce, Sanquelim Goa.
- **Naik, Naresh.** Published paper in "Literature and Arts for Peace and Humanity" in the Innsei LIT fest Goa 2022 under title "Research papers anthology"

#### Translated Story Published:

- **Parienkar, Prakash.** Konkani Short Story title 'Kazarfal' have been translated into Hindi by Ms. Manish Gaude and published in Samakalin Bhartiya Sahitya. Bi-Monthly Issue, January-February, 2023, published by Sahitya Akademi, New Delhi, Rabindra Bhavan, 35 Ferozeshaha Road, New Delhi- 110 001.

#### Book Chapters:

- **Chopdekar, Hanumant.** Chapter entitled 'Gomantakiy Natakatil Mithaksrusti' in a book 'Sahityatil Mithake' edited by Dr. TukaramRrongte and published by Saunskruti Prakashan, pune, May 2023.
- **Parienkar, Prakash.** 'A Friend Foreve'r| घट्टइश्टागत' a bilingual edition of children's story book written by Aindrila Mitra in English and translated in to Konkani, published by the National Book Trust , India Nehru Bhawan, 5 Institutional Area, Phase-II, Vasant Kunj, New Delhi-110 070, ISBN 978 93-5491-767-7, 2023
- **Parienkar, Prakash.** 'क्यों? कित्याक?' a bilingual edition of children's story book written by Meenaxi Swami in Hindi and translated in to Konkani, published by the National Book Trust , India Nehru Bhawan, 5 Institutional Area, Phase-II, Vasant Kunj, New Delhi-110 070, ISBN 93-5491-775-2, 2023
- **Murkunde, Rama.** 'Bhakt Sal Begha' published by NBT, New Delhi in 2023. (Translation from Hindi to Konkani, Story book for children)
- **Murkunde, Rama.** 'Lalu ani tambdo patang' published by NBT New Delhi in 2023. (Translation from Hindi to Konkani, Story book for children)

#### Honors:

- **Chopdekar, Hanumant** appointed as a President of '14<sup>th</sup> Navaa Vidyarthi Kumar Marathi Sahitya Samelan' held on 31<sup>st</sup> December 2022 organised by De Banda Navbaharat Shikshan prasarak mandal, Banda Maharashtra..
- **Chopdekar Hanumant.** Appointed as a special member on Aerodrome Committee at Manohar International Airport, Mopa Goa.

- **Naik, Naresh.** “**Yuva Sahitya Puraskar**”organized by Goa Konkani Akademi in Collaboration with DMC college, Mapusa- Goa, India on 17<sup>th</sup> March 2023

#### **Student Activities:**

- Organised and celebrated Birth anniversary of Shennoy Goembab on 23<sup>rd</sup> June, 2023. Dr. Gunaji Desai, eminent scholar was the Chief Guest.
- Published a 04 Wall Paper ‘Antarman’ during the academic year 2022-23. The publication of the paper encourages the students to get their creativity on the paper in the form poetry, stories, articles and other write ups.
- 52 Students from the discipline of Konkani attended Field Trip cum literary meet with Konkani writers from mangalore during the two Days National Level Conference ‘Vishwa Konkani Samaroh 2023’ on Konkani Language, Literature and Culture held on 8<sup>th</sup> and 9<sup>th</sup> February 2023 at World Konkani Centre, Manglore.
- Organised ‘1<sup>st</sup> Yuva Konkani Kathga Sammelan’ in collaboration of Konkani Saraswat Mandal, Discipline of Konkani, Goa University on 27<sup>th</sup> and 28<sup>th</sup> February 2023.

### **Discipline of Marathi**

#### **Faculty (Full-time):**

- **Vinayak Alias Vinay Laxman Bapat**, M.A., Assistant Professor- (Program Director) Literary Criticism Ancient Marathi Literature, Marathi Novels
- **Sunita S. Umraskar**, Ph.D., Associate Professor and Head – Linguistics, Medieval Marathi Literature and Modern form of Literature, Folk Literature, Literary Criticism
- **Dr. Vinay Madgaonkar**, M.A. Ph.D., Assistant Professor – Medieval Marathi Literature, Marathi Drama, Professional Marathi, Journalism, Culture Study, Goan Marathi Literature.
- **Purva Pandit Vasta**, M.A., Assistant Professor- Translation Studies, Short stories in Marathi, Marathi Grammar, Modern Marathi Literature.
- **Chinmay Madhu Ghaisas**, M.A., Assistant Professor - Translation Studies & Comparative Literature, Creative Writing, Professional Marathi and Grammar, Journalism and Mass Media, Marathi Drama, Science fiction in Marathi.
- **Dr. Hemant Balkrishana Aiya**, Ph.D., Assistant Professor – Folklore & Folk Literature, Marathi Language and Linguistics, Research Methodology, Creative Writing in Marathi.
- **Mr. Jayesh Paik Gaonkar**, M.A, Assistant Professor in Marathi, Folklore and Goan Folk Literature, History of Marathi Literature

#### **Major Thrust Areas**

Thrust Areas: The thrust areas of the Department include Grammar and Linguistics, Theory of Literature and Translation Studies, Medieval Literature, Christian Marathi Tradition of the 17<sup>th</sup> Century in Goa, Modern forms of Literature, Marathi Literature in Goa, Dalit Literature and Folk Literature, so also Science Fiction in Marathi.

## Research Publications:

### Articles in journals (\*Impact Factor/ Cite Score Journals)

#### Mr. Vinayak Bapat (Program Director)

1. 'गोमंतकातील शिमगालोकसंचित संमृद्ध एक :', Research Article published in Research journal 'PHADKI' on topic: January to March-2023 edition.
2. 'कविवर्य शंकर रामाणी यांच्या कवितेचा समग्र आणि चिकित्सक अभ्यास' Research Article published in UGC-CARE listed journal 'MAHARASTRA SAHITYA PATRIKA' on topic: July to September 2022 edition.
3. 'शंकर रामाणी यांची निसर्ग कविता', Research Article published in UGC-CARE listed journal ' PANCHADHARA' on topic: .July to September 2022 edition.

#### Sunita S. Umraskar

1. गोमंतकीय लोकनाट्यस्वरूप पारंपारिक :, February 2023, Akshar Vangmay, ISSN-2229-4929 (UGC care list Journal)

#### Dr. Vinay Madgaonkar

1. शिवरायांच्या गोमंतक मोहिमेवर आधारित दर्जेदार नाट्याविष्कार : शिवगोमंतक, तिफण (UGC Care list) Journal, एप्रिल- मे -जून, २०२२.
2. 'आभाळवाटा' या काव्यसंग्रहाचा विवेचनात्मक परामर्श, पंचधारा (UGC Care list) Journal, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६५, अंक दुसरा, जुलै-ऑगस्ट-सप्टेंबर, २०२२
3. पानिपत कादंबरीचे नाटकात आणि चित्रपटात माध्यमांतर, पंचधारा (UGC Care list) Journal, एप्रिल- मे -जून, २०२२.

#### Purva Vasta

1. 'शंकर रामाणी यांचे भावविश्व व्यक्त करणारी 'कातरवेळ', पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६५, अंक दुसरा, जुलै-ऑगस्ट-सप्टेंबर २०२२.

#### Mr. Chinmay Ghaisas

1. गूढगर्भी कवितेचा आविष्कार 'दर्पणीचे दीप', पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६५, अंक दुसरा, जुलै-ऑगस्ट-सप्टेंबर २०२२.
2. 'विज्ञानसाहित्य आणि मानवी जीवनाचा सहसंबंध', भाषा आणि जीवन त्रैमासिक, मराठी अभ्यास परिषद पत्रिका (पुणे), वर्ष ४०, अंक ३, पावसाळा २०२२, जुलै-ऑगस्ट-सप्टेंबर २०२२, ISSN – 2231-4059
3. 'गोमंतकातील ग्रामीण नाट्यचळवळ आणि नाट्यग्रंथालये', पंचधारा त्रैमासिक, मराठी साहित्य परिषद (तेलंगण राज्य), वर्ष ६५, अंक तिसरा व चौथा, ऑक्टोबर २०२२ ते मार्च २०२३

#### Dr. Hemant Aiya

1. गोमंतकातील काणकोण तालुक्यातील कालाआणि प्रयोग :बदलते स्वरूप "in UGC Care listed Journal' Aksharvangmay' in February 2023 Year 13, Volume 4, ISSN - .4929 – 2229
2. "मराठी कवितेतून घडणारे मानवता आणि शांती यांचे दर्शन" in book titled as "Literature & Arts for Peace & Humanity", published by Notion Press, May 2023. ISBN: 979889 0660640.

3. Executive editor for Marathi section of the book published by Notion Press, May 2023. Titled as “Literature & Arts for Peace & Humanity”, ISBN: 9798890660640.

**Mr. Jayesh Gaonkar**

1. ‘गोमंतकीय कुळमी जमातीचा शिगमा: स्वरूप, प्रकार आणि वाङ्मय’, UGC CARE Listed Journal अक्षर वाङ्मय (वर्ष तेरावे, पुरवणी अंक ४, खंड ३), फेब्रुवारी २०२३.

**Workshop and Seminar Attended**

**Dr. Vinay Madgaonkar**

1. Workshop on काव्यलेखन, वाचन, सादरीकरण व सर्जनशील लेखन, Organized by Discipline of Marathi, SGSLL, Goa University, 13-18 March 2023.
2. National Seminar ‘Revisiting Literature and Humanities in Contemporary Times; Organized by Discipline of English SGSLL, 25 February 2022.
3. International Conference on ‘महामारी और साहित्य’ Organized by Discipline of Hindi, SGSLL, Goa University, 21-22 February 2022.

**Ms. Purva Pandit Vasta**

1. A six days workshop on ‘काव्यलेखन, वाचन, सादरीकरण व सर्जनशीललेखन’ from 13<sup>th</sup> to 18<sup>th</sup> March 2023. Organized by Marathi discipline of Shenoji Goembab School of Languages and literature in collaboration with Sant Sohrobanath Ambiye Chair, VRPP.

**Books:**

**Mr. Chinmay Ghaisas**

1. कवडसे (लेखसंग्रह) Kavadase (collection of essays)

**Book Chapters**

**Sunita S. Umraskar**

1. शंकर रामाणी यांच्या कवितेतील प्रतिमाविश्व- कविवर्य शंकर रामाणी जन्मशतसांवत्सरिक, Goa, June 2022.

**Conference proceedings:**

**Sunita S. Umraskar**

१. लोकसाहित्याची भाषा: संशोधकांपुढील आव्हाने, Samiksha Publication, Pandharpur, November 2022, ISBN-978-93-95702-42-3
२. संत वाङ्मयमानवता व शांती, Literature and Arts for Peace and Humanity, Goa, 2022, ISBN- 979-889066064-0

**Mr. Jayesh Gaonkar**

१. ‘गोमंतकीय कुळमी लोककथांतून आविष्कृत होणारी मानवता’, Literature and Arts for peace and Humanity. Published by INNSAEI journal, May 2023, ISBN 9798890660640

## Presentations and Lectures

### Dr. Vinay Madgaonkar

1. गोमंतकीय लोकनाट्य आणि शिवोलोतील जागर (Research Paper) Nat. Seminar on गोमंतक आणि सीमाभागातील लोकसाहित्याचा सांस्कृतिक व भाषिक अनुबंध, Ganapat Parsekar Collage of Education, Harmal, in association with Directorate of State Language, Goa Government, 04 March 2023.
2. 'गोमंतकात शिव-शंभूचा आठवावा प्रताप', (Resource Person), स्वराज्य युवा फाउंडेशन, मेरशी, 19 February 2023.
3. गोव्यातील कदंबांचे राजदैवत श्री सप्तकोटेश्वर आणि छत्रपती शिवाजी महाराज, (Resource Person), भारतीय जनता पक्ष मये, 19 February 2023.
4. 'गोवा विद्यापीठात २०१९ ते २०२२ या काळात प्रस्तुत केलेल्या मराठी प्रबंधांचे पुनरावलोकन (Research Paper) Nat. Seminar on विद्यापीठ स्तरावर मराठी क्षेत्रात संशोधन: पुनरावलोकन आणि भावी दिशा, Marathi Discipline SGSLL, and Sant Sohirobanath Ambiye Chair VRPP, Goa University, 07 February 2023.
5. Swami Vivekanand Goa te Americha (Resource Person), Vivekanand Seva Prasar Pratishtan, Parvari, 22 January 2023.
6. शिवोली गावचो जागर ; संशोधनात्मक परामर्श, (Resource Person), Shenoi Goembab School of Languages and Literature, Goa University, 17 December 2022.
7. Importance of Bharatiy Sanskar in Mordern World, (Resource Person), Bal Sanskar Shibir, Poirah High School, Poirah, 08 November 2022.
8. विद्याधिपती श्री गणेश आणि विद्यार्थी (Resource Person), Moraji Sarvajanic Ganeshotsav Vishvast Mandal, Moraji, 17 September 2022.
9. Swami Vivekanand Yanche Yogavishayak Vichar (Resource Person), Vivekanand Seva Prasar Pratishtan, Parvari, 22 June 2022.

### Dr. Hemant Aiya

1. Presented research paper "गोमंतकातीलकाणकोण तालुक्यातील काला: प्रयोग आणि बदलते स्वरूप" in "प्रयोगरूप लोककला : बदलते स्वरूप" an one day National Symposium held at Karmaveer Bhaurao Patil College -Pandharpur, Maharashtra, 11th February 2023.
2. Delivered an Interactive lecture on Topic "काणकोणचो कालो: नियाळ आनी नवसर्जनाची संद" to the Students of Konkani Discipline of SGSLL, Goa University at Block 'B' of Goa University on 20th December 2022.
3. Invited for Interview & Panel Discussion in "पयलें युवा कोंकणी कथा संमेलन" as a winner of National Sahitya Academy Yuva Purskar winner of 2019. This meet was organized by Discipline of Konkani SGSLL, Goa University on 27th & 28th February 2023.

### Seminars, Conferences, Workshops, Guest Lectures, outreach and other activities organized:

| Sr. No | Programme  | Date       | Coordinator         |
|--------|--|------------|---------------------|
| 1      | Shankar Ramani poetry recitation completion  | 26/6/2022  | Mr. Vinayak Bapat   |
| 2      | On the occasion of B. B. Borkar death anniversary, Poetry recitation competition was organized | 08/07/2022 | Ms. Purva Vasta     |
| 3      | One-Day workshop on 'Copyright Law'  | 12/07/2022 | Mr. Chinmay Ghaisas |



|    |  |                   |                      |
|----|--|-------------------|----------------------|
| 4  | Historical Archives Exhibition on ‘Goan Freedom Struggle’ In association With Archives Department, Goa Government.   | 15/07/2022        | Dr. Vinay Madgaonkar |
| 5  | Azadi ka Amrut Mahotsav  | 12/08/2022        | Ms. Purva Vasta      |
| 6  | Raksha Bandhan Programme for Bhartiya Army ‘Ek rakhi sainikasathi’<br>Commanding Officer Colonel MKS Rathore of 1 Goa BN NCC was Chief Guest.  | 19/08/2022        | Dr. Vinay Madgaonkar |
| 7  | Inaugural function of Sharada Vidyarti Mandal, Marathi Adhyayansakha, was organized; Prof. Savita Kerkar, Director of VRPP was the chief guest for the function.   | 20/09/2022        | Ms. Purva Vasta      |
| 8  | Mentoring Event ‘Useful Resources and Use of Technology in Localisation’   | 29/09/2022        | Mr. Chinmay Ghaisas  |
| 9  | One-Day Event ‘Careers in Languages and Literature’  | 30/09/2022        | Mr. Chinmay Ghaisas  |
| 10 | ‘Marathi Vinodi Sahitya’ Guest lecture by Dr. Vinod Gayakwad, former Head, Marathi Department, Rani Chennamma University, Belagavi, Karnataka.   | 19.11.2022        | Dr. Vinay Madgaonkar |
| 11 | Marathi Deewali Ank: Exhibition and Reading was organized in collaboration with Goa University library.  | 21/11/2022        | Ms. Purva Vasta      |
| 12 | Guest lecture of Goan Marathi Writer Shri. Vithal Gawas on topic ‘फिंगर बाऊल कथासंग्रहातील कथांची निर्मितीप्रक्रिया’   | 28/11/2022        | Mr. Jayesh Gaonkar   |
| 13 | Samvidhan Diwas  | 26/11/2022        | Dr. Hemant Aiya      |
| 14 | Guest lecture on ‘संस्कृत मराठी व्याकरण सहसंबंध’ by Dr. Somnath Komarpant.   | 06/12/2022        | Ms. Purva Vasta      |
| 15 | Study Tour: in association with Sant Sohriobanath Ambiye Chair, VRPP.<br>A memorial of chieftains – Cuncolim and at Canacona: Great Marathi Author S. S. Desai’s house, Shri Parashuram and Shri Mallikarjun Mandir, meeting with: Dr. Pramada Desai-Marathi Writer, Akalpita Desai, Writer and daughter of S. S. Desai. | 5/12/2022         | Dr. Vinay Madgaonkar |
| 16 | Guest Lecture on ‘A Form of Literature: Autobiography’ by Dr. Atul Chaure.   | 12/12/2022        | Mr. Chinmay Ghaisas  |
| 17 | One-Day National Seminar in association with Sant Sohriobanath Ambiye Chair, VRPP, on ‘ <b>Research in the field of Marathi at University Level: Review and Prospect</b> ’<br>Coordinated with 09 Universities.  | 06and 07/02/ 2023 | Dr. Vinay Madgaonkar |
| 18 | Poetry writing workshop by Vijay Joshi   | 12/02/2023        | Mr. Vinayak Bapat    |
| 19 | ‘जागतिकमराठीभाषागौरवदिवस २०२३’ Eminent Goan Marathi writer Mrs. Radha Bhawe was the chief  | 27/02/2023        | Ms. Purva Vasta      |

|    |   |                          |  |
|----|---|--------------------------|--|
|    | guest for the function. Monologue and Rangoli Competitions were organized on the occasion   |                          |  |
| 20 | Audio – Video documentation of 25 Gaon Marathi Authors, E-Content, Release Ceremony in association with Sant Sohriobanath AMBIYE Chair, VRPP.   | 27/02/2023               | Dr. Vinay Madgaonkar   |
| 21 | A special talk on ‘Women’s health: Nutrition, issues and challenges) was organized on the occasion of International Women’s day. The guest speaker on the occasion was Dr. Reva Dubhashi.   | 08/03/2023               | Ms. Purva Vasta  |
| 22 | Lecture Series of Dr. Aruna Dhere, in association with Sant Sohriobanath AMBIYE Chair, VRPP.  | 08/03/2023<br>11/03/2023 | Mr. Vinayak Bapat<br>Dr. Vinay Madgaonkar<br>(Co- coordinator) |
| 23 | Popetry Writing workshop by Dr. Aruna Dhere, in association with Sant Sohriobanath AMBIYE Chair, VRPP.  | 14/03/2023<br>18/03/2023 | Mr. Vinayak Bapat  |
| 24 | Goan Marathi Documentary Festival based on Goan Culture, History and literature, in association with Sant Sohriobanath AMBIYE Chair, VRPP. 22 documentaries prepared by students under the guidance of Dr. Vinay Madgaonkar were launched.  | 20/03/2023               | Dr. Vinay Madgaonkar   |
| 25 | Aadhibandhatmak Samiksha Lecture by Dr. Aruna Dhere   | 17/03/2023               | Mr. Vinayak Bapat  |
| 26 | Outreach activity ‘Street Play on Road Safety’ at 4 different locations in Panajim ie. Goa University, Dhempo College – Cujira, Panajim Bus stand and Miramar Beach. The street Play was well received and appreciated by the viewers; titled as “वाहतुकसुरक्षासंस्कृती “which was Written and Directed by Asst. Prof. Hemant Aiya. | 20/04’2023               | Dr. Hemant Aiya  |

## Discipline of French and Francophone Studies

### Faculty (Full-time):

- **Anuradha Wagle**, Ph.D., Professor and Head (on lien) - Translation, Linguistics, Teaching Methodology, Culture Studies
- **Irene Silveira**, Ph.D., Assistant Professor - French and Francophone Literature, Culture Studies, Diaspora Studies, Sociolinguistics, Didactics of French as foreign language
- **Natasha Maria Gomes**, Ph.D., Assistant Professor – French Language Teaching Methodology, Development of TLMS, Culture Studies, Functional French.
- **Kshama D. Dharwadkar**, Assistant Professor - Translation, Linguistics, Phonetics, Mythology, Functional French

**Faculty (Contractual):**

- **Shourya Dalvi**, Assistant Professor - Literature, Mythology, Culture studies
- **Anthony Gomes**, Assistant Professor - French phonetics, Francophone studies, French culture, Linguistics, French Literature

**Major Thrust Areas and Achievements:**

Thrust Areas:

French and Francophone Literature, Translation Studies, Linguistics, Teaching Methodology, Cultural Studies, Diaspora studies, Mythology, Socio-linguistics

**Seminars, Conferences, Workshops, etc., organized:**

| <b>Programme</b>  | <b>Date</b>                             | <b>Major Sponsors</b> |
|---|---|-----------------------|
| A series of training sessions to prepare Goa University students for the Competitive Exam- Diplôme d'Etudes en Langue Française (DELF B1).<br>Resource person: Ms. Natasha Gomes  | 05/11/2022 and<br>09/12/2022            | Goa University        |
| Organized a one day workshop on Séquence Pédagogique et Animation de cours de FLE in collaboration with Alliance Française, Panjim<br>Organised by Dr. Irene Silveira   | 17/12/2022                              | Goa University        |
| European Day of Languages,<br>Organized by Dr. Irene Silveira and Ms. Natasha Gomes.  | 26/09/2022                              | Goa University        |
| Freedom Festival 2022 as part of 75 Azadi Ka Amrit Mahotsav<br>Organised by Dr. Irene Silveira  | 14/07/2022 to<br>15/08/2022             | Goa University        |
| Rashtriya Ekta Diwas Pledge<br>Co-ordinator: Dr. Irene Silveira and Ms. Natasha Gomes.  | 31/10/2022                              | Goa University        |
| Film Screening of La vie scolaire,<br>Organized by Ms. Natasha Gomes  | 23/11/2022                              | Goa University        |
| Film Screening of Le Petit Prince (2015)<br>Organized by Ms. Natasha Gomes  | 30/ 01/ 2023                            | Goa University        |
| Multiple Perspectives in Translation Studies<br>Resource persons: Prof. Anuradha Wagle and Ms. Kshama Dharwadkar<br>Organized: Prof. Anuradha Wagle, Ms. Kshama Dharwadkar, Mr. Anthony Gomes, Ms. Shourya Dalvi, Dr. Irene Silveira, Ms. Natasha Gomes | 30/09/2022                              | Goa University        |
| Workshop on Intercultural Perspectives (Voyage en Inde) Organized by Ms. Natasha Gomes  | 7/11/2022,<br>19/11/2022,<br>19/04/2023 | Goa University        |
| La Semaine de la francophonie<br>Co-ordinators: Kshama Dharwadkar, Shourya Dalvi  | 21/3/2023,<br>24/3/2023,                | Goa University        |

|  |   |                                     |
|--|---|-------------------------------------|
| and Anthony Gomes  | 25/3/2023   |                                     |
| Reading Festival<br>Organised by Dr. Irene Silveira  | 17/11/22,<br>19/11/22,<br>16/12/22,<br>20/12/22,<br>04/02/23,<br>24/02/23 | Goa University                      |
| FYBA Orientation<br>Resource persons: Shourya Dalvi and Anthony Gomes  | 13/09/2022  | Goa University                      |
| TYBA Project Orientation<br>Resource Person: Dr. Arvind Haldankar<br>Co-ordinators: Kshama Dharwadkar, Shourya Dalvi and Anthony Gomes             | 26/09/2022  | Goa University                      |
| Women in Localisation India Chapter- Mentoring event<br>Resource persons: Kshama Dharwadkar and Chinmay Ghaisas<br>Co-ordinator: Kshama Dharwadkar | 29/09/2022  | Women in Localisation India Chapter |
| FYBA EVS Field Trip<br>Co-ordinators: Saili Parab and Jeanette Camilla Barbosa Noronha.  | 11/10/2022  | Goa University                      |
| 'Study in France' a visit by Campus France<br>Co-ordinator: Shourya Dalvi  | 20/01/2023  | Goa University and Campus France    |
| National Voter's Day<br>Co-ordinator: Shourya Dalvi  | 25/01/2023  | Goa University                      |
| International Women's Day<br>Co-ordinators: Shourya Dalvi and Jeffy Rodrigues  | 08/03/2023  | Goa University                      |
| Trajeux- la traduction avec les jeux ludiques<br>Resource Person: Savani Barve<br>Co-ordinator: Kshama Dharwadkar                                  | 11/03/2023  | Goa University                      |

### Achievements:

#### Awards

- **Dharwadkar, K.** Exceptional French Language Teacher Award by the Embassy of France in India.

#### Scholarships awarded

- **Gomes, A.** Scholarship from the French Embassy and Institut Français en Inde (French Institute in India) for International Teachers' Training at l'Alliance Française de Paris Ile-de-France (AFPIF) in France from 27 March to 07 April 2023.
- **Gomes, A.** Scholarship from the Institut Français en Inde (French Institute in India) for Université Pédagogique Régionale Inde 2023 at Goa University from 22 to 26 May 2023.
- **Dalvi, S.** Scholarship from the Institut Français en Inde (French Institute in India) for Université Pédagogique Régionale Inde 2023 at Goa University from 22 to 26 May 2023.

## Research Publications:

### Articles in journals:

- **Dand, M.; Gomes, N.** Motivation and Interest in Learning a Foreign Language during the Covid-19 Pandemic. *Caraivéti* Vol. V Issue 2, January-June 2022; 84-95. ISSN : 2456-9690
- **Gomes, A.** Le monde arabe-libyen des années 80 à travers le roman « L'Arabe du Futur 1 » de Riad Sattouf. *Caraivéti-Démarche de sagesse*. Volume VI, Issue 1 July-Dec 2022 ISSN: 2456-9690.
- **Dharwadkar, K.** Le Palais des Illusions à travers la traduction - un médium osmotique entre les langues et les cultures. *Caravati-Démarche de sagesse*. Volume VI, Issue 1 July-December 2022 ISSN-2456-9690 UGC CARE listed.
- **Dalvi, S.** La Représentation des femmes en Inde et en Afrique de l'Ouest: Une étude comparative de "Ségou: les murailles de terre", "Ségou: la terre en miettes de Maryse Condé" et "Roots and Shadows" de Shashi Deshpande. *Caravati-Démarche de sagesse*. Volume VI, Issue 1 July-December 2022 ISSN-2456-9690 UGC CARE listed.
- Vaz, V.; **Dharwadkar, K.** L'analyse critique de la traduction de « Le Tartuffe ou L'Imposteur » en konkani- *Synergies Turquie*. Numéro 15/Année 2022.
- **Gomes, A.** The French language and the Goan intelligentsia: Francisco Luís Gomes, the paradigm. *REVISTA da Casa de Goa*. II Series - Issue 21 - March/April 2023 ISSN: 2184-7045.
- **Gomes, A.**; Barbosa Noronha, J.C. Shenoï Goembab: The language luminary. *REVISTA da Casa de Goa*. II Series – Issue 22 – May/June 2023 ISSN: 2184-7045.
- Ghaisas, C.; **Dharwadkar, K.** Rose. *Kelyané Bhashantar*, Kalasakta, Pune, April-June 2023.
- Barreto-Alberto, L.; **Silveira, I.** D'Os Lusíadas a Luzitayonn: uma análise do Canto VII da epopeia de Camões, e da sua tradução concaním por Olivinho Gomes. *Revista Desassossego*. "ALÉM DA TAPROBANA... MEMÓRIAS GLORIOSAS": OS LUSÍADAS 450 ANOS. VOLUME 15 NÚMERO 29 | JAN/JUN 2023 | DOSSIÊ
- **Silveira, I.** Les Avatars Du Petit Chaperon Rouge: Entre Réécriture Et Réappropriation. *Caraivéti*. Vol VI Issue 1; July- December 2022. ISSN : 2456-9690.
- **Silveira, I.** Goa to Paris: Migration trajectories, settlement struggles, and social networks. *South Asian Diaspora*, 15 (1), 2023. Print ISSN: 1943-8192 Online ISSN: 1943-8184

### Book Chapters

- **Gomes, N.** The Goan Common Man looks Idhar-Udhar: Analysis of Uddhar Sawkar's editorial cartoons. *Tradition, Continuity & Change: Goan Society in Transition(s)*. Edited by Prof. Nina Caldeira. Published by Broadway, Goa. 2023.
- **Dharwadkar, K.** Block 1-Histoire Générale de la traduction-Unit 1-Notions de base et terminologie. *Introduction à la traductologie*. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9
- **Dharwadkar, K.** Block 1-Histoire Générale de la traduction-Unit 2-Évolution de la discipline de la traduction à l'Occident. *Introduction à la traductologie*. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9
- **Dharwadkar, K.** Block 1-Histoire Générale de la traduction-Unit 3-Évolution de la discipline de la traduction en Inde. *Introduction à la traductologie*. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9

- **Dharwadkar, K.** Block 1-Histoire Générale de la traduction-Unit 4-Culture et notions de l'identité. Introduction à la traductologie. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9
- **Dharwadkar, K.** Block 2-Grandes Théories de Traduction et Valeur Sémantique-Unit 1-Théories interprétatives-TIT, littéraires, et sémiotiques de la traduction. Introduction à la traductologie. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9
- **Dharwadkar, K.** Block 2-Grandes Théories de Traduction et Valeur Sémantique-Unit 2-Théories communicatives, sociolinguistiques et herméneutiques de la traduction. Introduction à la traductologie. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9
- **Dharwadkar, K.** Block 2-Grandes Théories de Traduction et Valeur Sémantique-Unit 4-La Perspective indienne. Introduction à la traductologie. Indira Gandhi National Open University, 2023. ISBN: 978-93-5568-830-9

#### Conference proceedings:

- **Gomes, N.;** Deshmukh, A.: Behind the Screen: Collaborative development of an online theater course, Bridging Educational Emergency to Digital Pedagogies. Proceedings of the BRIDGES Symposium, Vipava, Slovenia, September 2022. June 2023. ISBN: 978-84-19690-98-2 <https://octaedro.com/producto/bridging-educational-emergency-to-digital-pedagogies/>
- **Silveira, I.;** Deshmukh, A. Computational Thinking, History and Non-formal Learning-A Well-crafted Blend! In Zhang, X. Glahn, C., Fanchamps, N., & Specht, M. (Eds.). (2022). Proceedings of Sixth APSCE International Conference on Computational Thinking and STEM Education 2022. CTE-STEM. TU Delft Open Publishing; 110-116. ISBN: 978-94-6366-563-6. (15-17 June 2022)

#### Ph.Ds:

Degree Awarded: 1

Submitted: NIL

Students on Roll: 06

#### Conference Presentations, Lectures:

- **Dalvi, S.** Resource Person - Foreign Language Learning through games and creative Activities” for the teachers of French Department of Vidya Vikas Academy, Margao as a part of Subject Pedagogical Training on 13<sup>th</sup> August 2022.
- **Gomes, A.** Resource person- Training session for French teachers on Contextualization of French as a Foreign Language. Vidya Vikas Academy. 20<sup>th</sup> August 2022.
- **Dharwadkar, K.** Resource Person- Useful Resources & Role of Technology in L10n. Women in Localization India Chapter-Mentoring Event. Women in Localization India Chapter. 29<sup>th</sup> September 2022.
- **Dharwadkar, K.** Resource Person- Life as a Professional Translator. Multiple Perspectives in Translation Studies. Discipline of French and Francophone Studies, Shenoj Goembab School of Languages and Literature, Goa University. 30<sup>th</sup> September 2022.
- **Dharwadkar, K.** “Tartuffe ou L’Imposteur” et ses traductions. Étude des langues romanes à l’époque du polylinguisme. Ministère de la science et de l’enseignement supérieur de la Fédération de Russie Etablissement d’enseignement supérieur de la Fédération de Russie, Université linguistique d’Etat de Moscou, Federal State

Budgetary Educational Institution of Higher Education «Moscow State Linguistic University» (MSLU), Faculté de langue française. 20-22 October 2022.

- **Gomes, N.:** Using Multiperspectivity to explain contemporary issues in France to learners in India. Int. Conf. Recent Trends in Teaching-Learning Practices in Language, Literature, Humanities and Social Studies. 10-11 Nov. 2022.
- **Gomes N.:** Resource Person for workshop titled Séquence Pédagogique et Animation de cours de FLE on 17 Dec. 2022, organized by Discipline of French, Goa University.
- **Gomes, A.** Les traces de la mentalité de garnison dans « La maudite Québécoise » de Janis Locas. La littérature comme élément fondamental des consciences québécoises. Department of French Studies, Banaras Hindu University. 16-18 January 2023.
- **Dalvi, S.** La société québécoise sous le regard enfantin dans « La Sœur de Judith » de Lise Tremblay, International Conference on La Littérature comme élément fondamental des consciences québécoises. Department of French Studies, Benaras Hindu University. January 16-18 2023
- **Gomes N.:** Resource Person in the online training on “Development of Online Course” from 27 February 2023 - 03 March 2023 for State Resource Groups/ Master Trainers of states/ UTs and autonomous organizations conducted by Central Institute of Educational Technology (CIET).
- **Gomes N.:** Resource person in the workshop on Developing Training Package on ‘Development of Online Course’ from February 20th to 24th, 2023 conducted by Central Institute of Educational Technology (CIET).
- **Gomes N.:** Teaching Associate in the successful completion of the “Designing Learner centric MOOCs” (LCM) course conducted by Educational Technology department, IIT Bombay on NPTEL-SWAYAM, from January 2023 till February 2023.
- **Dharwadkar, K.** Resource Person- Masters in French Series. The French Department of Ramnarain Ruia Autonomous College, Mumbai. 4<sup>th</sup> February 2023.
- **Gomes, A.** Resource person- Workshop for students on La prononciation et ses nuances en français. Parvatibai Chowgule College of Arts and Science. 04<sup>th</sup> March 2023.
- **Dalvi, S.** Resource Person - French Poster Making Workshop “**French Musings**” in collaboration with Alliance Francaise Panjim at Mademoiselle, Assagao on 18<sup>th</sup> March 2023.
- **Gomes, A.** Les romans graphiques au niveau universitaire. Nouvelles Tendances des Études de Français en Inde. Department of French, Chandernagore College. 20-21 May 2023.
- **Silveira, I.:** Pandemic and French Literature. International Seminar ‘Pandemic and Literature’. Goa University. 21-22 Feb 2023
- **Silveira, I.** Resource Person in the online training on “Development of Online Course” from 27 February 2023 - 03 March 2023 for State Resource Groups/ Master Trainers of states/ UTs and autonomous organizations conducted by Central Institute of Educational Technology (CIET).
- **Silveira, I.** Teaching Associate-“Designing Learner centric MOOCs” (LCM) course conducted by Educational Technology department, IIT Bombay on NPTEL-SWAYAM. Jan- Feb 2023.

- **Silveira, I.:** Resource person in the workshop on Developing Training Package on ‘Development of Online Course’ from February 20th to 24nd , 2023 conducted by Central Institute of Educational Technology (CIET).

## Discipline of Portuguese and Lusophone Studies

### Faculty (Full-time):

- **Scarlet Ava Fernandes**, M.A., Assistant Professor – Portuguese Language and linguistics, Teaching Portuguese as an Additional Language and Creative writing
- **Dhruv Sudin Usgaonkar**, M.A., Assistant Professor – Portuguese as an international language, the Lusophone World, Intercultural studies, Cultural Diplomacy & Soft Power
- **Loraine Ethel Barreto Alberto**, M.A., Assistant Professor – Indo-Portuguese Literature & Teaching Portuguese as a Foreign Language
- **Franz Schubert Agnelo De Miranda Cotta**, M.A., Assistant Professor – Lusophone literature and culture; Translation and cultural studies; Performative arts and traditions

### Faculty (on contract):

- **Jeanette Camilla Barbosa Noronha**, M.A., Assistant Professor – Foreign Language Acquisition, Teaching Portuguese as a Foreign Language
- **Jeffy Veleny Rodrigues**, M.A., Assistant Professor – Foreign Language Acquisition, Teaching Portuguese as a Foreign Language

### Visiting Faculty:

- **Delfim Correia da Silva**, M.A., M.Phil., UGC - Assistant Professor/Visiting Faculty (under Indo-Portuguese Cultural Exchange Programme) – Interdisciplinary Portuguese Studies (Teaching Portuguese as Foreign Language, Portuguese Literature and Linguistics)
- **Marcelle Feigol Guil**, M. Phil - Visiting Lecturer under Leitorado Guimarães Rosa (Brazilian Ministry of External Affairs) - Applied Linguistics; Critical Intercultural Competence; Teaching of Portuguese/English as an Additional Language; Brazilian and African Literature; Multilingualism.

### Thrust Areas:

- Indo-Portuguese Studies

### Achievements:

#### Scholarship awarded

- Loraine Ethel Barreto Alberto, October 2022 - Erasmus+ Mobile 2 Be, Staff Mobility for Teaching and Training, University of Porto, Portugal (10th-14th October 2022).
- Jeanette Camilla Barbosa Noronha, July 2022 – Full Scholarship to attend CAPPLE - Refresher Course for Teachers of Portuguese as a Foreign Language, University of Porto. Awarded by Camões I.P.



**Visiting Researcher:**

- Lucas Cole Joshi – Fulbright-Nehru Scholar, August 2022 – April 2023.

**Seminars, Conferences, Workshops, etc., organized:**

| Programme   | Date                     | Major Sponsors                        |
|---|--------------------------|---------------------------------------|
| 1) Intercultural Communication: A critical approach to language teaching and learning | 26/ 11/ 2022             | Instituto Guimarães Rosa              |
| 2) Toward (Un)questioning: Practices of Theoretical Research                          | 16/ 12/ 2022             | -                                     |
| 3) Uma Estranha em Goa - Oficina de Escrita Criativa para alunos e docentes de PLE    | 4/ 2/ 2023               | Instituto Camões                      |
| 4) Conferências Lusófonas   | 15/ 2/ 2023              | Instituto Camões                      |
| 5) Training Programme for teachers of Portuguese as a foreign language                | August 2022 – March 2023 | Instituto Camões and Fundação Oriente |

**Invited Talks:**

- Talks - Potential Opportunities for Speakers of Portuguese as an Additional Language and Academic Mobility Programmes in Brazil, by **Dhruv Usgaonkar** and **Marcelle Feigol Guil** (guest speakers) at Dhempe College of Arts and Science, Panaji, and DMC College, Assagao. Goa, 5th August 2022.
- Invited lecture - Research in Indo-Portuguese Studies - by Dr. R. Benedito Ferrão (Assistant Professor of English & Asian and Pacific Islander American Studies, William & Mary, USA), 22nd Dec 2022.
- Invited lecture - Multilingualism in the Global South: Presenting the norm, not the exception - Ms. Alexa Anthonie, PhD scholar in Sociolinguistics at Stellenbosch University, 13th March 2023; coordinated by Marcelle Feigol Guil/ Leitorado Guimarães Rosa.
- **Usgaonkar, D. S:** The Portuguese Language in Goa: The Present and the Future, by Giants Group of Panaji, 13<sup>th</sup> March 2023.

**Research Publications:****Journal Articles- Nil****Other publications:**

- **Gomes, A.; Barbosa Noronha, J.C.:** Shenoí Goembab – The Language Luminary. Revista da Casa de Goa. II Series – Issue 22 – May/June 2023 ISSN: 2184-7045
- **Barbosa Noronha, J.C.:** Os Javalis de Codval, por Epitácio Pais: a sociedade goesa

### Book Chapters

- **Silva, D. C.** & NEWMAN, Robert Samuel (ed.). *Traces on the sea: Portuguese interaction with Asia*. Coimbra University Press. August 2022. ISBN 978-989-26-2293-4
- **Silva, D.C.** “Introduction (Foreword)” in *Traces on the sea: Portuguese interaction with Asia*. Coimbra University Press. August 2022. pp.19-34

### Conference Proceedings

- **Fernandes, S.A.:** *Língua materna na aula de Português como língua estrangeira em Goa, Índia* [Mother tongue language in the Portuguese foreign language classroom in Goa, India] LUSOCONF2021: Proc. of III Encontro Internacional de Língua Portuguesa e Relações Lusófonas. 2022; 254-261.

### Conference Presentations, Lectures, etc.

- **Silva, D.C.:** *A literatura goesa no ensino do Português Língua Estrangeira na Índia*. Online Séminaire Inter Universitaires, Session 3. Université d’Aix-Marseille - UFR ALLSH Département d’Études Portugaises et Brésiliennes. 30 May 2022.
- Participation as a member of the Executive Committee of III Conecta Leitores: Os 70 Anos do Programa Leitorado - Pluralidade e Heterogeneidade de Línguas e Culturas do Brasil, by Ms. **Marcelle Feigol Guil**. Community of Portuguese Speaking Countries (CPLP), Lisbon. 29 May-1st Jun 2022.
- **Barreto-Alberto, L.; Barbosa Noronha, J.C.:** *The emergence of the Independent Press in 19th Century Goa*. 2nd International Lisbon Congress of the IGSCP-PE: Liberalism and the Colonial Periodical Press. Centre for Humanities - CHAM, Nova University of Lisbon. 21-22 Sep 2022.
- **Barreto-Alberto, L.:** *O Português de Goa*. **Open lecture**. Erasmus+ Mobile 2Be Faculty Mobility Scholarship. Faculdade de Letras da Universidade do Porto. 11 Oct 2022.
- **Fernandes, S.A.:** *Teatro do Leitor numa sala de aula virtual síncrona de Português Língua Estrangeira*. VII Jornadas Pedagógicas. Universidade Nacional Timor Lorosa'e, Timor. 19-21 Oct 2022.
- **Barreto-Alberto, L.:** *The role of 19th-century Historiographers in the cultural structuring of the Portuguese Konkan*. One-day National Seminar on the theme Historical Archives of Goa: A Connect to Regional History. Dept. of History, Govt. College of Arts & Science, Virnoda - Pernem and Dept. of Archives, Govt. of Goa. 21 Oct 2022.
- **Silva, D.C.:** Participation in the Round-Table Conference “India – Lusophone Historical and Cultural Linkages: Retrospect and Prospects,” as part of the International Lusophone Festival, 4<sup>th</sup> December 2022, Goa.
- **Barbosa Noronha, J.C.:** *Higher Education in Portuguese and Lusophone Studies in India: From Inheritance to Contemporary Prospects*. Round-Table Conference on India-Lusophone Historical and Cultural Linkages: Retrospect and Prospects.

International Lusophone Festival, organized by the Ministry of External Affairs, Govt. of India, the Govt. of Goa, and Goa University. 4 Dec 2022.

- **Cotta, F. S.:** Understanding the socio-political impact of post-colonial land reforms in Goa. National Seminar on “State, Politics and Policy in Goa.” D.D. Kossambi School of Social Sciences and Behavioural Studies, Goa University. 16-17 Jan 2023.
- **Barreto-Alberto, L.:** The Epidemic of Blindness of José Saramago. International Conference on the theme Mahamari aur Sahitya. Discipline of Hindi, Sheno Goembab School of Languages & Literature, Goa University. 21-22 Feb 2023.
- Discussion - A Better World for Women - on International Women’s Day, coordinated by Ms. Shourya Dalvi and Ms. **Jeffy Rodrigues**, 8 March 2023.
- **Silva, D.C.:** Portuguese Language in India: Historical and Cultural relations. (Online). Spring Conferences 2023. CCCM (Centro Científico e Cultural de Macau). 24<sup>th</sup> March 2023

## 2.2 D. D. KOSAMBI SCHOOL OF SOCIAL SCIENCES AND BEHAVIOURAL STUDIES (DDKSSSBS)

### D. D. KOSAMBI SCHOOL OF SOCIAL SCIENCES AND BEHAVIOURAL STUDIES



#### Programmes and Degrees:

|                                 |                  |
|---------------------------------|------------------|
| Sociology                       | (M.A. and Ph.D.) |
| History                         | (M.A. and Ph.D.) |
| Political Science               | (M.A. and Ph.D.) |
| Library and Information Science | (M. L. I. Sc.)   |

**Dean:** Prof. Ganesha Somyaji

**Vice-Dean (Academic):** Associate Prof. Parag D. Parobo

**Vice-Dean (Research):** Associate Prof. Joanna Pereira Coelho

#### Discipline of Sociology

##### Faculty (Full-time):

- **Ganesha Somayaji**, Ph. D., Professor and Dean–Social Theory, Sociology of Language, Food and Society
- **Joanna Pereira Coelho**, Ph. D., Associate Professor and Vice-Dean (Research)–Sociology of Indian Society, Sociology of Language, Environment and Society, Political Sociology, Refugee Studies
- **Arvind N. Haldankar**, Ph. D., Associate Professor– Sociology of Tribes, Research Methodology, Environmental Sociology
- **Favita Rochelle Dias (on EOL)**, M. A., Assistant Professor (On EOL) –Caste, gender and sexuality
- **Mozinha Fernandes**, Ph.D., M.A., Assistant Professor–Tribal culture, Gender studies
- **Ninotchka Mendes**, M. A., Assistant Professor – Tourism in Goa and Livelihood Dynamics
- **Sangeeta Tate**, M. A., Assistant Professor - Migration, Environment sociology, and Tribal studies

## Research publications:

### Articles in journals:

- **Prof. Ganesha Somatyaji**  
Coelho, J.P., Somayaji, G. South Asia Research, 2022. Religion as Stateless Hegemony: Democracy and the continued Dominance of Tibetan Buddhism in Exile 42(3), pp. 414–427.
- **Dr. Joanna P. Coelho**
  - a. Coelho, J.P. **South Asian Diaspora**, 2023, The paradox of citizenship and nationality among Tibetans living in India 15(1), pp. 81–95
  - b. Coelho, J.P., Somayaji, G. South Asia Research, 2022. Religion as Stateless Hegemony: Democracy and the continued Dominance of Tibetan Buddhism in Exile 42(3), pp. 414–427.
- **Dr. Mozinha Fernandes**
  - a. Tribal Imprint on Goa’s Cultural Identity: Kunbi-Gawdaization of Goa <https://doi.org/10.1177/2455328X221118793>Journal -Contemporary Voice of Dalit (Scopus)
  - b. Deschooling: Covid 19, Online Teaching and Digital Divide A Case Study of Tribal Students in Goa.Journal- Annamalai International Journal of Business Studies and Research.
- **Ms. Ninotchka Mendes**
  - a. Paper titled ‘Deschooling: Covid 19, Online Teaching, and Digital Divide A Case Study of Tribal Students in Goa’ published in the Annamalai International Journal of Business Studies and Research Vol14 (2), February 2023

### 1. Conference Presentations, Lectures, etc.

- **Prof. Ganesha Somayaji**
  - Presented a paper entitled “Blending Indigenous Practices and Novel Scientific Opportunities in Marine Farming in Goa: An Exploration into Sustainable Rural Development” in the Indo-German bilateral workshop titled “Mari-Sustain: Marine Farming - opportunity towards entrepreneurship, self-employment and sustainable rural development” funded by IGSTC and coordinated by Goa University and Leibniz-ZMT being held at Bremen, Germany during 23-25 August 2022 funded by Indo German Science and Technology Centre (IGSTC).
- **Dr. Arvind Haldankar**
  - Presented a research paper entitled ‘Sacred Highlands to Lowlands: Understanding Dynamics of Tradition and Livelihood of Velips in Goa’ in the Research Committee of Adivasi & Tribal Studies at the All-India Sociological Conference at the University of Science and Technology Meghalaya on 20 to 22 December 2022.
- **Dr. Mozinha Fernandes**
  - “The Marginalised Minority, Christian Gawda Tribe of South Goa: Impact of Covid 19 and Survival Strategies” at XIV Karnataka Sociology Association National Sociology Conference on 9 and 10 November 2022.
  - “Deschooling: Covid 19, Online Teaching, and Digital Divide A Case Study of Tribal Students in Goa” in the International Conference on Emerging Trends in Online Teaching, Assessment and Learning (eTOTAL) held on 24th and 25th February 2023.

- **Ms. Ninotchka Mendes**
  - ‘Covid-19 Pandemic and Tourism in Goa: An Explorative Case Study’ was presented in the XIV National Sociology Conference organised by the Karnataka Sociological Society (KSA) at Kuvempu University, Shimoga on the theme ‘Reconstructing Society in Post Covid-19 India: Challenges and Opportunities for Sociology on 9<sup>th</sup> and 10<sup>th</sup> November 2022
  - Paper titled ‘Deschooling: Covid 19, Online Teaching, and Digital Divide A Case Study of Tribal Students in Goa’ was presented at an International Conference on ‘Emerging Trends in Online Teaching, Assessment and Learning (etotal) organised by State Project Directorate (RUSA), Tamil Nadu on 24<sup>th</sup> and 25<sup>th</sup> February 2023.
- **Ms. Sangeeta Tate**
  - Paper titled, “Migrant Worker, Livelihood and Pandemic: Exploring the Trajectories and Challenges of Banjaras in Goa” presented at XIV National Sociology Conference organised by the Karnataka Sociological Society (KSA) at Kuvempu University, Shimoga on the theme ‘Reconstructing Society in Post Covid-19 India: Challenges and Opportunities for Sociology on 9<sup>th</sup> and 10<sup>th</sup> November 2022
  - Presented a paper titled “Migration, Pandemic and Resilience: A Case Study of Banjaras in Goa” at International Conference on ‘Social and regional Resilience: looking through the pandemic lens’ organised by Regional Science Association, and TISS institute, Mumbai

## 2. Webinars/Workshops Participation

### Ms. Ninotchka Mendes

1. "Writing Manuscripts & Publishing in Quality Research Journals" organized by the Directorate of Internal Quality Assurance (DIQA) /IQAC, Goa University on 27<sup>th</sup> August, 2022
2. Participated in the XXIII Local History Seminar on the topic ‘Goa After Liberation: Themes and Issues’ and a symposium on ‘Archives and History of Goa organised by the Archives of Goa, Government of Goa and D.D. Kosambi School of Social Sciences and Behaviourial studies, Goa University on 20<sup>th</sup> January 2023.

### Ms. Sangeeta Tate

1. Workshop titled, “Writing Manuscripts & Publishing in Quality Research Journals" organized by the Directorate of Internal Quality Assurance (DIQA) /IQAC, Goa University on 27 August, 2022
2. Participated in the XXIII Local History Seminar on the topic ‘Goa After Liberation: Themes and Issues’ and a symposium on ‘Archives and History of Goa organised by the Archives of Goa, Government of Goa and D.D. Kosambi School of Social Sciences and Behaviourial studies, Goa University on 20<sup>th</sup> January 2023.
3. Participated in Workshop on NEP 2020: Languages, Culture and

Values on Wednesday, 15<sup>th</sup> March 2023 organised by UGC-HRDC, Goa University.

4. Participated in One Day State Level Orientation Program cum Workshop on “New Dimensions of All India Survey of Higher Education, organised by AISHE cell of IQAC, Goa University on 16<sup>th</sup> March 2023

### **3. Lectures on other occasions**

#### **Dr. Arvind N. Haldankar**

- a. Resource person at the National Workshop on ‘Forest Laws Tribal Welfare & Rights of Forest Dependent Indigenous Communities in India’ held at Dr. Ram Manohar Lohiya National Law University Lucknow from 09 to 14 May 2023.
- b. Resource person at the National Seminar on ‘Prioritizing Indigenous & Tribal people in India’s Forest Governance: Legal, Institutional & Environmental Dimensions’ held at Dr. Ram Manohar Lohia Law University, Lucknow from 13 to 14 May 2023.
- c. Resource person at the Refresher Course in Political Science (online) on the topic ‘Tribal Movement in Goa’, organized by UGC-Human Resource Development Centre, Goa University on the theme ‘Changing Trajectories of Politics: Local, National & Global Perspectives’ on 10 March 2023
- d. Guest Speaker for a one-day Workshop on ‘Tenancy Rights’ at Carambolim Village Panchayat organized by the UGC Centre for Social Exclusion and Inclusive Policy in association with Village Panchayat Carambolim & Jan Kalyan Seva Dal on 05 March 2023.
- e. Resource person at the International Conference on ‘Tribal Development in India: Issues and Challenges’ organized by S. D. Govt. College, Beawar, Ajmer, Rajasthan in collaboration with Research Committee-21 (Political Sociology) Indian Sociological Society on 12-13 January 2023.
- f. Chairperson of Research Committee session on Adivasi & Tribal Studies at the All India Sociological Conference at the University of Science and Technology Meghalaya on 20-22 December 2022
- g. Resource person at the Refresher Course in Environmental Science (Inter-Disciplinary) Online on the topic 'Pioneers in Ecological Tradition' conducted by the UGC Human Resource Development Centre Goa University on 07 December 2022.
- h. Resource person at the one-day Interdisciplinary National Conference on “Women’s Contribution to Modern Indian Society” organized by Indirabai Meghe Mahila Mahavidyalaya at Amravati Maharashtra on 07 November 2022
- i. Delivered a lecture on ‘India between Globalisation and de-globalisation’ on the Occasion of the Diamond Jubilee year celebration of Shivaji University, Kolhapur on 13<sup>th</sup> September 2022.
- j. Chaired a session in an Online National level Research Methodology Course (10 days) organized by the Department of Sociology, Government College of Arts & Science, Aurangabad (MS), sponsored by ICSSR on 18 May 2022.
- k. Engaged a career counselling session with the students at the Bhumika Higher Secondary Sanquelim on 25 June 2022.
- l. Under the Ek Bharat Shreshtha Bharat campaign visited the Central University of Jharkhand for an Academic and Cultural Exchange programme from 17 to 21 January 2023.

- m. Delivered a lecture on 'Indigenous Communities and Culture in Goa' during the Academic and Cultural Exchange programme under the Ek Bharat Shrestha Bharat campaign from 17 to 21 January 2023.

**Dr. Mozinha Fernandes**

- Delivered a lecture on "Understanding the Life of Scheduled Tribes in Goa" on 14 March 2023 in Government College of Arts, Science and Commerce, Quepem Goa.

**Ms. Ninotchka Mendes**

- Invited as a resource person organised by the Department of Sociology, Government College Quepem, on the topic "Sociology as a Discipline and Careers in the 21st Century" on 19 August 2022.

**Ph. Ds:**

Degree Awarded: 01

Submitted: NIL

Students on Roll: 12

**Discipline of History**

**Faculty (Full-time):**

- **Nagendra Rao**, Ph. D., Professor– State Formation, Transcultural Trade, Urbanization, Indo-Portuguese History, Historiography, Maritime History of India, History of Goa
- **Pratima P. Kamat**, Ph. D., Professor–Indo-Portuguese History and Maritime Studies, Gender Studies, History of Goa
- **Parag D. Parobo**, Ph.D., Associate Professor and Vice-Dean (Academic)–Comparative history of empires with reference to South Asia, focusing on the cultural history of Portuguese colonialism in India and the political economy of Goa.
- **Seema S. Risbud**, Ph. D., Assistant Professor– Indo-Portuguese History, Decolonisation Movements, Social movements, Gender Studies and Studies in Indian Culture and Heritage
- **Nalini Naik**, Ph.D., Assistant Professor - Political, Social and Economic History of Ancient India, History of Goa, Art and Architecture, Epigraphy and Numismatics, Museum studies
- **Vinod Kankonkar**, M. A., Assistant Professor and Programme Director – History of Goa, Medieval India, Modern India, History of Cinema
- **Sneha Babi Ghadi**, M. A., – Colonial History, Ancient Indian History, Medieval Indian History, Indian Diaspora Studies, Gender Studies

**1. Research publications:**

**Dr. Nagendra Rao**

- a. Reciprocity and Political Authority: An Early State in South India' International Journal of Regional and Local History, 2022, 17(2), pp. 67–80. <https://doi.org/10.1080/20514530.2022.2131320> Journal Article Scopus
- b. 'Religious Regimes and State Formation: A Study in the Relationship between Goa Kadambas and Virashaivism', In **Kalyana Mitra, A Treasure House of History, Culture and Archaeological Studies Volume II: Early and Medieval Indian**



**History**, edited by Prof. Katta Narasimha Reddy, Prof. E. Siva Nagi Reddy and Prof. K. Krishna Naik, Bluerose Publishers, January 2023. Chapter in Book Not Indexed

- c. **Tradition, Production and Exchange: Karnataka** Current Publications, January 2023. Not Indexed (Book).

**Dr. Parag Porobo**

- a. Parag D. Parobo, “Power and the Politics of a Hindu Upper Caste in Colonial Goa (1740–1961),” *Economic and Political Weekly* 57, no. 33 (2022): 51–59.
- b. Parag D. Parobo, “Colonial Goa and the ‘Asprushya Question’,” *Economic and Political Weekly* 58, no. 13 (2023): 45–50.

**Dr. Nalini Naik**

Naik, Nalini. Coinage of Pedro IV and Pedro V (Portuguese Period). *The Quarterly Journal of The Mythic Society*, Vol. 114 issue 1: January-March 2023. Bengaluru: The Mythic Society.

**2. Conference Presentations, Lectures, etc.**

**Dr. Seema Risbud**

- a. Presented a research paper entitled Indian Nationalism, Lohia and Goa’s Struggle for Freedom. in a National Symposium “ India@75: Past, Present, and Strategies for the Future” on 12 August 2022 organised by DD Kosambi School of Social Science and Behavioural Studies Goa University at Seminar Hall Goa University.
- b. Presented a paper on the topic Documenting living sources shaping national history in post-liberation Goa XXIII Local History Seminar 2023 organised by M.A. History Programme in Collaboration with Department of Archives, Government of Goa, on 20<sup>th</sup> January 2023 at Seminar hall, Goa University
- c. Presented a paper entitled “Territorial Military Tribunal Files and Understanding Goa’s Struggle for Freedom 196-1961) Sant Sohirobanath Ambiye Govt. College of Arts and Commerce Department of History Virnoda- Pernem- Goa and Department of Archives Govt. Of Goa One Day National Seminar on 22 October 2022 (Goa Historical Archives- A Connect to Regional History and Beyond) at Patto Panaji-Goa.
- d. Presented a paper on the topic “Tryst with Indian Nationalism: National Congress (Goa) and Azad Gomantak Dal Formation and Challenges.” Government of Goa Directorate of Archives and Archaeology Mala –Panaji –Goa Symposium on “ Goan Nationalism.
- e. Chairperson of the 3<sup>rd</sup> session at Goa One Day National Seminar on 22 October, 2022 at Patto -Panaji-Goa. Sant Sohirobanath Ambiye Govt. Collage of Arts and Commerce Department of History Virnoda- Pernem- Goa and Department of Archives Govt. Of Goa.

**Ms. Sneha B. Ghadi**

- Presented a paper at ‘XXIII Local History Seminar and Symposium’ by Department of Archives, Government of Goa and D. D. Kosambi School of Social Sciences and Behavioural Studies, History programme, Goa University on 20 January 2023.

### 3. Lectures on other occasions:

#### Dr. Seema Risbud

- a. Invited as a Resource person to deliver a lecture on the topic “Revisiting role of freedom fighters in Goa’s Struggle for Freedom.” in History Workshop 21 July 2022 organised by Goa Board of Secondary and Higher Secondary Education Porvorim-Goa in collaboration with State Council of Educational Research and Training-Goa BOS History (HSSC) in Panaji- Goa.
- b. Delivered a lecture on the Significance of “18th June Goa Revolution Day in Goa’s Struggle for Freedom.” at the History Lecture Series on History and Cultural Heritage of Goa in GVM’s S. N. J. A Higher Secondary School Ponda- Goa on 18th June 2022.
- c. Invited as Chief Guest on 01/08/2022 by Ponda Education Society College of Arts and Science Farmagudi- Goa as part of celebration of Azadi Ka Amrut Mahotsava. On this occasion delivered a talk on the topic “Aspects of Goa’s Struggle for Freedom and Role of Freedom Fighters.”
- d. Delivered a talk as a Guest speaker on the topic, “Goa Vimochan Sahhayak Samiti and All India Satyagraha of 1955” in a Programme at Patradevi Check post on 13<sup>th</sup> August 2022 organised by Sant Sohirobanath Ambiyev Govt. College of Arts and Commerce Department of History Virnoda- Pernem- Goa Directorate of Higher Education, Govt. Of Goa in commemoration of 75 years of India’s Independence.
- e. Invited by Department of Archaeology Govt. of Goa as a panellist on the panel to discuss “Heritage Policy for Goa” on occasion of World Heritage Day on the 18/04/2023 at Reis Magos Fort.
- f. Invited as a Resource person to deliver a lecture on the topic “Goa In Action: Protests, Revolts, Rebellions, and Revolution and Portuguese Rule.” at History Teachers Workshop on 21 and 22 June 2023 organised by Goa Board of Secondary and Higher Secondary Education Porvori-Goa at Institute Menezes Braganza, Panaji- Goa.
- g. As a Programme Director, of MA. History Programme Organised XXIII Local History Seminar 2023 in Collaboration with Department of Archives, Government of Goa, on 20<sup>th</sup> January 2023 at Seminar Hall, Goa University.
- h. Worked as a chief (Editorial Board) for Goa Board of Secondary and Higher Secondary Education Porvori - Goa that published History Ancient and Medieval India Textbook for standard XI recommended by Goa Board to teach in higher secondaries in Goa from academic year 2023.
- i. As a Chief (Editorial Board) Goa Board of Secondary and Higher Secondary Education Porvori-Goa, received felicitation in a public function at Cuncolim that was organised by The Cuncolim Chieftains Memorial Trust on the occasion of 440th Anniversary of the First War of Independence 15<sup>th</sup> July 2023 (Cuncolim Revolt 1583).

### 3. Ongoing Research Projects

#### Dr. Nagendra Rao

- a. Project titled, “Creating an in-depth literature relating to the history of Goa from pre-historic period to 1961 CE” funded by DHE, Govt. of Goa (1.00 lakh) for the duration of Dec 2021 - Dec 2022.

- b. Project titled, 'Preliminary Investigation into the Archival Sources relating to Indo-Oman Trade Relationship in the Pre-modern Period in the Goa Archives' funded by National Records and Archives Authority, Sultanate of Oman (13.60 lakhs)  
Duration: Aug 2019 - Dec 2020

**Mr. Vinod Kankonkar**

Projects Undertaken:

1. FRACTION PROJECT Co-funded by the Erasmus + Programme of the European Union.
2. Schedule Tribe Freedom Fighters Museum project funded by the Government of India
3. Governance: An ethnographic study of tribes of Goa, a project funded by Government of India.

**4. Ph. Ds:**

Degree Awarded: 01

Submitted: NIL

Students on Roll: 12

**Discipline of Political Science**

**Faculty (Full-time):**

- **Rahul Tripathi**, Ph. D., Professor and Head- International Political Economy/South Asia
- **Prakash Desai**, Ph. D., Assistant Professor and Programme Director– Political Theory, Indian Political Thought, Democratic Politics in India.
- **Alaknanda P. Shringare**, Ph.D., Assistant Professor – Democratic Governance, Public Administration, Rural Development
- **Ravaji Vasant Gaunkar**, M. A., Assistant Professor – Goan Society and Politics, Political Sociology of India
- **Shraddha Shrikant Naik**, Ph. D., Assistant Professor – International Relations, India's Foreign Policy, Interregionalism and BRICS
- **Prachi Satyavan Naik**, M. A., Assistant Professor – Political Theory, Language Politics, Cultural Politics, Electoral Politics

**1. Research Publications**

**Dr. Prakash Desai**

- a. "Congress cannot survive without Gandhi family", Rajneeti, E-Newsletter, Vol.II, No.1, 2022, pp.11-13
- b. "Structure and Functions of Local Governance in Ancient India: A Study of its Relevance, Bihar Journal of Public Administration, Vol. XIX, No. 1 Jan-June, 2022, pp.142-156, ISSN: 0974-2735
- c. "The Role of People's Movements in making Parliament 'for the people': Recent Experiments in India", Gandhi Marg Quarterly, Vol.44, No.3, October-December, 2022 pp. 297-314, ISSN 0016—4437

d. "Israel as a Binational State", In: Kumaraswamy, P.R. (eds) The Palgrave International Handbook of Israel. Palgrave Macmillan, Singapore, 2023. [https://doi.org/10.1007/978-981-16-2717-0\\_43-1](https://doi.org/10.1007/978-981-16-2717-0_43-1)

**Dr. Rahul Tripathi:**

- a. Paper on **India's Quest for Security: Navigating the Region and The World** in an edited book by Sarika Dubey titled 'Security Concerns of Asia: 21<sup>st</sup> Century Discourses' published by Pentagon Press, New Delhi, 2022 pp.113-124
- b. Paper on **Decolonization and Colonial Legacies** in an edited book by Himanshu Roy and Jawaid Alam titled 'A History of Colonial India 1757 to 1947' Routledge, 2022 New York, pp 250-262
- c. Paper on **How Eastern U.P. Voted? A Case of Gorakhpur District in Assembly Polls of 2022 in Politico**, (a national peer reviewed journal) Vol.14, No.2, pp 37-46

**Dr. Alaknanda Shringare**

- a. Shringare A., Desai P., and Fernandes S., "Structure and Function of Local Governance in Ancient India: A Study of its Relevance", Bihar Journal of Public Administration, (UGC Care List Journal), 19(1), Jan-June 2022.
- b. Desai P., Shringare A., and Gaunkar R., "Role of People's Movements in Making Parliament 'for the people': Recent Experiments in India", Gandhi Marg, (UGC Care List Journal) 44(3), October-December 2022

**Book chapters**

- a. Shringare, A., Goa: BJP's Electoral Slide but Political Triumph, in "Electoral Dynamics in the States of India" Shatri Sandeep., Kumar Ashutosh and Sisodia Yatindra S. (ed.). New York: Taylor & Francis (2022).
- b. S. Patagundi and A. Shringare, Global Health Governance in Mapping COVID-19 Pandemic: Issues and Challenges, in "COVID-19: India and the World", C. Vinodan and Anju Lis Kurian (ed.), Scholar's Press, Republic of Moldova Europe (2022)

**Dr. Ravaji Gaunkar**

The Role of People's Movements in Making Parliament 'for the People': Recent Experiments in India (Journal – Gandhi Marg, VOLUME 44 OCTOBER–DECEMBER 2022, UGC Care List)

**2. Conference Presentation, Lectures etc.**

**Mr. Ravaji Gaunkar**

Presented a paper titled, "Political Reservation of Scheduled Tribes in the State of Goa" at a National Seminar, organized by D. D. Kosmabi School of Social Sciences and Behavioural Studies, Goa University 16 and 17 Jan. 2023

**Dr. Shraddha Naik**

- a. Presented a paper at an International Webinar on Ukraine-Russia War- Global Implications, jointly organized by: KVR Govt. College for Women (A) Kurnool, Andhra Pradesh and SSA Govt. First Grade College (A) Ballary, Karnataka, on 16 and 17 June 2022.
- b. Presented a paper at the 27th IPSA World Congress of Political Science organized by the International Political Science Association (IPSA), held in Buenos Aires and virtually 15-19

July 2023, with the theme Politics in the Age of Transboundary Crises: Vulnerability and Resilience at Universidad Católica Argentina (UCA), Buenos Aires, Argentina. Paper Titled: 'Interregionalism and Its Relevance in the Global South' (In Person).

**Ms. Prachi Naik**

Presented a paper titled 'Decoding Goa's Language Politics' at two-day national seminar on State, Politics and Policy on Goa on 17<sup>th</sup> January 2023 organised by Political Science Programme, D.D. Kosambi School of Social Sciences and Behavioural Studies, Goa University.

**3. Scholars visited**

**Ms. Prachi Naik**

- Organised a lecture on 'Last Call of River Mhadei' and delivered by Mr. Chandrakant Shinde on 23<sup>rd</sup> January 2023 at Seminar Hall.

**4. Lectures on other occasions**

**Dr. Rahul Tripathi**

- Invited as a resource person at Christ College Bangalore and delivered a talk on, "Dynamics of a Deglobalizing World: Lessons for India on 26 July 2022.
- Delivered a lecture on, "South Asian in the Contemporary Global Political Economy at the National Institute of Advance Studies Bangalore on 28 July 2022.
- Invited as a resource person at Ramjas College, Delhi University to deliver a talk on "Politics Through the Prism of Economics: Reflections of an 'Indisciplinarian'" on 15 November 2022 (Morning).
- Law Centre 1, Delhi University "India's G20 Presidency: Setting the tone for Multilateral Financial Governance on 15 November 2022 (Afternoon).
- As a resource person delivered a talk on "Mapping International Political Economy in India" at the Department of Political Science, Delhi University on 16 November 2022.
- Centre for International Politics Organization and Disarmament, School of International Studies, JNU, on "Does Indian IR Engage Enough with International Economics" 18 November 2022 (Morning)
- A talk on "Re-imagining the Region in South Asia" delivered at South Asian Studies Centre, School of International Studies, JNU on 18 November 2022 (Afternoon)

**Dr. Ravaji Gaunkar**

Delivered lecture on Constitutional mechanism for the upliftment of SC & ST on 4<sup>th</sup> April 2023 at DMC college – Assagao Bardez Goa.

**RESEARCH PROJECTS COMPLETED:**

Dr. Alaknanda Shringare: Coordinator for ECI-KAP End Line Survey 2022, conducted by Political Science Programme, DDKSSSBS, Goa University on behalf of Office of Chief Electoral Office, Goa

**Ph.Ds.:**

Degrees Awarded: 1

Submitted: 2

Students on roll: 14

## Discipline of Library and Information Science

### Faculty (Full-time):

- **Carlos M. Fernandes**, Ph. D., Assistant Professor, Programme Director - Management of Library and Information Centers; Research Methodology; Scholarly communication; Digital Content Development and Publishing;
- **Milind C. Mhamal**, M. L. I. Sc., Assistant Professor – Information Processing and Retrieval-Library Classification Theory and Practical; Library Cataloguing Theory and Practical; Electronic Information Sources and Services; Marketing of Information Resources and Services.
- **Shamin Pereira**, Ph. D., Assistant Professor. Information Retrieval; Fundamentals of Information Technology; Reference and Information Sources; Electronic Information Sources and services; Information Literacy.
- **Novelty R. Volvaikar**, M. L. I. Sc., Assistant Professor. Library Automation and Networks; Library Automation Software; Information Technology (Practical), Digital Libraries (Practical) Webometrics, Infometrics & Scientometrics; Information Services and Systems.
- **Rohan L. Parab**, M. L. I. Sc., Assistant Professor. Library Information and Society; Digital Libraries – Theory; Information Services and Systems; Digital Information Management; Web 2.0.

### 4. Research Publications:

#### Dr. Carlos M. Fernandes

- a. Co-Editor ‘Goa-LIS 2023’ Digital & Virtual Libraries, Transforming Libraries & information Services, a seminar volume published by Krishnada Shama Goa State Central Library, Patto, Panaji Goa on 12 th August 2023 (pp. 47-52)
- b. Published an article in “Modern Libraries, Recent Trends, Challenges and Opportunities entitled “Application of Mobile Technology in modern Libraries” published by Creative books, NewDelhi. 2022 (pp 175-182)

#### Dr. Milind Mhamal

- a. Granthalay ani Mahitishastra English-Konkani Shabdakosh (Dictionary)/Milind Mhamal and Dr.Carlos Fernandes- Sangolda: Milind Mhamal, December 2022. ISBN 978-93-5779-999-7
- b. Madvale (Konkani Short Stories)/Milind Mhamal.-Sangolda: Milind Mhamal, December 2022, ISBN978-93-5780-126-3
- c. Goem Mukticho Itihas (History)/Sangolda: Milind Mhamal.- Sangolda: Milind Mhamal, August 2022,ISBN 978-93-5680-381-7

#### Ms. Novelty Volvaikar

- a. Naik, Alisha T., Gaonkar, Aishwarya U. & Volvaikar e Morjekar, Novelty (2022), “RFID Technology in Libraries: A Literature Review”, Transformation of Higher Education Libraries in the Digital Environment, pp. 507-513, ISBN 978-81-954095-3-2

- b. Gaonkar, Aishwarya U., Volvaikar e Morjekar, Novelty, Bankapur, V.M. & Dessai, Sandesh (2022), “Open Educational Resources with Special Reference to Social Science”, Mrs. Nirmala Parab & Dr. Vikrant Malvankar Festschrift Volume, ” Modern Libraries: Recent Trends, Challenges & Opportunities, pp. 137-142, ISBN 978-81-954095-1-8
- c. Naik, Alisha T., Volvaikar e Morjekar, Novelty & Dessai, Sandesh (2022), “Green Library Initiatives: National and International Level”, Mrs. Nirmala Parab & Dr. Vikrant Malvankar Festschrift Volume, ” Modern Libraries: Recent Trends, Challenges & Opportunities, pp. 245-252, ISBN 978-81-954095-1-8

#### **5. Conference Presentation, Lectures etc.**

##### **Mr. Rohan Parab**

Paper, ‘Transforming existing traditional Libraries into Green Libraries’ presented for one day National Conference on the theme “Modern Libraries: Recent trends, Challenges and Opportunities held on 8<sup>th</sup> July 2022 at Goa University.

#### **6. Invited talks and other tasks**

##### **Dr. Carlos M. Fernandes**

- a. Resource person for National level Conference on “Future Libraries, Emerging Trends and Technologies in Library and Information Science held at DM’s College and Research Centre, Assagao - Bardez Goa on 17<sup>th</sup> June 2022
- b. Resource person for National level Conference on “A to Z about weeding-out Library Material at Nanded, Maharashtra held on 24 and 25 November 2022.

##### **Ms. Novelty Volvaikar**

- a. Invited as Resource Person to speak on “Awareness of MOOC platform among faculty” at the workshop organized by MES College of Arts and Commerce, Zuarinagar on May 6<sup>th</sup>, 2023 (Online).
- b. Invited as Keynote Speaker for the Short-term certificate course in Library Science, organized by the Library, Vidya Prabhodini, Porvorim on May 25<sup>th</sup>, 2023. The topics covered during the session were: Career Opportunities in LIS; AI, AR & VR in LIS; RFID and Barcode Technology; and a practical session on NDLI.

#### **4. Scholars visited in your respective programmes:**

Dr. V. Bankapur, Prof. Library and Information Science, Ranni Channamma University, Belgavi, Karnataka was the Chief Guest for the Annual conference held on 11<sup>th</sup> February 2022.

#### **5. Projects**

Dr. Carlos and Dr. Milind Mhamal

Filed GI for Heritage Musical Instrument of Goa “Ghumat” alongwith Dr. Carlos M. Fernandes. (Grant received from Goa University under IPR and Patent Scheme 2022-2023.)

## 2.3 SCHOOL OF SANSKRIT, PHILOSOPHY AND INDIC STUDIES (SSPIS)

**Dean:** Prof. Koshy Tharakan

**Discipline:** Philosophy

**Faculty (Full-time):**

- **Sanjyot D. Pai-Vernekar**, Ph.D., Professor– Medical Ethics
- **Koshy Tharakan**, Ph.D., Professor and Dean – Philosophy of Human Sciences and Phenomenology
- **Dr. Norma Menezes**, Ph.D., Associate Professor- Existentialism
- **Rajavi Damodar Naik**, M.A., Assistant Professor- Applied Ethics and Indian Philosophy
- **Walter Menezes**, Ph.D., Assistant Professor- Classical Indian Philosophy: Vedanta, Buddhism & Jainism, Indian Logic & Epistemology, Philosophy of Religion, Legal Philosophy.

**Articles Published:**

1. D’Mello, A.; PaiVernekar, S.D. (2022). “Understanding Derridean Deconstruction and Ethics today in the context of the Covid-19 pandemic”. Ravenshaw Journal of Philosophy-VIII. 62-75
2. Fernandes, J.M. and Tharakan, K. (2022). “Fostering peace amidst multi-religious communities: Reflections on inter-religious dialogue,” Eastern Journal of Dialogue and Culture. 15(2), 81-92.

**Seminars, Conferences, Workshops etc. organized:**

**Online Guest Lectures**

- “Leaving the Ivory Tower” by Dr. Rajshri Jobanputra (Head, FocusU Academy, FocusU Engage, Bengaluru) on 29<sup>th</sup> June 2022.
- “Embodied Care: Maurice Merleau-Ponty and Feminist Care Ethics” by Prof. Maurice Hamington (Professor of Philosophy & Affiliate Faculty, Women, Gender, and Sexuality Studies, Portland State University, Portland) on 27<sup>th</sup> July 2022.
- “Revisiting the Concept of Consciousness in Indian Philosophies” by Prof. Madhusudan Penna (Vice-Chancellor, Professor & Dean of Faculty of Indian Religion, Philosophy and Culture Kavikulaguru Kalidas Sanskrit University, Ramtek, Maharashtra) on 26<sup>th</sup> August 2022.
- “What is Philosophy? Example: Racism (Necro-being as morally worst form)” by Prof. Leonard Harris (Professor, Department of Philosophy, Purdue University, Indiana) on 30 September 2022.
- “Philosophy, Primal Wonder, and the Future of Education” by Dr. Thomas Jackson (Specialist, Department of Philosophy & Director, Uehiro Academy for Philosophy and Ethics in Education, College of Arts & Humanities, University of Hawai’i at Manoa) on 28 October 2022.



- “The Concept of Sakshin in the light of Advaita Vedanta” by Swami Narasimhananda (Monk, Ramakrishna Math; Ramakrishna Mission Secretary, Ramakrishna Mission Sevashrama, Kozhikode, Kerala) on 30 November 2022.
- “Aleksei Losev’s Philosophy of Language” by Dr. Olga Lyanda-Geller (Assistant Professor of Russian, School of Languages and Cultures & Comparative Literature and Jewish Studies, School of Interdisciplinary Studies, Purdue University, Indiana) on 27 January 2023.
- “A Ricoeurian Approach to Hermeneutics of Architecture” by Prof. Luís António Umbelino (Professor, Faculty of Arts, Universidad de Coimbra, Coimbra) on 24 February 2023.
- “Exploring the hidden side of lived experience through Micro-phenomenology” by Dr. Claire Petitmengin (Professor Emerita at Mines-Télécom Institute Business School (IMT-BS); Member of the Archives Husserl, Ecole Normale Supérieure, Paris) on 21 April 2023.

#### **Offline Lectures**

- “Moral Interrogation and Gender Equality: Reflections through Narratives in Mahabharata” by Dr. Geetesh Nirban (Associate Professor & Head, Department of Philosophy, Kamala Nehru College, University of Delhi, Delhi) on 12 July 2022.
- “Samvaad: A Dialogue on Vedanta in Everyday Living” by Acharya Prashant (Prashant Advait Foundation) on 16<sup>th</sup> August 2022.
- Philosophy Day 2023 Sponsored by the Indian Council of Philosophical Research, New Delhi on 10<sup>th</sup> February 2023.
- “Thinking Civility and Justice: Some notes on Caste and Democracy in India” by Prof. Suryakant Waghmore (Professor of Sociology, Department of Humanities and Social Sciences, IIT Bombay, Mumbai) on 3<sup>rd</sup> April 2023.

#### **Webinars / Workshops Organized**

- Online State-Level Webinar on “Mediating the Body, Society, and Technology: Ethical and Pedagogical Interrogations,” June 7–8, 2022.
- “Thinking the Unthought: An Heideggerian Perspective” by Dr. Victor Ferrao on 10 February 2023.
- “Recognizing My Self in Advaita and Pratyabijna” by Prof. Vinay Kumar Rao on 10 February 2023.
- “Yoga for Health and Wellness”, by Mr. Dattaprasad Bhonsle on 10 February 2023.
- Summer Camp 2023 (outreach program for the children of the Cakra village, Goa) May 12-16, 2023.

#### **Seminars / Webinars in Research Papers Presented:**

- **Rajavi Naik:** Presented a paper on “Elevating body: A transhumanistic approach to redefining suffering” for the Online State-Level Webinar on “Mediating the Body, Society, and Technology: Ethical and Pedagogical Interrogations,” June 7th to 8th, 2022.
- **Koshy Tharakan:** Presented the paper “Ethics and its Relevance for Technology” in the session Ethics and Engineering: A Perspective Beyond Limitations during the International Civil Engineering Conference in the Asia Region (CECAR9), Institution of Civil Engineers (India), Taj Resort & Convention Centre, Goa, September 21st to 23rd, 2022
- **Koshy Tharakan:** Presented the paper “Crises in Humanities” at the One Day National Seminar in the honour of Prof. K. Sripad Bhat titled “Revisiting Literature and Humanities in Contemporary Times”, Goa University, February 25<sup>th</sup>, 2023.

- **Koshy Tharakan:** Presented the paper “Mind, Body and Consciousness: A Perspective on Husserlian Phenomenology” at the International Seminar on “Exploring the Realm of the Mental: Cognition, Emotion and Volition”, Centre for Indological Studies and Research, Kolkata, March 2nd to 4th, 2023

### **Seminars/Webinars Attended**

#### **Rajavi Naik**

1. Attended UGC-sponsored workshop on NEP 2020: Research, Innovation, and Rankings held on 14<sup>th</sup> November 2022.
2. Attended One-Day Workshop on “New Dimensions of All India Survey on Higher Education” (AISHE) by AISHE cell under DIQA, Goa University on 16<sup>th</sup> March 2023.

#### **Walter Menezes:**

1. Participated in Master Trainer Classes in preparation for the Fraction Project at DDKSSSBS, GU.
2. Co-ordinated an Interactive Session titled “Developing Competencies for Indian Administrative Services (IAS) on behalf of Career Counselling Cell on 3/04/2023 at Auditorium, New Science Faculty Block E, School of Chemical Sciences, Goa University.
3. Attended UGC-sponsored Refresher Course at HRDC, JNU, New Delhi from 09/01/2023 to 21/01/2023.
4. Participated in an online regional workshop organised by RISHII Project Team, Goa University titled “Internationalization of Higher Education: Why and What for?” on 17/09/2022.
5. Participated in a UGC Sponsored Workshop on NEP 2020 titled, “Research, Innovations, and Rankings (online)” organized by HRDC, Goa University on 14/11/2022.

### **Other Assignments Undertaken:**

#### **Walter Menezes:**

- Reviewed Ph. D Thesis and served as the External Examiner to conduct Ph. D Viva Voce of Ms. Maria Chumak of Pondicherry University on the title: “Christian Iconography with Reference to the Significance of Women”, August 2022.
- Submitted “Post-Doctoral Research manuscript titled, “Is Viveka a Pramāna in the Advaita?: Exploring the Indubitable Path towards Non-duality” to ICPR, New Delhi.
- Registered a society titled “Philosophical Association, Goa” to bring together all the Stakeholders in the discipline of Philosophy so as to sensitise the importance of philosophy for the state and thus to attract prospective students for the MA Philosophy Programme.
- MA Dissertation Guided: “**An Exposition of Inference in Dharmakirti’s Philosophy**”, by Jomon Joy 2022-23.
- Obtained Financial Assistance from the Indian Council of Philosophical Research, New Delhi, for organising Philosophy Day 2023.
- Assessed Project Reports and conducted Viva-Voce Examination for Third Year B. A. students of Swami Brahmananda Mahavidyalaya, Kundaim, Goa on 10/05/2023.

**Norma Menezes**

- Organized Alumni Meet in SSPIS 2023.
- Completed recording of (2 credits) course : The power of positive thinking under DDLI Goa University
- Attended several selection committee panel meetings as women and minority representative at Goa University.
- Completed the FDP Course “Designing Learner-centric MOOCs” conducted by the NPTEL.

**Sanjyot D. Pai Vernekar**

- Member of the Committee constituted under Ordinance OA- 12.41 (D) (i).
- Member of Co-ordination Committee constituted for implementation of the credit based Master's Programme under ordinance OA-35.

**Rajavi Naik**

- Course coordinator for the VRPP course: Introduction to Contemporary Art by Dr. Subodh Kerkar, January 2023.
- Coordinated the activity in collaboration with Campus Amenities Committee on the “display of millets based recipes” on the occasion of International year of millets, May 2023.

**Koshy Tharakan**

- Reviewed the following manuscripts for the **Journal of Human Values** (<https://journals.sagepub.com/home/jhv>)
  - a) “The Problematic of Hospitality in Emmanuel Levinas: A Critical Analysis”
  - b) “Māyā and Nietzsche on Life and World Affirmation”
  - c) “The Moral Example of the German Resistance Against the Nazi Regime.”
- External Examiner of the Ph.D. thesis “Metaphysical Evaluation of Ontic Structural Realism”, University of Delhi.
- External Examiner of the Ph.D. thesis “Everyday life and Modes of Existence: Authenticity, Inauthenticity and the Question of 'Indifference’”, JNU New Delhi.
- External Examiner of the Ph.D. thesis “Michel Foucault’s Notion of Freedom: A Critical Analysis”, University of Delhi.
- Chairman, Board of Adjudicators for the Viva-voce Examination for the Ph.D. thesis “Philosophy of Education With Special Reference to Dr. B.R. Ambedkar and Sri Narayana Guru”, University of Kerala.
- Resource Person for UGC-HRDC, Goa University Faculty Induction Programmes: 115th, 116th, and 117th.
- Resource Person for UGC-HRDC, Kannur University Interdisciplinary Refresher Course in Development Economics, History and Philosophy.
- Successfully completed the FDP Course “Designing Learner-centric MOOCs” conducted by the NPTEL.

## 2.4 SCHOOL OF INTERNATIONAL AND AREA STUDIES (SIAS)

### Programmes and Degrees Offered

#### Faculty (Full-time):

- **Aparajeta Gangopadhyay**, Ph.D, Professor – Latin American Studies and International Relations.
- **Dattesh D. Parulekar**, Ph. D.,Assistant Professor – Indian Foreign Policy, Chinese Political Economy, Strategic Maritime Affairs with reference to the Indo-Pacific, and African Affairs.
- **Dr. Mukund Narvekar**, Ph. D., Assistant Professor –Strategic Maritime Security (Indo-Pacific), India’s Foreign Policy and International Relations
- **Almin Cicily Jose**, Ph.D., Assistant Professor–Governance, International Relations, South Asia, Policy Studies.
- **Yugank Naik**,M.A., Assistant Professor–Area Studies, New Social Movements & International Relations

#### Major Thrust Areas and Achievements:

##### Thrust Areas:

International Relations and Area Studies (South Asian, European, Latin American and Caribbean, Chinese, Maritime Studies and others).

#### Visiting Scholars:

| Name of the scholar       | Institution  | Title of Lecture  | Date       |
|---------------------------|--|---|------------|
| Amb. A. R. Ghanashyam     | (IFS Retd)<br>Former Ambassador of Angola and High Commissioner to Nigeria | Rising India, Rising Africa: Shaping the contours of 21 <sup>st</sup> Century Partnership | 23/01/2023 |
| Prof. Heribert Dieter     | German Institute of International and Security Affairs, Berlin – Germany   | Ukraine and the effect of war   | 28/02/2023 |
| Prof. Srikanth Kondapalli | Center for east Asian studies, School of International Relations, JNU      | Decoding Complexities in ‘US-India-China’ Strategic triangulation                         | 17/03/2023 |
| Prof. Francisco Moreno    | Heidelberg Center South Asia, Heidelberg University –Germany               | Is Global Language Possible   | 24/04/2023 |
| Amb. Sanjay Verma         | Secretary (West), in the Ministry of External Affairs, Govt. of India      | Contemporary Priorities in Indian Foreign Policy  | 19/05/2023 |

**Seminars, Conferences, Workshops etc. organized:**

| Programme  | Date                       | Major sponsors       |
|--|----------------------------|----------------------|
| International workshop on Methodologies in ‘International Relations’ Pedagogy and ‘Peer reviewed’ Publishing | 3 <sup>rd</sup> March 2023 | IQAC, Goa University |

**Conference/ Seminar presentations****Dr. Dattesh Parulekar**

1. Webinar Lecture themed **‘Reconfiguring Non-Traditional Security in Indian Foreign Policy: Energy Independence Appraising Cutting-Edge Frontiers in India’s Global Strategic Calculus: Prioritising Food Security and Health Securitisation’**, LAVAD CONFAB on NATIONAL SECURITY, organised by the School of International Cooperation, Security and Strategic Languages (SICSSL), Rashtriya Raksha University (RRU), Gujarat, 23<sup>rd</sup> June 2022.
2. Webinar Lecture themed **‘Appraising Cutting-Edge Frontiers in India’s Global Strategic Calculus: Prioritising Food Security and Health Securitisation’**, LAVAD CONFAB on NATIONAL SECURITY, organised by the School of International Cooperation, Security and Strategic Languages (SICSSL), Rashtriya Raksha University (RRU), Gujarat, 24<sup>th</sup> June 2022.
3. Webinar Lecture themed **‘Examining Fault-lines in Competing Contemporary Narratives of Eco-Politics and Religious Fanaticism’**, organized by the Nation First Writers Forum, of the Rambhau Mhalgi Prabodhini Knowledge Excellence Centre (RMP-KEC), Uttan, Bhayander, Thane, 26<sup>th</sup> June 2022.
4. Lecture themed **‘Fundamental Drivers to India’s Strategic Calculus: Decoding Foreign Policy and National Security Implications’**, to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 1<sup>st</sup> August 2022.
5. Lecture themed **‘Decoding Strategic Networks in the Indo-Pacific: Geopolitics of Infrastructure and Development’**, to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 5<sup>th</sup> August 2022.
6. Lecture themed **‘National Education Policy (NEP) 2020: Opportunities and the Way Forward’**, at the Panel Symposium organized by the Goa Chamber of Commerce and Industry (GCCCI), Panaji, Goa, 11<sup>th</sup> August 2022.
7. Lecture themed **‘Changing Contours of Indian Foreign Policy and National Security’**, organized by the S.S. Dempo College of Commerce and Economics, Cujira, Bambolim, Goa, 12<sup>th</sup> August 2022.
8. Lecture themed **‘Global Scan I: India and Relations with Major Powers’**, to the 35<sup>th</sup> National Higher Command Course (NHCC), of the Naval War College (NWC), INS Mandovi, Verem, Goa, 16<sup>th</sup> August 2022.
9. Lecture themed **‘Global Scan II: Decoding Critical Geographies in Indian Strategic Engagement – ‘West Asian’ and ‘South East Asian’ Vectors in Perspective’**, to the 35<sup>th</sup> National Higher Command Course (NHCC), of the Naval War College (NWC), INS Mandovi, Verem, Goa, 16<sup>th</sup> August 2022.
10. Lecture themed **‘Historicity of International Politics and Theorized Understanding of the Global Order’**, to the 35<sup>th</sup> National Higher Command Course (NHCC), of the Naval War

- College (NWC), INS Mandovi, Verem, Goa, 16<sup>th</sup> August 2022.
11. Lecture themed **‘Theories of International Relations’** to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 31<sup>st</sup> August 2022.
  12. Lecture themed **‘Reimagining its Neighbourhood: Key Strategic Initiatives in Contemporary Indian Foreign Policy’**, to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 31<sup>st</sup> August 2022.
  13. Lecture themed **‘India’s Foreign Policy and its Mutating Contours’**, at the DMS’s Anand Sirsat College of Arts, Sheela Premanand Vaidya College of Science and VNS Bandekar College of Commerce, Assagao, Goa, 08<sup>th</sup> September 2022.
  14. Lecture themed **‘Energy Security to Energy Independence: Embracing the Strategic Dimensions in Indian External Policy’**, organized by the Goa Petrol Dealers Association, at Hotel Kadamba Ferns, Kadamba Plateau, 01<sup>st</sup> October 2022.
  15. Lecture themed **‘India-China Engagement: Navigating Competition, Managing Conflicts’**, to the Junior Leaders Communication Course, 5 Technical Training Regiment, of the Army’s 2 Signal Training Centre, Bambolim, Goa, organized by the School of International and Area Studies (SIAS), Goa University, 21<sup>st</sup> October 2022.
  16. Lecture themed **‘India in the Global South: Convergences in its Africa Outreach’**, to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 1<sup>st</sup> November 2022.
  17. Lecture themed **‘Redefining Central Asia and West Asia Engagement through the ‘Look North’ and ‘Think West’ Constructs in Indian Foreign Policy’**, to the Technical Management Course of the Naval War College, INS Mandovi, Verem, Goa, 1<sup>st</sup> November 2022.
  18. Research Paper presentation themed **‘Re-appraising, Re-conceptualizing and Re-configuring India’s Neighbourhood in Strategic Calculus’**, at the Two Day National Seminar entitled India and Her Neighbours, organized by the VPM’s Centre for International Studies (CIS), Mulund, Maharashtra, 11<sup>th</sup>-12<sup>th</sup> February 2023.
  19. Lecture themed **‘G20 Development Partnerships: Footprints in South Asia, Intermediating Geopolitical and Geo-Economic Compacts’**, at the Panel Session entitled G20 and South Asia: Aspirations and Expectations, organized by the School of International and Area Studies (SIAS), Goa University, 06<sup>th</sup> March 2023.
  20. Webinar Lecture themed **‘Diplomacy, Negotiations, and Way out of the War: The Indian Approach’**, at the Panel Session entitled Geopolitical and Security Assessment of the Russia-Ukraine War: One Year On, Indic Researchers Forum, New Delhi, 11<sup>th</sup> March 2023.
  21. Lecture themed **‘The Strategic Churn in West Asia: Dynamics and Implications’**, at the Indian Institute of Democratic Leadership programme organized by the Rambhau Mhalgi Prabodhini Knowledge Excellence Centre (RMP-KEC), Uttan, Bhayander, Thane, 01<sup>st</sup> May 2023.
  22. Lecture themed **‘Situating Latin America within the International Order and Global Governance: Opportunities and Challenges’**, at the Indian Institute of Democratic Leadership (IIDL) programme, organized by the Rambhau Mhalgi Prabodhini’s Knowledge Excellence Centre (RMP-KEC), Uttan, Bhayander, Thane, 01<sup>st</sup> May 2023.
  23. Lecture themed **‘The ‘Russia-Ukraine’ Conflict and its Strategic Regional and Global Calculus’**, at the Indian Institute of Democratic Leadership (IIDL) programme, organized by the Rambhau Mhalgi Prabodhini’s Knowledge Excellence Centre (RMP-KEC), Uttan, Bhayander, Thane, 01<sup>st</sup> May 2023.
  24. Lecture themed **‘The Strategic Contestations across Central Asian Geopolitics: Issues and Perspectives’**, at the Indian Institute of Democratic Leadership programme, organized

by the Rambhau Mhalgi Prabodhini Knowledge Excellence Centre (RMP-KEC), Uttan, Bhayander, Thane, 01<sup>st</sup> May 2023.

25. Webinar Lecture themed ‘**India’s Strategic Calculus for Infrastructure Development in the Indo-Pacific**’, at the Panel Session entitled **Belt and Road Initiative in South Asia: Status Quo and the Future**, Shanghai Institute of American Studies, Shanghai, P.R.C., 17<sup>th</sup> May, 2023.
26. Webinar Lecture themed ‘**The Role of Artificial Intelligence (AI) Diplomacy in Pursuance of Governance Solutions in the Global South: An Indian Perspective**’, at the 7<sup>th</sup> International Colloquium on Bioethics, Neuro-ethics and AI Ethics and 5<sup>th</sup> AIRES Conference in Humanities, Pontifical Catholica University of Rio Grande do Sul (PUCRS), Porto Alegre, Brazil, 26<sup>th</sup> May 2023.

**Dr. Mukund V. Narvenkar**

1. Dr. Mukund V. Narvenkar delivered lecture on ‘Career Opportunities in Political Science and International Relations’ at Carmel College, Nuvem on 8<sup>th</sup> April 2023.
2. Presented paper “Understanding Strategic Contours of India’s Perspective on Indo-Pacific” on 21st April 2022 at Australia India Indo-Pacific Ocean Initiative Partnership Dialogue on Indo-Pacific Ocean Initiative (IPOI): Strengthening International Cooperation. Organized by the Centre for Public Policy Research in collaboration with Monash University with support from the Department of Foreign Affairs and Trade, Australia.

**Dr. Almin Jose**

1. Dr. Almin Jose delivered lecture for G20 Faculty Connect on "Did G20 meets the aspirations of W:20? organised by the School of International and Area Studies, Goa University on 06/03/2023

**Mr. Yugank Naik**

1. Mr. Yugank Naik presented paper titled “The Normativity of Climate Security: Alternative Visions of India and China in International Politics” at two days National Conference 'SUSTAINABLE DEVELOPMENT: ADDRESSING CLIMATE CHANGE, GLOBAL WARMING & CARBON FOOTPRINTS' organized by Sustainability Cell, Dept. of Economics, Government College of Arts, Science & Commerce Quepem, Goa In association with Directorate of Higher Education, Govt. of Goa, Department of Environment and Climate Change, Govt. of Goa.
2. Mr. Yugank Naik a resource Person: Neighbourhood Parliament themed on India's Presidency of G20. Organised by Nehru Yuva Kendra in association with Carmel College, Nuvem, on 29/03/23.
3. Mr. Yugank Naik a resource Person: Neighbourhood Parliament themed on India's Presidency of G20. Organised by Nehru Yuva Kendra in association with Goa University on 31/03/23.

**Research Publications: NIL**

**Ph.Ds**

Degrees Awarded: Nil

Submitted: Nil

Students on roll: 07

## 2.5 MANOHAR PARRIKAR SCHOOL OF LAW, GOVERNANCE & PUBLIC POLICY

### Faculty (Full-time):

- **Shaila Desouza**, Ph.D., Professor and Dean – Gender, Health, Development, Law and Violence
- **Aparna Lolayekar**, PhD, Associate Professor and MA Programme Coordinator- Growth and Development Economics, Gender and Development, Spatial Econometrics and Spatial Data analysis
- **Sulochana Suresh Pednekar**, M.A. MPS, Assistant Professor– Global Health with special emphasis on Reproductive health of Women, Education, Sanitation and Environment
- **Prachi Prabhu**, M.Phil., Assistant Professor- Feminist History, Community Reform, Sexuality and Gender
- **Vithai Zaraunker**, M.A, Assistant Professor-Gender, Caste and Tribe

### Contractual:

- **Ms. Kajal Rivankar**, MSW Assistant Professor -Gender & Health, Gender & Environment, Family and Child Welfare
- **Ms. Alisha Gracy Fatima Dias**, MSW, Assistant Professor, Community Health, Mental Health, Human Development and Environment
- **Ms. Vasudha Sawaiker**, MSW, Assistant Professor, Higher Education, Ethics, Pedagogy, Exclusion, Caste
- **Ms. Divya Parmar**, M.A., LLM, Assistant Professor, Constitutional Law and Public Policy, Postmodern Discourses, Feminist Thought, Power and Sexuality

### Visiting Scholars:

| Name of the Scholar     | Institution                                | Title of Lecture                                    | Date       |
|-------------------------|--|---|------------|
| Mr. Prajal Sakhardande  | Dhempe College, Mirmar                     | History of Goa's freedom Struggle and Women Leaders | 13/12/2022 |
| Dr. Albertina Almeida   | Independent lawyer                         | Law and Contemporary Women's issues in Goa          | 11/03/2023 |
| Dr. Ashley Tellis       | Independent journalist                     | LGBTQIA movement                                    | 15/12/2022 |
| Dr. Nishtha Desai       | Retired Assistant Professor, Social worker | Black Feminism, Intersectionality and Child rights  | 05/12/2022 |
| Ms. Shalini Kala        |  | Home-based work in South Asia                       | 08/12/2022 |
| Ms. Amita Quenim        | IcebreaQers                                | Counselling in different settings                   | 07/12/2022 |
| Ms. Prachi Khandeparkar | Sangath                                    | Counselling techniques                              | 16/12/2022 |
| Arun Pandey             | ARZ  | Relevance of law, legal                             | 14/03/2023 |



|                     |                             |   |            |
|---------------------|-----------------------------|---|------------|
|                     |                             | systems to social work practice: Partnerships and interface   |            |
| Andy Silveira       | Goa Institute of Management | Queering Management Educational institutions through coalition building: a collaborative autoethnographic study | 18/03/2023 |
| Kumar Kalanand Mani | Peaceful Society            | Gandhian ideology   | 06/12/2022 |
| Mitali Bhate        | Goa College of Home Science | People-centred approach in community organisation   | 22/02/2023 |
| Esther Roe Torres   | Child Welfare Committee     | Skills required in community organisation practice  | 13/03/2023 |

### Major Thrust Areas and Achievements:

#### Major thrust areas and research of the school include:

- Gender, Health, Development, Law and Violence
- Growth and Development Economics, Gender and Development, Spatial Econometrics and Spatial Data analysis
- Global Health with special emphasis on Reproductive health of Women, Education, Sanitation and Environment
- Feminist History, Community Reform, Sexuality and Gender
- Gender, Caste and Tribe
- Gender & Health, Gender & Environment, Family and Child Welfare
- Community Health, Mental Health, Human Development and Environment
- Higher Education, Ethics, Pedagogy, Exclusion, Caste
- Constitutional Law and Public Policy, Postmodern Discourses, Feminist Thought, Power and Sexuality

#### Achievement:

##### Projects:

Sulochana Pednekar served as a consultant on the INFUSE Project to the University of Lancashire, UK, from April 2022 to March 2023

#### Seminars, Conferences, Workshops, etc., organised:

| Programme   | Date       | Major Sponsors |
|---|------------|----------------|
| Seminar on Women Entrepreneurs and Social Media                   | 08/10/2022 | Goa University |
| Purple Campaign for Gender Equity, at Goa College of Home Science | 15/10/2022 | Goa University |

|   |                              |  |   |
|---|------------------------------|--|---|
| Purple Campaign for Gender Equity at S.S. Dempo college of commerce and economics             | 23/04/2023                   |  | Goa University  |
| Purple Campaign for Gender Equity at Government College of Arts, Science and Commerce, Quepem | 05/11/2022                   |  | Goa University  |
| Purple Campaign for Gender Equity at Cuncolim Education Society's College, Cuncolim           | 29/10/2022                   |  | Goa University  |
| Film Festival on gender equality  | 28/02/2023                   |  | Goa University  |
| Making Equality a Reality, International Women's Day Programme                                | 15/03/2023                   |  | Goa University  |
| A Shop for a Cause  | 14/12/2022                   |  | Goa University  |
| Divap Ani Ghevap  | 14/12/2022                   |  | Goa University  |
| Perspective on Human Rights Day   | 10/12/2022                   |  | Goa University  |
| Inaugural lectures by the Chhatrapati Shivaji Maharaj Chair on Leadership and Governance      | 15/02/2023 and<br>16/02/2023 |  | Directorate of Higher Education,<br>Government of Goa |
| Field trip to the tribal village of Vanarmare community, Nirankal Dabal                       | 20/10/2022 and<br>21/10/2022 |  | Goa University  |
| Orientation visits to social organisation   | 08/09/2022 and<br>09/09/2022 |  | Goa University  |
| Participatory theatre workshop by Vishnu Barve  | 16/01/2023                   |  | Goa University  |
| Confidence-building workshop by Ms. Rina Barretto   | 16/01/2023                   |  | Goa University  |
| Participatory Rural appraisal workshop by Dr. Sachin Tendulkar                                | 17/01/2023                   |  | Goa University  |
| Rural camp of MSW students at Keri village  | 14/01/2023 to<br>19/01/2023  |  | Goa University  |

#### Research publications:

- Pednekar, S., Some, S., Rivankar, K. et al. Enabling factors for sustainable menstrual hygiene management practices: a rapid review. Discover Sustainability 3, 28 (2022). <https://doi.org/10.1007/s43621-022-00097-4>

**Ph.Ds:**

Degree Awarded: 01

Submitted: 00

Students on Roll: 00

**Conference Presentations, Lectures, etc.**

Conference presentations/ lectures resource Person / Panelist

**Professor Shaila Desouza**

- Desouza, S.: Speaker for International Women's Day Lecture organized by Fr. Agnel College of Arts & Commerce, Goa, Title: "Digit ALL: Innovation and Technology for Gender Equality on 08 March 2022.
- Desouza, S.: Conducting a workshop on Gender Sensitisation at Indian Institute of Technology Goa on 10 December 2022.
- Desouza, S.: Resource person for a Short Term Course on Human Rights and Conflict Management at HRDC, Goa University Topic: Gender Equality & Women's Rights- Why are we still unable to realize this in India? A perspective on 22 February 2023
- Desouza, S.: Resource persona for a two-sessions on 'POSH Act 2013' in the 114th Faculty Induction program organized by UGC- Human Resource Development Center, Goa University on 28 July 2022.
- Desouza, S.: External examiner for P.H.D Viva- Voce in Center for Women's Studies and Development, Panjab University, Chandigars, on 01 February 2023.
- Desouza, S.: Participated as a Chairperson in D.D Kosambi School of Social Science and Behavioural Studies, Goa University National Seminar on "State Politics and Policy in Goa organized on 16-17<sup>th</sup> January 2023.
- Desouza, S.: External examiner for P.H.D Viva -Voce in Women's Studies at Bharathiar University, Coimbatore, Tamil Nadu, on 09 May 2022.
- Desouza, S.: External examiner for P.H.D Viva -Voce in Women's Studies at Bharathiar University, Coimbatore, Tamil Nadu, on 09 May 2022.

**Associate Professor Aparna Lolayekar**

- Lolayekar, A.P.: Enhancing Final Year Student Projects. One Day Faculty Development Programme. Directorate of Higher Education (DHE), Goa State Higher Education Council (GSHEC), Goa State Research, Foundation (GSRF), and Goa University. 14 Jun 2023.
- Lolayekar, A.P.: Crime rate in India: Impact of social, economic and climatic factors. 17th Annual Conference on Economic Growth and Development. Indian Statistical Institute, New Delhi. 19-21 Dec 2022.
- Lolayekar, A.P.: Demographic Identities of Convicts and Social Equity in India. Refresher Course in Economics. HRDC, Goa University. 1-14 Nov 2022.
- Lolayekar, A.P.: Demographic Profile of Convicts and Social Equity in India: A Spatial Analysis. 19th International Workshop of Institutional and Organizational Economics Academy (IOEA). Institut d'Etudes Scientifiques de Cargese, in Corsica, France. 23-27 May 2022.

**Assistant Professor Sulochana Pednekar**

- Pednekar S. been examiner for the competition on performance of Premchand stories on 1/08/2022 organised by Hindi Programme of Shenoji Goembab School of Languages and Literature, Goa University

- Pednekar, S.: Envisioning Sustainability through the voices of the Indigenous communities in India, IIM Bodhgaya & University of Cambridge, 16/09/2022 to 17/09/2022.
- Pednekar, S.: Enabling factors for Sustainable Menstrual Hygiene Management Practices: A Rapid Review. Role of Education in the Implementation of the UN Sustainable Development Goals at Future Earth Systems of Sustainable Consumption and Production Knowledge-Action Network Online Conference 2022 (SSCP-KAN Conference 2022) organised by Global Sustainable Futures Progress through Partnerships Network (GSFN) in collaboration with Future Earth Global Secretariat Hub Japan (Research Institute for Humanity and Nature) and Future Earth Global Secretariat Hub Taipei (Academia Sinica). 7-18 Nov 2022. Presented on 10/11/2022
- Pednekar, S.: Menstrual Health Management Needs of Adolescent Girls in Schools in India,
- XLVI Indian Social Science Congress, Indian Social Science Academy and Bharthidasan University 27-31 Jan 2023
- Pednekar, S.: Environmental Protection Movements, Resistance and the Rights of Indigenous Communities in India. XLVI Indian Social Science Congress, Under Thematic panel on Ecological and Environmental Protection Movements. Indian Social Science Academy, Allahabad & Bharathidasan University, Tiruchirappalli. 27-31 Jan 2023.

#### **Assistant Professor Prachi Prabhu**

- Prabhu, P.: Speaker for Reproductive Health, Contraceptives, Menstrual Health course organised by Samveda Kendra Sankhali, 10 May 2023.
- Prabhu, P.: Speaker for Gender Equality session organised by DMC, Mapusa
- Prabhu, P.: Conducting a session on ‘Gender Awareness, Sensitivity and Equity’ organized by the Department of English DMC College on 9th January 2023.
- Prabhu, P.: Paper Titled ‘Psychosocial impact of the -Covid-19 Pandemic induced work from home for women in Goa at XLVI Indian Social Science Congress at Bharathidasan University, Tiruchirappalli, Tamil Nadu, from 27<sup>th</sup> to 31<sup>st</sup> January 2023.
- Prabhu P: Chairperson, Board of paper setters/examiners, Bachelor of Social Work examination, Goa University

#### **Assistant Professor Vithai Zaraunker**

- Zaraunker, V.: Conferences Paper presentations What is the future of oral Literature Investment, organised by Second Tribal Sahitya Sammelan organised by tribal research centre, Adivasi Sahitya Sangh and Art and Culture, Govt of Goa, January 29, 2023

#### **Assistant Professor Kajal Rivankar**

- Rivankar K.: Conducted talk on ‘Sustainable Menstruation’ to commemorate International Women’s Day. Sridora Caculo College of Commerce and Management Studies, Mapusa on 9<sup>th</sup> May 2022
- Rivankar K.: Enabling factors for Sustainable Menstrual Hygiene Management Practices: A Rapid Review. Role of Education in the Implementation of the UN Sustainable Development Goals at Future Earth Systems of Sustainable Consumption and Production Knowledge-Action Network Online Conference 2022 (SSCP-KAN Conference 2022)

organized by Global Sustainable Futures Progress through Partnerships Network (GSFN) in collaboration with Future Earth Global Secretariat Hub Japan (Research Institute for Humanity and Nature) and Future Earth Global Secretariat Hub Taipei (Academia Sinica). 7-18 Nov 2022. Presented on 10/11/2022

#### **Assistant Professor Vasudha Sawaiker**

- Sawaiker V.: Presented a Paper co-authored with Vidya Mary George ( Research Scholar, Goa University) and Shricharan Desai ( Member, Goa State Board for Wildlife) titled “Designed for Conflict: The Non- Implementation of Forests Rights Act in Goa” at the **Design for Justice Conference** organised by Justice Adda, Konrad Adenauer Stiftung and Kokam Trust on January 7, 2023 at International Centre, Goa
- Sawaiker V.: Participated in the Consultation on the Framework for the Interstate Migrant Workers Policy organised under the Pravasi Bandhu Project of Caritas Goa on March 27, 2023 at the Institute Nossa Senhora de Piedade Hall, Panaji Goa

#### **Courses attended/ Participated:**

- Zaraunker, V.: Lectures Attended female labour force participation rate in India and the way out (online) organised by V.V. Giri National Labour Institute, Noida on 02, November 2023
- Zaraunker, V.: Lectures Attended Thinking Civility and Justice: Some notes on Caste and Democracy in India organised by School of Sanskrit, Philosophy and Indic Studies, Goa University on 03, April 2023
- Zaraunker, V.: Online Workshops Attended Harassment and bullying in the academic world organised by women in Southeast Asian Social Sciences 6.30 am to 8.00 am, on 29 September 2022
- Zaraunker, V.: Workshop Attended use of the web of science - offline training organised by library Goa University on 29<sup>th</sup> September 2023.
- Zaraunker, V.: Online Workshop Grammarly Training - Goa University on 17<sup>th</sup> November 2022
- Zaraunker, V.: Master Class Series Lecture is "The Dawn of Space Exploration" By Dr. James Rhoads and Dr. Sangeeta Malhotra, Astronomers at NASA Goddard Space Flight Centre, USA. (offline) on 18<sup>th</sup> November 2022.
- Zaraunker, V.: “Outcome-based education: Assignment & attainment of Course and Programme Outcomes" Goa University (offline) on 18<sup>th</sup> November 2022
- Zaraunker, V.: Workshop on the use of census data organised by GBS in collaboration with MPS Goa University (offline) on 02<sup>nd</sup>, Feb.2023
- Zaraunker, V.: Workshop on NAAC organised by Goa University (offline) on 11<sup>th</sup> March 2023.
- Zaraunker, V.: Workshop on Life skills, including Sudarshan Kriya, organised by Goa University offline on 26<sup>th</sup> -28<sup>th</sup> April 2023.
- Zaraunker, V.: Lectures attended A talk by Leonardharis on what is philosophy. Example racism (nacro being as morally worst form) organised by the School of Sanskrit, Philosophy and Indic Studies, Goa University on 29 September 2022.
- Zaraunker, V.: Lectures Attended How egalitarians are the social sciences in India? Reflections 20 years hence organised by Azim Premji University (online) on 02<sup>nd</sup> Feb 2023.

- Prabhu, P.: Attend the refresher Course (Online) to be held at UGC-HRDC, University of Lucknow, for the period from 06/12/2022 to 19/12/2022
- Prabhu, P.: attended RISHII workshop - Strategic Line II organised by the Coordinating Committee of the Resources for Internationalisation of Higher Education in India (RISHII), Erasmus+ Project in Capacity Building in Higher Education: The Office of International Affairs and Collaborations (OIAC), Manipal Academy of Higher Education and Goa University on 22 April 2022.
- Prabhu, P. attended "Outcome-based education: Assignment & attainment of Course and Programme Outcomes" Goa University (offline) on 18<sup>th</sup> November 2022
- Dias, A. attended the National Seminar on Integrative Therapy, Innovations and Best Practices in Counselling organised by Goa College of Home Science on 2nd & 3rd March 2023
- Pednekar S. attended a refresher course offline on 'Women's Studies and Women's Empowerment' to be held from 4/01/2023 to 17/01/2023 at UGC-HRDC, University of Kerala.
- Pednekar S. attended "Outcome-based Education: Assignment & attainment of Course and Programme Outcomes" Goa University (Offline) on 18<sup>th</sup> November 2022
- Pednekar S. attended a workshop on 'Writing Manuscripts and Publishing in Quality Research Journals' (Offline) held on 27/08/2022 by the Directorate of Internal Quality Assurance, Goa University.
- Pednekar S.: Workshop on the use of census data organised by GBS in collaboration with MPS Goa University (offline) on 02<sup>nd</sup> Feb 2023
- Pednekar S. attended a workshop on 'Marine Farming and Society Engagement in Coastal State -Goa at Gram Panchayat Hall, Madkai, Ponda, Goa, on 4/2/2023 organised by Unnat Bharat Abhiyan and School of Biological Sciences and Biotechnology, Goa University in collaboration with Madkai Gram Panchayat, Madkai, Goa.

## 2.6 SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY (SBSB)

# SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY



**Dean:** Sr. Prof. Bernard F. Rodrigues

**Vice-Dean (Academic):** Prof. Sanjeev C. Ghadi

**Vice-Dean (Research):** Sr. Prof. S. Krishnan

Programmes and Degrees

Discipline of Botany

(M.Sc.,M.Phil.,Ph.D.)

Discipline of Microbiology

(M.Sc.,M.Phil.,Ph.D.)

Discipline of Zoology

(M.Sc.,M.Phil.,Ph.D.)

Discipline of Biotechnology

(M.Sc.,M.Phil.,Ph.D.)

### Discipline of Botany

**Faculty (Full-time):**

- **Bernard F. Rodrigues**, Ph.D., Senior Professor – Cytogenetics and Plant Breeding, Mycorrhizae, Reclamation of mining wastelands. Documentation of Medicinal Plants, Plant Tissue Culture.
- **Prabhat Kumar Sharma**, Ph.D., Senior Professor – Molecular Plant Stress Physiology, Climatic Changes and Crop Productivity, Bioprospecting.
- **S.Krishnan**, Ph.D., Senior Professor– Plant Histochemistry, Phytochemistry, Bioprospecting, Plant Biotechnology.
- **Vijaya U. Kerkar**, Ph.D., Professor– Algae and Pteridophyta.
- **Rupali Bhandari**, Ph.D., Assistant Professor – Plant Stress Physiology; Algal Physiology, Biochemistry and Biotechnology.
- **Siddhi Jalmi**, Ph.D., Assistant Professor–Plant Microbe Interaction, Plant Signaling.
- **Aditi Naik**, Ph. D., Assistant Professor - In-vitro culture studies for biological applications; Medicinal plants & their secondary metabolites; Medical pharmacology; Applied Sciences & Toxicology

### **Major Thrust Areas and Achievements:**

The major thrust areas and research interests of the department are:

- Biodiversity (Algae, Fungi, Bryophytes, Pteridophytes, and Higher Plants).
- Molecular Plant Stress Physiology, Climatic Changes and Crop Productivity.
- Plant Biotechnology, Plant Tissue Culture, Plant Molecular Biology and Genetic Engineering.
- Mycorrhiza and its applications.
- Plant Developmental and Functional Biology.
- Algal Physiology and Biochemistry
- Plant-Microbe Interaction and Plant Cell Signaling.
- Plant Histochemistry and Phytochemistry.
- Bio-prospecting.

Training of competent human resources for teaching and research and strengthening of facilities for Botany education. Documentation of Biodiversity (Algae, Fungi, Bryophytes, Pteridophytes, and Higher Plants) from the State of Goa and Western Ghats. Maintenance of Plant Herbarium and Fungus Culture Collection. Development of Biotechnological expertise in Plant Micropropagation, Bioremediation, and Mycorrhizal Bioinoculants. Consultancy in the areas of eco-conservation and environmental management. Reputation in society as a proactive Department having close links with NGOs, industries, media, and government Departments. Novel AM fungal species have been identified and published from the State of Goa. Besides, the Department houses an AM fungal culture collection.

### **Achievements: -**

#### **Awards received**

- Ms. Ravina Pai received the **Best Oral Presentation Award** at the International Conference on Environmental Sustainability and Biotechnology held on 16-19<sup>th</sup> November 2022.
- Ms. Ravina Pai got **First place for Best Oral Presentation** at the National Conference on Recent Trends in Plant Sciences and Biotechnology on the 3<sup>rd</sup> and 4<sup>th</sup> of November, 2022.
- Ms. Annie Princy Nadar got **Second place for Best Oral Presentation** at the National Conference on Recent Trends in Plant Sciences and Biotechnology on the 3<sup>rd</sup> and 4<sup>th</sup> of November 2022.
- Dr. Aditi Naik received **the First Best Poster award** at the International Conference on Natural Science and Green Technologies for Sustainable Development (NTSD-2022), organized by the School of Biological Sciences and Biotechnology, Goa University, from 30<sup>th</sup> November-2<sup>nd</sup> December 2022.
- Ms. Aishwarya Gaude cleared **CSIR – UGC NET JRF (2022)** with 141<sup>st</sup> rank for the second time.
- Ms. Roxiette Siqueira selected for **PhD DST INSIPRE Fellowship**.
- Ms. Vaishali Gaonkar selected for **SINGLE CHILD GIRL Fellowship**.



**Projects:**

| Project Investigator  | Status    | Title  | Funding Agency  | Grant(Rs. in Lakhs) |
|-----------------------|-----------|--|---|---------------------|
| Prof. B. F. Rodrigues | Ongoing   | 'Mangrove community zonation and biophysical characterization for the coast of Goa'            | ISRO  | Rs. 6,69,000/-      |
| Prof. B. F. Rodrigues | Completed | "Counting of Arbuscular Mycorrhizal fungal spores from a given suspension" (Consultancy)       | M/s Microbial Farm Research and Consultancy, Pudukkottai, Tamil Nadu. | Rs. 4,720,00/-      |
| Prof. B. F. Rodrigues | Completed | Consultancy to provide expertise and guidance for formulation of AM fungal inoculum – Phase I  | Deejay Farms, Bengaluru   | Rs. 30,000,00/-     |
| Prof. B. F. Rodrigues | Completed | Consultancy to provide expertise and guidance for formulation of AM fungal inoculum – Phase II | Deejay Farms, Bengaluru   | Rs. 30,000,00       |
| Dr. Siddhi K. Jalmi   | Ongoing   | Elucidation of dual activity of siderophores in iron sequestration and salt tolerance          | SERB-DST, Govt of India   | Rs. 30,40,000/-     |
| Dr. Siddhi K. Jalmi   | Ongoing   | Regulation of secondary metabolite biosynthesis in rice varieties of Goa                       | MHRD/UGC, Govt of India   | Rs. 10,00,000/-     |

**Research Publications:****Prof. B. F. Rodrigues**

- Rodrigues, K. M. and B. F. Rodrigues (2022) Arbuscular Mycorrhizal (AM) Fungal Diversity from Coastal Dunes. In: Fungal diversity, ecology and control management (Eds. V. R. Rajpal et al.). Springer Nature pp.311-323.
- Rodrigues, B. F. (2022) Diversity of arbuscular mycorrhizal fungi in mangrove ecosystem – A review. *J. Mycopathol. Res.*, 60(2): 155-165.
- Rodrigues, B. F. (2022) Plant-arbuscular mycorrhizal fungal interaction: Insight into sustainable agroecosystems. *Kavaka*, 58(2): 1-4.
- Bukhari M. J. and B. F. Rodrigues (2022) Aging increases Arbuscular Mycorrhizal fungal diversity in iron ore mine sites. *Kavaka*, 58(3): 39-47.
- Sankrita Gaonkar and B. F. Rodrigues (2022) Seasonal variations in diversity of arbuscularmycorrhizal fungi in mangrove species of Indian East and the West coast. *Kavaka* 58(3): 21-28, doi:10.36460/Kavaka/58/3/2022/21-28.

### **Dr. Rupali Bhandari**

- Shravani Korgaonkar and Rupali Bhandari (2023) Alleviation of drought stress effects in two rice (*Oryza sativa* L.) cultivars by foliar application of salicylic acid. *Russian Journal of Plant Physiology*. 70(6).
- Shravani Korgaonkar and Rupali Bhandari (2023) Drought Stress in Plants: Effects and Tolerance. *Journal of Stress Physiology & Biochemistry*, Vol. 19, No. 1, pp. 5-17.
- Chahal Shristi and Rupali Bhandari (2022) Phycoremediation: A future aspect of wastewater treatment. *Indian Hydrobiology*. 21(1); 2022; 135-151.

### **Dr. Siddhi Jalmi**

- Yadav VK, Jalmi SK, Tiwari S, Kerkar SK. (2023). Deciphering shared attributes of plant long non-coding RNAs through a comparative computational approach. *Scientific Reports* 13, 15101.
- Merino I, Guasca AO, Krmela A, Arif U, Ali A, Westerberg E, Jalmi SK, Hajslova J, Schulzova V, Sitbon F. (2023) Metabolomic and Transcriptomic Analyses Identify External Conditions and Key Genes Underlying High Levels of Toxic Glycoalkaloids in Tubers of Stress- sensitive Potato Cultivars. *Frontiers in Plant Science*, 14:1210850.
- Jalmi, S. K. (2022). The Role of ABC Transporters in Metal Transport in Plants. In *Plant Metal and Metalloid Transporters* (pp. 55-71). Springer, Singapore.
- Yadav VK, Sawant SV, Yadav A, Jalmi SK & Kerkar S (2022) Genome-wide analysis of long non-coding RNAs under diel light exhibits role in floral development and the circadian clock in *Arabidopsis thaliana*, *International Journal of Biological Macromolecules*, 223:1693-1704. (IF: 8.02)

#### **Ph.Ds:**

Degrees Awarded: 06

Submitted: 03

Students on Roll:14

### **Conference Presentations, Lectures, etc.**

#### **Prof. B. F. Rodrigues**

- Delivered Keynote address for the one-day virtual National Conference on Biodiversity and Development at Seth Hirachand Mutha College of Arts, Commerce and Science, Kalyan (W), Mumbai – 25<sup>th</sup> March 2023. Topic: Mycorrhizae and sustainability.
- Delivered Invited lecture at the 49<sup>th</sup> Annual Meeting of MSI and ‘National conference on fungal diversity for sustainable future: potentiality, progress, conservation, and IPR issue’ held at Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh) from 28-30 November 2022 (online).
- Delivered lecture at the National Webinar on Diversified Fungi: Insights and Implications on 1<sup>st</sup> February 2023, organized by Dr. MGR-Janaki College of Arts and Science for Women.
- Delivered lecture at the International Conference on Microbes for Sustainable Agriculture, Animal Husbandry and Environment on 3<sup>rd</sup> February 2023, organized by Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur (M.S.).

- Delivered a lecture on “Revegetation of Iron ore mine wastelands in Goa” for the 114<sup>th</sup> Faculty Induction Programme at HRDC, Goa University, on 11<sup>th</sup> August 2022.
- Delivered lecture at 116<sup>th</sup> Faculty Induction Programme organized by UGC- UGC-HRDC, Goa University - online platform (22.11.2022).
- Delivered lecture at Refresher Course in Environmental Science (Inter-Disciplinary) organized by UGC- UGC-HRDC, Goa University - online platform (30.11.2022).
- Attended Governing Council Member of Goa College of Pharmacy, attended the NBA accreditation for interacting with the NBA inspecting team on 13<sup>th</sup> January 2023.
- Delivered two lectures for the Refresher Course in Life Sciences at HRDC, Goa University, on 12<sup>th</sup> January 2023.
- Delivered Valedictory address for the Refresher Course in Life Sciences at HRDC, Goa University on 23<sup>rd</sup> January 2023.
- Delivered an invited lecture at MES College Zuarinagar Goa as a part of “Vidnyan Dhara 2023,” A mega Science Series on 24<sup>th</sup> January 2023.
- Attended the Governing Council Meeting at Padre Conceicao College of Engineering, Verna, Goa, on 27<sup>th</sup> January 2023.
- Delivered two lectures for the 117<sup>th</sup> FIP Programme at HRDC, Goa University, on 6<sup>th</sup> March 2023.

#### **Prof. P. K. Sharma**

- Delivered a lecture on “Photosynthesis and food and fuel security” at one one-day Seminar organized by Parvatibhai Chowgule College, Dept. of Botany on 27/2/2023.
- Delivered a lecture on "Impact of hypersalinity on salt sensitive and tolerant local varieties of salt (*Oryza sativa*): A comparative account at the International Conference on Physiology and molecular mechanism of abiotic stress tolerance in Plants from 26-28 October 2022 at the University of Calicut.

#### **Prof. S. Krishnan**

- Delivered lecture at Goa Music College, Altino, as a part of Vidnyan Dhara organized by Directorate of Higher Education, Porvorim, on 24<sup>th</sup> January 2023.

#### **Dr. Rupali Bhandari**

- Delivered lecture at an International Conference on current trends and Future Prospects in Plant Biology held at the Department of Botany, University of Hyderabad, from 23<sup>rd</sup> February to 25<sup>th</sup> February 2023.
- Delivered a guest lecture on “Cyanobacteria as Biofertilizers” at Parvatibhai Chowgule College of Arts & Science, Margao, Goa, on 29<sup>th</sup> August 2022.
- Delivered lecture on “Biofertilizers: A eco-friendly technology for nutrient cycling” at Fr. Agnel Multipurpose higher secondary school, Verna, as a part of Vidnyan Dhara organized by Directorate of Higher Education, Porvorim, on 28<sup>th</sup> January 2023.

#### **Dr. Siddhi Jalmi**

- Delivered a lecture entitled “Technology-driven sustainable Agriculture’, at Goa College of Home Science, organized by the Directorate of Higher Education and Goa State Higher Education Council.

- Delivered invited talk at the Directorate of Higher Education, Goa, in “One-day Research Grant Writing Workshop,” held on 9<sup>th</sup> September 2022.

**Dr. Aditi Naik**

- Delivered lecture on “PLANTS - Our Planet’s Master Chemists” at Sant Sohirobanath Ambiye College of Arts & Commerce as a part of Vidnyan Dhara organized by Directorate of Higher Education, Porvorim on 06<sup>th</sup> February 2023.
- Invited as a judge for a Solo dance competition organized by Sarvajanic Ganesh Mandal, Parra, for children 12 years or below on 17<sup>th</sup> September 2022.
- Invited as a judge for ‘Rangotsav 2022’ for an Inter-School Folk Dance competition organized for Middle and High School school students of Bardez and Tiswadi Block Resource Centres of Goa Sarva Shiksha Abhiyan on 17<sup>th</sup> November 2022.
- Invited as a judge for ‘Group dance competition’ organized by ‘Om Kala, Sanskrutik Kendra,’ Halarna on 30<sup>th</sup> December 2022.

**Activities organized by Botany discipline (conferences, workshops, invited lectures, Seminars, etc.):**

- Two Days National Conference on Recent Trends in Plant Sciences and Biotechnology - 3<sup>rd</sup> and 4<sup>th</sup> of November, 2022.
- Guest lecture by Prof. A. P. Das, Formerly a Professor North Bengal University, Siliguri, Darjeeling, West Bengal delivered a lecture on “Conservation and Sustainable Utilization of Natural Plant Resources-Lessons from Traditional Knowledge” -12<sup>th</sup> December 2022.
- Guest Lecture by Dr. Uday Barad, Aquem, Margao, Goa delivered a lecture on “Coconut and its health benefits” - 6<sup>th</sup> December 2022.
- Two-day field trip for M. Sc. Part II Botany students to Ambolim and surrounding areas - 7<sup>th</sup> and 8<sup>th</sup> February 2023.
- One-day field trip for M. Sc. Part I Botany students at Netravali and Sanguem - 9<sup>th</sup> March 2023.
- Guest lectures on the occasion of Science Day event by Dr. A R Desai, Principal scientist from ICAR-CCARI, Goa, and Dr. Praveen K. Saxena, Professor and Director, Gosling Research Institute for Plant Preservation (GRIPP), University of Guelph, Canada, followed by various competitions on science themes for students of Colleges and University - 27<sup>th</sup> February 2023.

**Any extracurricular activity or sports, etc., organized for students:**

- Dr. Rupali Bhandari and SBSI (M. Sc. Part II Botany) students organized various online and offline competitions for the students on the theme GREENARY during March 2023.
- Dr. Siddhi organized Botanica Event for the students of Goa University and colleges across Goa, with various competitions like debate competition on the topic of development v/s conservation, photography on nature’s way of survival, Poem writing on Conflicts on Mhadei, Algal walk, etc, on 27<sup>th</sup> February 2023.
- Dr. Aditi Naik and SBSI (M.Sc. part I, Botany) students distributed 500+ saplings to students, staff, and locals at the Goa University campus - 27<sup>th</sup> to 6<sup>th</sup> March 2023.
- Dr. Aditi Naik and SBSI (M.Sc. part I, Botany) students and Botany discipline faculties organized Science-day event ‘Colours of Science’ competitions - 28<sup>th</sup> February 2023.

## Discipline of Zoology

### Faculty (Full-time):

- **Nitin S. Sawant**, Ph.D., Assistant Professor, Programme Director – Ecology, Conservation Biology, Wildlife Biology, Herpetology, Biodiversity
- **Minal Shirodkar Desai**, Ph.D., Assistant Professor – Ornithology, Bioacoustics
- **Avelyno D’Costa**, Ph.D., Assistant Professor – Toxicology, Genetics
- **Shanti N. Dessai**, Ph.D., Assistant Professor – Animal Physiology, Animal Cell Culture
- **Gandhita Kundaikar**, M. Sc, MH-SET, Assistant Professor – Fisheries and Aquaculture
- **Shamshad Shaikh**, Ph.D., Assistant Professor – Animal Physiology, Nanotoxicity
- **Dr. Preeti Periera**, Ph.D., Assistant Professor – Taxonomy and Marine Biology

### Major Thrust Areas and Achievements:

#### Thrust Areas:

Ecology, Wildlife, Biodiversity, Animal physiology, Toxicology, Genetics, Aquaculture, Marine biology, Taxonomy

#### Projects:

| Investigator    | Status  | Title  | Funding agency   | Grant (Rs. in Lakhs) |
|-----------------|---|--|--|----------------------|
| Nitin S. Sawant | Completed in 2022   | Development of Butterfly Gardens at Government College Pernem and Sankhalim          | Directorate of Higher Education, Government of Goa                                 | Rs. 8,45,855.00      |
| Nitin S. Sawant | Submitted final draft, waiting for comments from Funding agency | Preparation of Management Plan for Mhadei Wildlife Sanctuary.                        | Goa Forest Department, Government of Goa   | Rs. 4,95,000.00      |
| Nitin S. Sawant | Ongoing<br>Extended till May 2024                               | Diversity of Herpetofauna of Goa, Maharashtra and Karnataka                          | Ministry of Environment, Forest and Climate Change, Government of India, New Delhi | Rs. 50,20,504.00     |
| Nitin S. Sawant | Submitted, received comments, final draft under process         | Conservation and management of intertidal mudflats along the coastline of Goa, India | GFDC (Research Division), Goa Forest Department                                    | Rs. 3,00,000.00      |

|                       |   |   |  |                 |
|-----------------------|---|---|--|-----------------|
| Nitin S. Sawant       | Will be submitted by end of November 2023 | Study of Faunal Diversity of Cotigao and Netravali Wildlife Sanctuary, Goa Forest Department, Government of Goa.  | Goa Forest Department, Wildlife Division | Rs. 4,99,000.00 |
| Nitin S. Sawant       | Will be submitted by end of November 2023 | Faunal Assessment of Goa University Campus  | Goa University                           | Rs. 1,30,000.00 |
| Nitin S. Sawant       | Will be submitted by end of November 2023 | Impact of Climate Change of Ichthyofauna  | Goa State Biodiversity Board             | Rs. 3,00,000.00 |
| Minal Desai Shirodkar | Will be submitted by March 2023           | Documentation of birds of Goa University Campus   | Goa University                           | Rs. 1,00,000.00 |
| Preeti A. Pereira     | Approved                                  | Taxonomy, regional-scale diversity and geographical distribution of Marine sponges (Phylum Porifera) from the West Coast (Maharashtra, Goa and Karnataka) of India. | SERB-TARE                                | Rs. 15,00,000   |

**Seminars, Conferences, Workshops, etc., organized:**

| Programme   | Date                  | Major Sponsors  |
|---|-----------------------|---|
| Tiger Day Celebration   | 22nd August 2022      | Goa University  |
| National conference on “Animal Sciences: Integrated solutions for sustainability” | 1st to 3rd March 2023 | Goa University, Pentonic, A. J. Costa Stationery and Photocopy, Shivprasad Enterprises. |

**Invited Talks:**

**Dr. Nitin S. Sawant**

1. Invited to deliver a lecture at Carmel College for the Celebration G20 presidency of India, District level Neighbourhood Youth Parliament, on 30<sup>th</sup> March 2023.
2. Delivered Keynote address at the International Conference on Multidisciplinary Approach Towards sustainable development and climate change for a viable future (ICMSDC 2022) organized by Raj Rishi Govt. Autonomous College Alwar,

Rajasthan, India Under the auspices of Rastruya Uchcharitar Shiksha Abhiyan from 12th to 14th August 2022.

3. Invited as resource person to deliver a session on “VIDNYAN DHARA” A mega Science Series 2023, organized by Goa State Higher Education Council and Directorate of Higher Education, Porvorim, Goa to celebrate National Science Day from 12th January to 28th February 2023 at Educational Institutes in Goa.
4. Invited as resource person to create awareness on mangroves and avian diversity at Dr. Salim Ali Bird Sanctuary, organized by Vijayananda High School, Tikhazen, Mayhem, Bicholim, on 4th February 2023.

#### **Dr. Avelyno D’Costa**

1. Delivered a talk on “Research Opportunities in Zoology”, for Zoology students of Government college of Arts Science and Commerce, Sanquelim Goa on 29<sup>th</sup> April 2022

#### **Ms. Gandhita Vasant Kundaikar**

1. Delivered a talk on the topic "New Horizons of Aquaculture." at Auxilim School, Caranzalem Panjim, on the occasion of Science Day as a part of Vidyan Dhara organised by DHE Goa on 7th February 2023

#### **Dr. Shanti Dessai**

1. Invited interactive participation as session chair on 15th December 2022 at IBRO–APRC associated School on “Understanding the Pathophysiology of Pain and Cognition using animal experiments” held from 12<sup>th</sup> to 16<sup>th</sup> December 2022 organized by University of Hyderabad in association with International Brain Research Organization-Asia/ Pacific regional Committee.
2. Invited talk on “BrainTalks” to Promote Research in Neuroscience on 18th January 2023 at Institute of Psychiatry & Human Behaviour Bambolim Goa for “VIDNYAN DHARA 2023”, A MEGA SCIENCE SERIES organized by Goa State Higher Education Council and Directorate of Higher Education, Government of Goa from 12<sup>th</sup> -21<sup>st</sup> January 2023.
3. Invited talk on “Brain Talks: Research Focus on Developmental Neuroscience” at Session III on Targeting pathways in Neuroscience of One-day Symposium on Advances in Deciphering Cellular & Molecular Mechanisms of Modern Neuroscience on 13<sup>th</sup> March 2023, organized by Society for Neurochemistry India (SNCI) Delhi Local Chapter & Jamia Hamdard (Hamdard University), New Delhi.

#### **Conference presentation:**

1. Desai Minal, Talavnekar Prachi. and Nene Aishwarya, (2023) Eco-Landscaping can be the best choice for biodiversity and beautification of Goa University Campus. National Conference on Animal Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3<sup>rd</sup> March 2023.
2. Gaude Pooja, Desai Minal (2023) Ecology of Red-wattled Lapwing (*Vanellus indicus*). National Conference on Animal Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3<sup>rd</sup> March 2023.
3. Naik Vithal and Desai Minal (2023) Habitat diversity compliments the Avian diversity in Netravali Wildlife Sanctuary, Goa, India. National Conference on Animal

- Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3rd March 2023.
4. Pagi D.D., Sawant N., Desai M. D'costa A. Dessai S., Kundaikar G., Shaikh S. Pereira P. (2023) Diversity of Saurian Fauna from Poinguinim, Cancona, Goa. National Conference on Animal Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3rd March 2023.
  5. Bharti V., Sawant N., Desai M. D'costa A. Dessai S., Kundaikar G., Shaikh S. Pereira P. (2023) Short-term Moth Diversity Study at Sauta Vaddo, Calangute, Goa, India. National Conference on Animal Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3rd March 2023.
  6. Khandeparkar A., Sawant N., Desai M. D'costa A. Dessai S., Kundaikar G., Shaikh S. Pereira P. (2023) Representation of Ichthyofauna of Khazan lands at Carambolim, Tiswadi, Goa, India. National Conference on Animal Sciences: Integrated solutions for sustainability, at Goa University, Goa on 1-3rd March 2023.
  7. Shreya Khorjuvekar, Prajval Desai, and Shanti N. Dessai. Study of FMR1 Gene Expression in Chick Embryo Brain Treated with Valproic acid. 36th Annual meeting of the Society for Neurochemistry India (SNCI), 2022 and International Conference on "One Health and Translational Research in Neurosciences" held from 10th -12th November 2022 organized by Dr. G. M. Taori Central India Institute of Medical Sciences (Bajaj Nagar, Nagpur) and Indian Institute of Information Technology, Nagpur.
  8. Prajval Desai, Shreya Khorjuvekar, and Shanti N. Dessai. Study of CPEB4 Gene Expression in Autistic Chick Embryo Brain 36th Annual meeting of the Society for Neurochemistry India (SNCI), 2022 and International Conference on "One Health and Translational Research in Neurosciences" held from 10th -12th November 2022 organized by Dr. G. M. Taori Central India Institute of Medical Sciences (Bajaj Nagar, Nagpur) and Indian Institute of Information Technology, Nagpur.
  9. Shreya Khorjuvekar, Prajval Desai, and Shanti N. Dessai. at National Seminar on Life and Life Processes: Interdisciplinary Approach for Sustainable Development, 19th to 21st July 2021.
  10. Prajval Desai, Shreya Khorjuvekar, and Shanti N. Dessai. Cytoplasmic Polyadenylation Element-binding Protein 4 Gene Expression in Developing Chick embryo Brain. National Conference on "Animal Sciences: Integrated solutions for sustainability", 1<sup>st</sup>- 3<sup>rd</sup> March 2023, Zoology Discipline School of Biological Sciences and Biotechnology, Goa University.
  11. Shreya Khorjuvekar, Prajval Desai, and Shanti N. Dessai. Status Fragile X Messenger Ribonucleoprotein 1 Gene Expression in chick embryo brain. National Conference on "Animal Sciences: Integrated solutions for sustainability", 1st- 3rd March 2023, Zoology Discipline School of Biological Sciences and Biotechnology, Goa University.

#### **Research publications:**

- D'Costa, A. H. (2022). Microplastics in decapod crustaceans: Accumulation, toxicity and impacts, a review. *Science of The Total Environment*, 832: 154963.
- Nitin Sawant, Amrut Singh, Shubham Ran, Sagar Naik and Mayur Gawas 2022. An unusual morph of *Naja naja* (Linnaeus, 1758) (Squamata: Serpentes) from Goa, India, *Journal of Threatened Taxa*, 14(8): 21736–21738 ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print)



**Book chapter:** Nil

**Ph. Ds.**

Degrees Awarded: 00

Submitted: NIL

Students on roll: 16

**NET /SET Mentoring:**

Dr. Shanti N. Dessai, Dr. Avelyno D’Costa and Ms.Gandhita Kundaikar, were Mentors for aspirants for National Eligibility Test (NET) and State Eligibility Test (SET) at Goa University.

**Other activities:**

1. Invited eminent Wildlife Biologist, Conservationist and Author to deliver talk on “Conservation Prospects for Key Species in India, Botswana and North America 21st September 2022.
2. Appointed as a Team leader on the “sub-committee of Mammals, herpetofauna and associated species' ' and team members for preparing Goa State Biodiversity Strategy & Action Plan (GSBSAP).
3. Participated in Bird Festival along with M. Sc students, organized by Goa Forest Department, Government of Goa Jan 2023

**Discipline of Biotechnology**

**Faculty (Full-time):**

- **Kerkar, Savita** Ph.D., Senior Professor - Biodiversity & bioprospecting of bioactive compounds from salt pan bacteria. Probiotics and bioremediation of metals using hypersaline aerobic/anaerobic bacteria.
- **Ghadi, Sanjeev C.** Ph.D., Professor - Applied Enzymology, Genetics and Molecular Biology, Bioinformatics
- **Samant, Sanika Darshan** Ph.D., Assistant Professor, Bioremediation and Bioprospecting and nanomaterial studies.
- **Tiwari, Dharmendra Kumar** Ph.D., UGC-Assistant Professor- Biosensor development, Biomaterials, Nanomaterials for biological applications, fluorescent protein engineering and Light microscopy.
- **Prabhu, Meghanath Shambhu** Ph.D., Assistant Professor- Marine-Algae Biotechnology, Environmental Biotechnology, Fermentation, Sustainable Development.
- **Mapari, Dviti Dayanand** M.Sc., Assistant Professor- Microbial Physiology, Industrial Microbiology, Agricultural Microbiology, and Immunology.

**Contractual Faculty**

- **Samantha, D’Mello Fernandes:** Ph.D., Biotechnology Assistant Professor- Biotechnology, Aquaculture Biotechnology, Marine Immunology & pathogenesis, Probiotics, nutriproteomics in aquaculture, Food technology.
- **Snesha Bhomkar** M.Sc., Assistant Professor- Biotechnology, General Microbiology, Oceanography, Marine Microbiology, phytoplankton ecophysiology Plankton studies.

**Major Thrust Areas:**

- Cloning of Agarase and other polysaccharide degrading enzymes and therapeutic potential of oligosaccharides.
- Endophytic bacteria from insectivorous plants and bioprospecting Marine Viruses.
- Genomics and metagenomics studies of microorganisms from marine ecosystems
- Xylanases, Cellulases, amylases, lipases and proteases of potential importance from marine microorganisms.
- Biodiversity & Ecology of hypersaline bacteria, Sulphur oxidisers & reducers, Bioremediation of heavy metals, Bioactive metabolites from marine bacteria.
- Seaweed biorefinery concept and fermentation technology for sustainable use of marine macroalgae.
- Biosensor development, Nanomaterials for biological applications, fluorescent protein engineering.

**Awards and Achievements:**

- Dr. Samantha Fernandes e D' mello received the Bronze medal on 25/01/2023 for securing third position in the 10 km employee women category at the Goa University marathon 2022 held on 18<sup>th</sup> Dec.2022.
- Prof. Savita Kerkar was felicitated on 26<sup>th</sup> Jan. 2023 for her services and dedication to the Ladies Hostel as a chief warden for 11 years.
- Prof. Savita Kerkar was awarded the Goa State Applied Biodiversity Researcher award from the Goa State Biodiversity Board in May 2023.
- Prof. Savita Kerkar received the "Late Smt. Kanak Sinha Memorial Award 2022" presented by NESAs, New Delhi.
- Prof. S. Ghadi was awarded the "NESAs Honorary Fellowship of the Year Award 2022" Presented by NESAs, New Delhi.
- Ms. Dviti Mapari was a member of the "Goa State Biodiversity Conservation Award 2022" winning Chora Village Biodiversity Management Committee (Special Appreciation award) on 5<sup>th</sup> June 2022.
- Students of the Biotechnology discipline were Winner of Synapse 2023- an intercollegiate event organised by Parvatibai Chowgule College of Arts & Science, Margao-Goa.

**Projects:**

| <b>Project Investigator</b> | <b>Status</b> | <b>Title</b>  | <b>Funding Agency</b> | <b>Grant (Rs.in Lakhs)</b> |
|-----------------------------|---------------|---|-----------------------|----------------------------|
| Dr. Dhermendra Tiwari       | Ongoing       | Photodynamic therapy using viruses like nanoparticles (VLNP) based BRET nano-photosensitiser for non-invasive cancer treatment.   | DBT-India             | 88.00 Lakh                 |
| Prof. Savita Kerkar         | Ongoing       | Bioprospecting of Goan salt pans to identify indigenous pigment producing bacteria suitable for food & pharmaceutical application | DBT Project           | 43.97 Lakh                 |

|  |         |  |             |            |
|--|---------|--|-------------|------------|
| Prof. S.C. Ghadi   | Ongoing | Bioprospecting for active biological oligosaccharides produced from marine polysaccharides by bacterial CAZymes  | DBT Project | 65.50 Lakh |
| Prof. S.C. Ghadi (Goa University) and Dr. Krishnan (NCPOR) | Ongoing | XLII Indian Scientific Expedition to Antarctica" Characterisation of polysaccharide degrading bacteria from the lakes of Schirmacher oasis using culturable and metagenomic approaches | NCPOR       | NIL        |

#### Post-Doctoral Projects and fellowships:

| Project Investigator                             | Status  | Title   | Funding agency | Grant (Rs.in Lakhs) |
|--|---------|---|----------------|---------------------|
| Dr. Manisha Tiwari (Mentor- Prof. Savita Kerkar) | Ongoing | Development of ultrasensitive luminescent paper biosensor for quantification of cadmium and arsenic heavy metal contamination in drinking water and seafood       | DBT-Biocare    | 42.25853/-          |
| Dr. Moitreyi Das (Mentor- Prof. Savita Kerkar)   | Ongoing | Screening and characterisation of metabolites effective for neuroprotection against depression, produced by hypersaline bacteria from the salt pans of Goa, India | UGC (DSK-Pdf)  | 23.70720/-          |
| Dr. Vikash Kumar (Mentor- Prof. Savita Kerkar)   | Ongoing | Unravelling the epigenetic regulation of diazocyte development in the marine cyanobacterium Trichodesmium. Total Fellowship received in financial year 2022-23    | DBT-RA         | 7. 04240/-          |

#### Visiting Scholars:

| Name of the Scholar         | Institution   | Title of Lecture                                 | Date       |
|-----------------------------|---|--|------------|
| Dr. Abishek Mishra          | Dept. of Pathology & Genomic Medicine, Infectious Diseases Research, Houston, Texas | Open Question Hour: NET/JRF/GATE/ preparation    | 16.07.2022 |
| Prof. Vayalam P Venugopalan | Bhabha Atomic Research Centre   | Emerging opportunities in science and technology | 06.07.2022 |

|  |   |   |            |
|--|---|---|------------|
| Dr. Praveen Kumar, (Asstt Prof. & oral & Maxillo Facial Surgeon) & Dr. Omkar Shetye ( Asstt Prof. & Oral +Maxillofacial Surgeon, | Goa Dental College & Hospital   | Lecture on Road Safety Awareness            | 30.01.2023 |
| Prof. Ramachandran Shaji   | Department of Haematology Christian Medical College (CMC) Vellore, Tamil Nadu, India. | Gene-edited stem cells for disease modeling | 21.11.2022 |

**Placement:**

- Placement drive was conducted by Biotechnology discipline in collaboration with DSPAR by Latamarcem Breweries and Esteller Academy on 5<sup>th</sup> April 2023.
- Placement drive was conducted by Biotechnology discipline in collaboration with DSPAR by Molbiagnostics Pvt. Ltd on 15<sup>th</sup> May 2023.

**Presentation in Conferences, Seminar and invited lectures and experts:**

- Prof. Savita Kerkar, IC Sensitization programmes for the School of Chemical Sciences, Biological Sciences, SEAOS, SPAS on the 25<sup>th</sup> from June 2022 to September 2022.
- Prof. S.C. Ghadi delivered a talk on Seaweed Holotiosts 19-10-22 Lecture Series "Life Sciences and Nature" at St. Xaviers College, Mapusa Goa.
- Prof. Savita Kerkar delivered a talk on 11<sup>th</sup> October 2022 at St. Xavier College, Mapusa. "Biomimetics"
- Prof. Savita Kerkar delivered a Talk on "Potential applications of Biomimetics in Biotechnology" for ICESB Conference organised by PES College, Farmagudi, on 19<sup>th</sup> November 2022.
- Prof. Savita Kerkar: delivered a Talk on "Salterns as a Reservoir of Green Technology for Sustainable Development" for the NTSD-2022 Conference on 1/12/2022
- Prof. Savita Kerkar Faculty delivered a talk on "Close Encounter in my Arctic expedition" for the induction programme organised by HRDC Goa University on 15/10/2022
- Dr. Meghanath Prabhu delivered a lecture under the Vidnyan Dhara lecture series on "green seaweed biorefinery for sustainable development" organised by DHE Goa at CES College of Arts & Commerce on 24<sup>th</sup> January 2023.
- Ms. Dviti D. Mapari delivered a lecture on "Extremophilic Microorganism and its Applications at Shree Shantadurga Higher Secondary School, Pirna, on 3<sup>rd</sup> February 2023, under Vidnyan Dhara lecture series organised by DHE Goa.
- Dr. Dhermendra Tiwari delivered a lecture on "Seeing is in believing: Fluorescent imaging Florescent microscopy at Damodar College of Commerce and Economics on 17<sup>th</sup> January 2023, under Vidnyan Dhara lecture series conducted by DHE, Goa.

- Ms. Dviti D. Mapari delivered a lecture on, Career counselling in Microbiology at PES College, Ponda, on 12<sup>th</sup> March 2022.
- Dr. Dharmendra Kumar Tiwari participated in Bio – Asia 2023, Hyderabad Convection Centre, 24-26 March 2023.
- Dr. D.K. Tiwari delivered a talk on "Seeing in believing: Fluorescence Imaging and Instrumentation" at Dempo College of Commerce and Economics, Cujira, under Vidhyan Dhara Lecture Series organised by DHE, Goa.
- Dr. D.K. Tiwari, Presented a Poster at "Monoscience and Nanotech Symposium London, UK on 26<sup>th</sup> January 2023.
- Dr. Meghanath Prabhu was the chief guest for the Annual Prize distribution ceremony at Shiroda Higher Secondary School, Shiroda Goa, on 20<sup>th</sup> December 2020.
- Dr. Meghanath Prabhu was invited as an external expert to conduct an interview DBT Builder Project at BITS Pilani KK Birla Goa campus on 3<sup>rd</sup> April 2023.
- Posters presented by Veda Vinay Manerikar - Assessment of microplastics in coastal and estuarine sites of Goa, at Natural Science and Green Technologies for Sustainable Development (NTSD-2022) organised by Goa University and National Environmental Science Academy (NESA) at Goa University on 30<sup>th</sup> November to 2<sup>nd</sup> December 2022.
- Posters presented by Elaine Da Costa - Characterisation of seaweed polysaccharide degrading bacteria and their exploitation for antidiabetic activity (consolation prize), Natural Science and Green Technologies for Sustainable Development (NTSD-2022) organised by Goa University and National Environmental Science Academy (NESA) at Goa University on 30<sup>th</sup> November to 2<sup>nd</sup> December 2022.
- Posters presented Devika Jadhav - Antidiabetic properties of marine oligosaccharides, at Natural Science and Green Technologies for Sustainable Development (NTSD-2022) organised by Goa University and National Environmental Science Academy (NESA) at Goa University on 30<sup>th</sup> November to 2<sup>nd</sup> December 2022.
- Nicola Faria and Ghadi S.C. (2022) ISVM (International society of viruses of microbes) Viruses of Microbes VoM 2022, (18-22 July 2022), Guimaraes, Portugal.

### **Research Publications:**

#### **Articles in journals**

- Imran, M., H Kotecha, E Da Costa, D.R., Jadhav, and S.C. Ghadi (2023) Enzymatic preparation, purification, and therapeutic applications of marine oligosaccharides. In book: New Horizons in Natural Compound Research, (pp.231-250). Surya Nandan Meena Vinod Nandre Kisan Kodam Ram Swaroop Meena (Eds) Elsevier Inc
- Piyush Rajput, MP Deshpande, Hiteshkumar R Bhoi, Nidhishree M Suchak, Prachi H Desai, SH Chaki, Swati J Pandya, Manish Mishra, Sandip V Bhatt, Dharmendra K Tiwari and Vasant Sathe. Photocatalytic and antibacterial activity of Yttrium doped TiO<sub>2</sub> nanostructure. Chemical Physics Impact
- Prof. Savita Kerkar: Pawaskar, M., Krishnan, K. P., and Kerkar, S. (2022). Salt-pan bacteria as potential plant growth promoters and their antagonistic activity to fungal pathogens of *Capsicum annuum* L. Current Science, 123(9), 1129.
- Prof. Savita Kerkar: Yadav, V. K., Sawant, S. V., Yadav, A., Jalmi, S. K., and Kerkar, S. (2022). Genome-wide analysis of long non-coding RNAs under diel light exhibits

role in floral development and the circadian clock in *Arabidopsis thaliana*. *International Journal of Biological Macromolecules*, 223, 1693-1704.

- Kotkar, G.D., Clement, N.J. Tilve, A.S Shirsat, R.N. Nadkarni, V.S, Ghadi, S.C and S.G Tilve (2022) Synthesis, activity and in silico studies of novel bisindolylmethanes from xylochemical 5-hydroxymethylfurfural as antidiabetic agents, *Journal of Molecular Structure*,1254: 132370.
- JP Joby, S Das, P Pinapati, B Rogez, G Baffou, and DK Tiwari (2022) Optically-assisted thermophoretic reversible assembly of colloidal particles and *E. coli* using graphene oxide microstructures *Scientific Reports* 12 (1):3657.
- S Das, and DK Tiwari (2022) Reactive Oxygen Species Producing Photoactivatable Molecules and Their Biological Applications *Free Radical Biology and Environmental Toxicity*, 21-41.
- S Das, D Ghosh, K Kerkar, M Tiwari, and DK Tiwari (2022) Effects of the Transformation of Metallic Nanoparticles in the Environment and Its Toxicity on Aquatic and Terrestrial Life Forms *Free Radical Biology and Environmental Toxicity*, 43-71.
- P Poduval, and DK Tiwari (2022) Marine Polysaccharide Degrading Bacteria-A Source of Nutraceuticals. *Journal of Water Resources and Ocean Science* 11 (3), 48-53.
- S Das, and D K Tiwari (2021) Biogenic Synthesis of Nanomaterials Toward Environment- Friendly Approach *Microbial Products for Health, Environment and Agriculture*, 121-151.
- K Kerkar, M Tiwari, DK Tiwari and S Kerkar (2021) Industrial Scale Production of Important Therapeutic Proteins Using Bacterial Expression System *Microbial Products for Health, Environment and Agriculture*, 183-202.

#### **Ph.Ds:**

Degrees Awarded: NIL

Submitted: 02

Students on Roll: 16

#### **Conferences, Seminars, Workshops organised by the Discipline:**

- International conference on "Natural Science and Green Technologies for Sustainable Development (NTSD-2022), jointly organised by the School of Biological Sciences and Biotechnology, Goa University and National Environmental Science Academy, New Delhi, on 30th November to 2<sup>nd</sup> December 2022 at Goa University.
- 15<sup>th</sup> Conference on Vectors and Vector Borne Diseases jointly organised by the Goa University, ICMR-National Institute of Malaria Research and the National Academy of Vector Borne Diseases (NAVBD), Bhubaneswar from 15<sup>th</sup> to 17<sup>th</sup> February 2023.
- National Conference on "Animal Sciences: Integrated solution for sustainability" organised by Zoology programme, School of Biological Sciences and Biotechnology on 1<sup>st</sup> to 3<sup>rd</sup> March 2023 at Goa University.
- Workshop on green mussel and seaweed cultivation during the state-level workshop 'Marine Farming and Society engagement in the coastal state- Goa' on 4<sup>th</sup> February 2023, Madkai, Goa.
- Vidnyan Sarvatra Pujyate festival of SCOPE (Science festival organised from 22<sup>nd</sup> -28<sup>th</sup> February 2022 at Goa University).

- A Webinar on "NET/JRF/ GATE preparation" by Dr. Abhishek Mishra was organised on 16<sup>th</sup> July 2023 by the faculty of the Biotechnology discipline, SBSB.
- Programme on "Road safety Awareness" was conducted by the faculty of SBSB Biotechnology discipline, in association with Goa Dental College, Bambolim, on 30<sup>th</sup> January 2023.
- Seminar organised on Gene-edited stem cells for disease modelling. Speaker- Prof. Ramchandran Shaji, on 21<sup>st</sup> November 2022.
- Seminars on Confocal Microscopy Sensitization programme for the School of Earth, Ocean Biological Sciences and Atmosphere Sciences on 7<sup>th</sup> September 2022.
- Science Faculty Interaction of all schools of Goa University with various bodies of the Government of Goa for Industrial and Research collaboration and interaction for research held on 24<sup>th</sup> March 2023.

#### **Outreach activities**

- "Science Connect" event was organised on Science Day, 28<sup>th</sup> February 2023, and was celebrated by Biotechnology Discipline; Science Connect, where various activities/ Scientific exhibitions were organised for the School Students.

### **Discipline of Microbiology**

#### **Faculty (Full-time)**

- **Garg, Sandeep, Ph.D., Professor** – Industrial & Medical Microbiology, Microbial Technology, Marine microbiology, Industrial Fermentation, Marine Technology, Fungal Fermentation, biofertilizers, Agriculture microbiology, Immunology, Ectomycorrhizal fungi, Biopolymers
- **Charya, Lakshangy S., Ph.D., Assistant Professor and Programme Director** – Microbial Biochemistry, Environmental Microbiology, Bioremediation, Ectomycorrhizal fungi
- **Naik, Milind M., Ph.D., Assistant Professor** – Environmental Microbiology, Molecular Biology, Microbial genetics, Marine Microbiology.
- **Noronha, Judith M., Ph.D., Assistant Professor**-Aquatic Virology, Cyanophages and microalgal viruses, Microbial ecology of rice field ecosystems
- **Salgaonkar, Bhakti B., Ph.D., Assistant Professor** – Halophilic Archaea; Extremophilic Microorganisms and their Bioprospecting, Biopolymers, Extremozymes, etc.
- **Asolkar, Trupti, S., Ph.D., Assistant Professor**-Molecular Biology, Biocontrol agents, Plant-Microbe Interactions
- **Gawade, Lata, Ph.D., Assistant Professor** – Microbial carbon pump & Climate change impact, Biogeochemistry, Microbial Ecology, Marine microbiology, Science outreach - science for society

#### **Major Thrust Areas and Achievements:**

##### **(a) Thrust Areas:**

- Microbial diversity of coastal, marine and extreme ecosystems
- Microbial genomics and metagenomics for bioprospecting of industrially important enzymes

- Molecular and biochemical mechanisms of heavy metal resistant microorganisms
- Nano biotechnology and quorum quenching using natural compounds
- Microbial remediation of heavy metals, organometals, organic aliphatic and aeromatic pollutants.
- Bioprospecting and process development for enzymes, bioplastics, exopolysaccharides, bioactive compounds and pigments.
- Microbial inoculants for application in crop cultivation and eco-restoration of forest
- Molecular tools for the detection and characterization of plant, fish, insect, animal and human pathogens
- Interaction between bacteria and phytoplankton , diatom diversity, biofilms
- Agriculture microbiology, ectomycorrhizae, halophilic yeast, archaea, fungi and bacteria
- Microbes in biogeochemical cycling and marine biofarming.

**(b) Achievements/ Honors**

- **Dr. Milind Naik** received the “Senior Scientist Award” from the Microbiologist Society of India in January 2023.
- **Dr. Trupti Asolkar** received the “Young Scientist Award” from the Microbiologist Society of India in January 2023.
- **Dr. Lata Gawade** received special appreciation award at Goa State Biodiversity Conservation awards 2022 in individual category, by Goa State Biodiversity Board Govt. of Goa on 5<sup>th</sup> June 2022 on the occasion of International Day of Biological Diversity 2022.
- **Dr. Lata Gawade** received travel Grants from Estuarine Coastal Science association to participate & present research paper abstract at ECSA-59 during 5-8 September 2022 in Spain.
- **Dr. Lata Gawade** got selected with grants and participated in the Indian Arctic expedition from 23<sup>rd</sup> May to 28<sup>th</sup> June 2023.
- **Dr. Lata Gawade** got selected with grants for the Indian Scientific expedition to Southern Ocean 2023.
- **Dr. Lata Gawade** was felicitated by the LOC of FIFA-U-17 women’s World Cup India-2022 for exemplary work for the betterment of society on 5<sup>th</sup> August 2022 at Jawaharlal Nehru Stadium, New Delhi.
- **Dr. Lata Gawade** received and got felicitated for the WISER-2023 grants cum fellowship by the Indo-German Science & Technology, New Delhi on 29<sup>th</sup> May 2023.



**Projects:**

| Project Investigator  | Status    | Title  | Funding agency  | Grant (In Rupees)     |
|---|-----------|--|---|-----------------------|
| Dr. Lata Gawade   | Ongoing   | Understanding and Implementing IMTA: An efficient technology towards sustainable mariculture, carbon sequestration, and blue economy boost                                 | Sanction Letter No. IGSTC/WISER 2023/LG/38/2023 -24/774   | 39,00,000/-           |
| Dr. Bhakti B. Salgaonkar (PI)   | Completed | The Biodiversity and Ecology of the Fragile Ecosystem of Goa: The Mangroves and the Saltpans.<br>Reference no: 2/DCF/RAC/RES. PROPOSAL/PLAN/17/2022/494; Dated: 20-06-2022 | Goa Forest Department, Government of Goa  | 4,98,000 /- (1 year)  |
| Dr. Bhakti B. Salgaonkar (PI)   | Ongoing   | Development of a fish feed product prototype using prebiotics and vitamins supplement, from non-pathogenic, gut-friendly halophilic archaea.<br>File No.: SRG/2021/001100  | SERB: Science and Engineering Research Board, SRG: Start-up Research Grant, DST: Department of Science & Technology | 28,11,101/- (2 years) |
| Dr. Bhakti B. Salgaonkar (PI)<br>Dr. Sandesh T. Bugde (Co-PI)<br>School of Chemical Science | Ongoing   | Biotechnological potential of Extremozymes from Halophilic archaea, Isolated from Solar Salterns of Goa-India.<br>Reference no: 6-19-2020 /S&T&WM /231 dated: 07/06/2022   | Department of Science and Technology and Waste Management Government of Goa   | 3,00,000 /- (2 years) |
| Dr. Judith Noronha (PI)   | Ongoing   | Assessment of Microbial Contributions to the Health of Wetlands in Goa   | Goa State Wetland Authority   | 3,55,000/-            |

**Activities organized by Microbiology discipline (conferences, workshops, invited lectures, Seminars, etc.):**

- Indo-German bilateral Workshop on “Marine farming –An opportunity towards self-employment entrepreneurship and sustainable development” - 23<sup>rd</sup> - 25<sup>th</sup> August 2022.

- Expert talk on ‘Biological challenges for sustainable ocean agriculture’- 9<sup>th</sup> February 2023.
- Expert talk on ‘Aquaculture perspective of multi-use sites in the open ocean: the untapped potential for marine resources in the anthropocene’ - 28<sup>th</sup> February 2023.
- Marine Farming & Society Engagement in Coastal State, Goa - 4<sup>th</sup> February 2023.
- An offline National Life Sciences Entrepreneurship Awareness Program in collaboration with DI3P and Centre for Cellular and Molecular Platform (C-CAMP), Bangalore - 29<sup>th</sup> July 2022.
- **Dr. Bhakti Salgaonkar (Organizing Committee Member)**, Microbiology Programme, SBSB, Goa University, for the 57<sup>th</sup> Annual Adhiveshan of Marathi Vidnyan Parishad organized by Marathi Vidnyaan Parishad Goa Vibhag in association with Goa University on the theme “Global Climate Change Challenges” - 19<sup>th</sup> and 20<sup>th</sup> November, 2022.
- **Dr. Bhakti Salgaonkar, Dr. Milind Naik & Dr. Judith Noronha (Organizing Committee Members)**, of an International Conference on Natural Science and Green Technologies for Sustainable Development (NTSD-2022) - 30<sup>th</sup> November to 2<sup>nd</sup> December 2022.
- **Dr. Bhakti Salgaonkar, Dr. Milind Naik, and Dr. Sandeep Garg (Organizing Committee Member)**, of three days “15<sup>th</sup> Conference on Vectors and Vector Borne Diseases” jointly organized by the Goa University, ICMR-National Institute of Malaria Research and the National Academy of Vector Borne Diseases (NAVBD), Bhubaneswar - 15<sup>th</sup> to 17<sup>th</sup> February 2023.
- **Dr. Bhakti Salgaonkar and Dr. Milind Naik (Organizing Committee Member)**, of a National Conference on “Animal Sciences: Integrated Solutions for Sustainability” organized by the School of Biological Sciences & Biotechnology, Goa University - 1<sup>st</sup> to 3<sup>rd</sup> March 2023.
- **Dr. Bhakti Salgaonkar (Organizing Committee Member)**, of the Life Skills Training Programme, Organized by the Career Counseling Cell, Directorate of Student Placement and Alumni Relations (DSPAR), Goa University - 13<sup>th</sup> to 16<sup>th</sup> March 2023.

## Research Publications:

### Articles in Journals

- V. Venkataramana, **Lata Gawade**, M.D. Bharathi, V. V. S. S. Sarma. 2023. Role of salinity on zooplankton assemblages in the tropical Indian estuaries during post monsoon. Marine pollution Bulletin, 190, 114816. (IF=5.8; Cite Score of Journal: 10.1)
- V. Venkataramana, V.V.S.S. Sarma, **Lata Gawade**, Alavala Matta Reddy. 2022. Magnitude of river discharge determines the food habit and community composition of zooplankton in the Indian estuaries during monsoon. Estuarine, Coastal and Shelf Science, 262, 107601. (IF=3.229; Cite Score of Journal: 5.3)

- Ramesh, R., D'Souza, M., **Asolkar, T.**, Achari, G. and Maruthadurai, R., 2023. Evaluation of bacterial wilt resistant brinjal lines and field performance of bacterial wilt resistant brinjal varieties in the coastal region. *Indian Phytopathology*, 76, 317-322.

**Book:**

- Pranay Morajkar and **Dr. Milind Naik** has Edited a book on “Advances in nano and biochemistry for environmental and biomedical applications” Publisher: Elsevier, Academic press. ISBN: 978-0-323-95253-8. (2023)

**Book Chapters:**

- Komal Salkar and **Lakshangy Charya (2023)** Application of nanoparticles as quorum quenching agent against bacterial human pathogens: A prospective therapeutic nano-weapon. In: *Advances in Nano and Biochemistry for Environmental and Biomedical Applications*. Elsevier, Academic Press, pp. 261-284.

**Ph.Ds:**

Degrees Awarded: 03

Submitted: 02

Students on roll: 21

| Sr. No. | Name of Student           | Titles of Thesis  | Date of Viva/Degree          | Guide                     |
|---------|---------------------------|---|------------------------------|---------------------------|
| 1       | Ms. Sulochana Ashok Shet  | Biodiversity and Industrial Potential of Pigment Producing Bacteria from Coastal Sand Dunes of Goa.                   | 22 <sup>nd</sup> July 2022   | Prof. Sandeep Garg        |
| 2       | Ms. Larissa Menezes       | Studies on chemolithotrophic microorganisms from the oxygen minimum zones (OMZ) of the North Indian Ocean.            | 24 <sup>th</sup> July 2023   | Dr. Samir Damare          |
| 3       | Mrs. Varsha Laxman Shinde | Studies on diversity of bacteria associated with tarballs in Goa and ability of selected species to degrade tarballs. | 28 <sup>th</sup> August 2023 | Dr. Belle Damodara Shenoy |

**Conference Presentations, Lectures, etc.**

**A| Invited/ contributory Lectures**

- **Prof. Sandeep Garg, DI3P Director (as resource person) and Dr. Bhakti Salgaonkar (Faculty Co-ordinator)**, conducted workshop on “**Entrepreneurship and Innovation as Career Opportunity**” for Goa University faculty on 21<sup>st</sup> December 2022 at Chemistry Auditorium, Science Block E, Goa University.
- **Dr. Bhakti Salgaonkar** was Invited as Resource person and conducted hands on training & delivered a Guest lecture on “**Writing Proposal for Science & Engineering Research Board (SERB) Funding Agency**”, as a part of the One Day Research Grant Writing Workshop organized by the Goa State Higher Education Council (SHEC), Directorate of Higher Education (DHE) Govt. of Goa on 9th September, 2022.
- **Dr. Bhakti Salgaonkar** gave a Guest Lecture on “**Microbiology of Crude Salt Crystals**”, for the students of the Department of Microbiology, as a part of the Lecture

Series on "Life Sciences and Nature" organized by St. Xaviers College, Mapusa as part of the Ruby Jubilee celebrations on 12<sup>th</sup> October, 2022.

- **Dr. Bhakti Salgaonkar** gave a Contributory Lecture on “**Phytohormones from Microorganisms**”, for the students of the Post-Graduate Department of Microbiology, P.E.S.’s R.S.N College of Arts and Science on 20<sup>th</sup> October, 2022.
- **Dr. Bhakti Salgaonkar** was Invited as Resource person and delivered a Guest lecture on “**Contribution of Microbiology in Improving our Society and the Environment**”, on 18th January 2023 at the Seminar Hall of the V.M. Salgaocar College of Law, Miramar, Panjim Goa, as a part of the Vidnyan Dhara”, a mega science series Programme from 12<sup>th</sup> January-28<sup>th</sup> February 2023 organized by the The Directorate of Higher Education (DHE) and Goa State Higher Education Council (GSHEC), Government of Goa
- **Dr. Bhakti Salgaonkar** was Invited as resource person and delivered a Lecture on “**Preparation for Competitive Exams**”, for the Graduation and Post-Graduate students of the Department of Microbiology, P.E.S.’s R.S.N College of Arts and Science on 3rd, February, 2023.
- **Dr. Bhakti Salgaonkar** gave a talk on “Technology Readiness Levels (TRL) of Biological products” as a part of the event entitled “Process of Innovation Development, Technology Readiness Levels (TRL), commercialization of Lab technologies and Tech Transfer” of Institution’s Innovation Council (IIC) of Goa University on 24th February 2023.
- **Prof. Sandeep Garg and Dr. Bhakti Salgaonkar** conducted an outreach activity as a part of the national science day on “Innovation and entrepreneurship outreach programme” at the L.D. Samant Memorial High School, Vidhya Prabhodini School Complex, Vidyanagar, Porvorim Goa as a part of the Institution’s Innovation Council (IIC) of Goa University on 28th February 2023.
- **Dr. Milind M Naik** has delivered an invited talk on “Microbial technology for a sustainable future “ for students of Mandrem college of commerce, economics and management, Mandrem Pernem Goa on 20/1/2023 as a part of Vindyan Dhara 2023 lecture series organized by DHE and GSHEC.
- **Dr. Milind M Naik** has delivered an invited talk on “Waste management and Mushroom cultivation” for students of Dhempe college of Arts and Science Miramar Goa on 6/5/2023.
- **Dr. Lakshangy Charya** has delivered an invited talk on “Macrofungi and their significance in applied Microbiology “ for students of Shree Ganesh Higher Secondary School, Ganeshpuri, Mapusa Goa on 03/02/2023 as a part of Vindyan Dhara 2023 Lecture Series organized by DHE and GSHEC.
- **Dr. Lata Gawade** was invited as an expert panel member for the side Event at the 2022 UN Ocean Conference on **Ocean Negative Carbon Emission and Sustainable Development** on 30<sup>th</sup> June 2022.
- **Dr. Lata Gawade** was invited as an expert to discuss and decide the utilization of the TSP funds by the Honorable Speaker, Goa Legislative Assembly Govt of Goa on 8<sup>th</sup> July 2022.
- **Dr. Lata Gawade** delivered a talk on “**Sampling & Bioremediation of Marine water**” at K.K. wagh Arts, commerce Science & Computer Science College, Nashik on 2<sup>nd</sup> December 2022. (Virtual mode)
- **Dr. Lata Gawade** delivered a talk on “**Microbes for a better plane**” on 27th January 2023 at P.E.S Education College, during the Vindyan Dhara 2023. A mega Science Series.

- **Dr. Lata Gawade** delivered a talk on “**Mussel Cultivation in coastal State of Goa**” on Aqua Goa Mega Fish Festival 2023 organized by the Department of Fisheries, Govt. of Goa.
- **Dr. Lata Gawade** delivered a talk on “**Marine Farming An opportunity towards self-employment & entrepreneurship in Coastal State-Goa**” during the training session on entrepreneurship at Rajiv Kala Mandir, Ponda Goa on 7<sup>th</sup> September 2023, organized by GSIFC, Govt. of Goa.

#### **BI Oral Presentations at Conferences**

- **Dr. Bhakti Salgaonkar**, attended and gave oral presentation at an International Conference on Emerging Trends in Biosciences and Chemical Technology (ETBCT), organized by the School of Biotechnology, Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir, India, during 3<sup>rd</sup> to 5<sup>th</sup> December 2022. She received the **Best Oral Presentation Award** at the conference.
- Prachi Vishwakarma, **Lata Gawade**, P. Karthick. Associated microbial and biomolecule characterization of green algae *Ulva lactuca* from Goa coast. Poster presentation at ASM seminar on “Microbial Diversity & Ecology- Tropics to the Polar Regions” organized by National Centre for Polar & Ocean Research, Goa in association with American Society for Microbiology, CUSAT-NCPOR Centre for Polar Science & Goa University on 9<sup>th</sup> November 2022.
- Kunjlata Naik, **Lata Gawade**. Extraction of Chitin and Chitosan from Crustacean Shell for its Applications. Poster presentation at ASM seminar on “Microbial Diversity & Ecology- Tropics to the Polar Regions” organized by National Centre for Polar & Ocean Research, Goa in association with American Society for Microbiology, CUSAT-NCPOR Centre for Polar Science & Goa University on 9<sup>th</sup> November 2022.
- **Lata Gawade**. Untapped potential of seaweed – a future crop and a sink of blue carbon capture. Oral presentation at an international conference ECSA-59 during 5-8 September 2022 at Kursal, San Sebastian Spain.
- **Lata Gawade**, Venkataramana Vankara, Rajani Kanta Mishra. Microbial Carbon Pump efficiency in the Southern Ocean with respect to global warming scenario - Future prospects. Oral presentation at the 10<sup>th</sup> SCAR open science conference that was held virtually from 1<sup>st</sup> to 10<sup>th</sup> August 2022.

#### **CI Workshops/ Training attended**

- **Dr. Judith Noronha** attended a national seminar on “Microbial Diversity & Ecology – Tropics to the Polar Regions” organized at National Centre for Polar and Ocean Research (NCPOR), Vasco-da-Gama, Goa, on 9<sup>th</sup> November 2022.
- **Dr. Bhakti Salgaonkar, Dr. Trupti Asolkar and Dr. Milind Naik** participated in One Day Workshop on Writing Manuscripts & Publishing in Quality Research Journals organized by Directorate of Internal Quality Assurance (DIQA), Goa University on 27<sup>th</sup> August 2022.
- **Prof. Sandeep Garg and Dr. Bhakti Salgaonkar** participated in the Regional Meet of the Institutions Innovation Council (IIC), MoE’s Innovation Cell, held on 1<sup>st</sup> August 2022, at the Symbiosis International University, Pune.
- **Prof. Sandeep Garg and Dr. Bhakti Salgaonkar** underwent **Innovation Ambassador (IA) Training “Foundation Level”** conducted via online mode by the Ministry of Education (MoE’s) innovation cell & AICTE during the IIC Calendar year 2021-22

- **Dr. Milind Naik** attended the Faculty Induction Program (Online mode) from 19/07/2022 to 23/08/2022 organized by UGC-HRDC, Goa University.
- **Dr. Lakshangy Charya** attended Indo-German bilateral workshop on “Marine farming – An opportunity towards self-employment entrepreneurship and sustainable development” during 23-25 August 2022, ZMT Leibniz Centre, Bremen, Germany.
- **Dr. Lata Gawade** participated & attended a one day workshop on “Application of Real Time PCR in disease diagnosis and research” organized by School of Biological Sciences & Biotechnology (SBSB), Goa University in association with Molbio Diagnostics Pvt. Ltd. on 18 October 2022.
- **Dr. Lata Gawade** attended the Refresher course in Life Sciences (Inter- disciplinary) in online mode at the UGC-HRDC, Goa University from 10<sup>th</sup> January to 23<sup>rd</sup> January 2023.

#### **D| Student Development**

- **Dr. Bhakti Salgaonkar**, Mentor for Mentoring Programme for UGC NET/CSIR NET/SET in Life Sciences organized by Directorate of Higher Education (DHE), Government of Goa.
- **Dr. Bhakti Salgaonkar**, member of the Career Counseling Cell of the Directorate of Student Placement and Alumni Relations (DSPAR), Goa University
- **Prof. Sandeep Garg, Dr. Bhakti Salgaonkar and Dr. Milind Naik** organized and accompanied students during the Field/Exposure Visit to Incubation Unit : FiiRE (Forum for Innovation Incubation Research and Entrepreneurship), at the Don Bosco College of Engineering, Fatorda, Goa"on 27th August 2022.
- **Dr. Judith Noronha** participated in organizing campus placement by Cipla Ltd. (10th May 2023) and Mol Bio Diagnostics (20th May 2023) at Goa University.
- **Dr. Lakshangy Charya, Dr. Judith Noronha, Dr. Milind Naik, Dr. Bhakti Salgaonkar, Dr. Lata Gawade and Prof. Sandeep Garg** facilitated and accompanied M.Sc. Microbiology Part 2 students on field trips to various industries and institutions in the state of Goa.
- **Dr. Milind Naik** trained SBSI students of Goa University for cultivation of oyster mushrooms as a coordinator at Mushroom cultivation and incubation center (MCIC) under the directorate of UBA.
- **Dr. Milind Naik** along with SBSI students organized an Outreach workshop on Mushroom cultivation for children of Matruchhaya Orphanage Ponda Goa.
- **Dr. Lata Gawade** is a mentor for Earth and Space Sciences at Mentoring 365 circles-USA.

#### **E| Judge/Examiner**

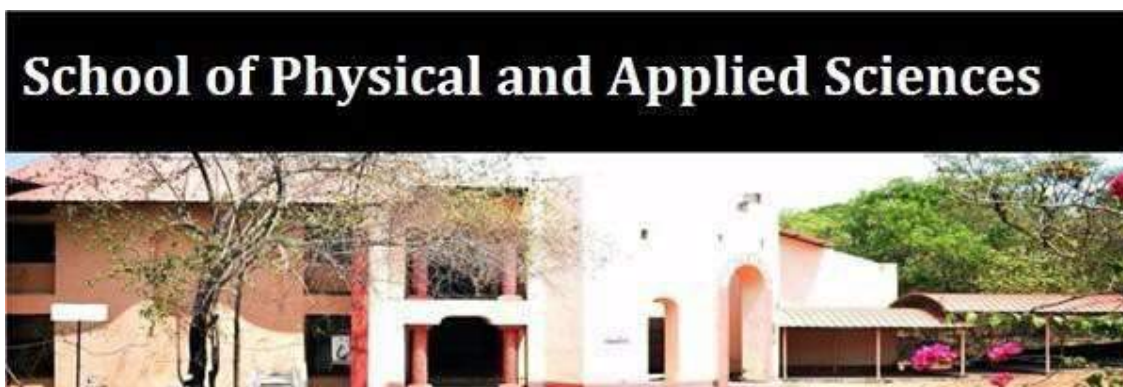
- **Dr. Bhakti Salgaonkar**, Judged the “Elocution Competition” on the topic “**Post-independence: Developments in the Field of Microbiology**”, for students of the Dept. of Microbiology, P.E.S.’s R.S.N College of Arts and Science on 14th August, 2022 as a part of the Azadi ka Amrit Mahotsav.
- **Dr. Bhakti Salgaonkar**, chaired a session on 30th Oct.2022, at the 7<sup>th</sup> **International Conference on "Opportunities and Challenges in Agriculture, Environmental & Bioscience for Global Development"** organized by the Don Bosco College of Agriculture, Sulcorna, Quepem, Goa from 29-31, October 2022, at the Conference Hall, St. Joseph Vaz Spiritual Renewal Centre, Goa

- **Dr. Bhakti Salgaonkar** judged the Debate competition on the theme “**Halophytes**”, of an event “Botanica” organized by the Botany Discipline, School of Biological Sciences & Biotechnology, Goa University on 27th February, 2023.

#### **Member of Various Committees**

- **Dr. Bhakti Salgaonkar**, member of Green Audit Committee of Goa University.
- **Dr. Bhakti Salgaonkar**, member of Criteria III of NAAC Committee of Goa University
- **Dr. Bhakti Salgaonkar**, member of Institution Innovation Council (IIC) Committee of Goa University
- **Dr. Judith Noronha**, member of coordinating committee for Mushroom Cultivation and Incubation Center
- **Dr. Judith Noronha**, member of the Alumni and Placement supporting committee.
- **Dr. Milind Naik**, Coordinator of Mushroom Cultivation and Incubation Center under UBA.
- **Dr. Milind Naik**, member of NAAC committee at School of Biological Sciences and Biotechnology.
- **Dr. Lakshangy Charya**, member of the Institutional Animal ethics Committee.
- **Dr. Lakshangy Charya and Dr. Milind Naik**, member of the committee for coordinating the functions of the Directorate of Foreign students.
- **Dr. Lata Gawade**, member of the IQAC Committee, Goa University
- **Dr. Lata Gawade**, member of the UBA Committee, Goa University
- **Dr. Lata Gawade**, chair-person, SES-REC, Marine farming committee, Goa University
- **Dr. Lata Gawade**, member of the Library Committee, Goa University
- **Dr. Lata Gawade**, member of NAAC Assessment organizing committee-2022, Goa University.
- **Dr. Lata Gawade**, member of the BoS, Microbiology, Goa University
- **Dr. Lata Gawade**, member of the BoS, Skill Enhancement and Vocational Studies- Goa University.

## 2.7 SCHOOL OF PHYSICAL AND APPLIED SCIENCES (SPAS)



### Programmes and Degrees:

|                          |                       |
|--------------------------|-----------------------|
| Programme of Physics     | (M.Sc.,Ph.D.)         |
| Programme of Mathematics | (M.Sc.,Ph.D.)         |
| Programme of Electronics | (B. Voc. M.Sc.,Ph.D.) |

**Dean:** Prof. Kaustubh R.S.Priolkar

**Vice-Dean (Academic):** Prof.Ramesh V.Pai

**Vice-Dean (Research):** Prof.Rajendra S.Gad

### Faculty (Full-time):

- **Ramesh V. Pai**, Ph.D., Professor-Theoretical Condensed Matter Physics.
- **Kaustubh R.S. Priolkar**, Ph.D., Professor- Experimental Solid-State Physics-NEXAFS and EXAFS.
- **Rajendra S. Gad**, Ph.D., Professor– Multivariate Signals & Systems and Computer Networks
- **Mailattu Kunhanandan**, Ph.D., Assistant Professor – Functional Analysis, Combinatorics
- **Manvendra Tamba**, Ph.D., Assistant Professor–Lie Algebra, Number Theory
- **Jivan S. Parab**, Ph. D.,Associate Professor– Embedded System Instrumentation, DSP, RTOS, HDL, Fiber optic sensors
- **Bholanath Pahari**, Ph.D., UGC Assistant Professor – Experimental Condensed Matter Physics, NMR Spectroscopy
- **Sudhir Cherukulappurath**, Ph.D., UGC Assistant Professor - Nonlinear Optics, Plasmonics, Nanophotonics
- **Rajeshkumar S. Hyam**, Ph.D., UGC Assistant Professor-Experimental Condensed Matter, Nanomaterial for Energy applications
- **Venkatesha R. Hathwar**, Ph.D., UGC Assistant Professor - X-ray Diffraction, Chemical Physics and Quantum Crystallography, Crystal Engineering, Structural Materials Science
- **Reshma Raut Dessai**, Ph.D., Assistant Professor - Neutron Scattering, Porous media, Condensed matter Physics, Glass, Ceramic
- **Jessica Fernandese Pereira**, Ph.D., Assistant Professor–Graph Theory.
- **Narayan T. Vetrekar**, Ph.D., Assistant Professor – Pattern Recognition,



- Biometrics, Multi-spectral Imaging, Machine Learning, Image Processing
- **Marlon Sequeira**, Ph.D., Assistant Professor– Embedded systems, Biomedical Instrumentation, FPGA.
  - **Pranav Naik**, Ph.D., Assistant Professor- Nanomaterial synthesis, Magnetism, Electrical properties, Radiation effect.
  - **Elaine T. Dias**, Ph.D.,Assistant **Prabhakar Palni**, Ph.D., Assistant Professor- Experimental Condensed Matter Physics
  - **Bhargav K. Alavani**, Ph.D., Assistant Professor-Theoretical Condensed Matter Physics and Computational Physics
  - **Pallavi P. Gaude**,M.Sc.,Assistant Professor-Theoretical Condensed Matter Physics
  - **Brandon Fernandes**, M. Sc., Assistant Professor- Lie Algebra, Linear Algebra
  - **Aniketh A. Gaonkar**, Ph. D.,Assistant Professor- Biometrics, Machine Learning, Image Processing, Robotics

### **Thrust Areas:**

The School of Physical and Applied Sciences is a result of the amalgamation of three correlated disciplines, physics, mathematics, and electronics. The major thrust area of the Physics discipline has been condensed matter physics and materials science. It is an extremely active, dynamic field of research and is the largest subfield of modern physics. At the fundamental level, condensed matter physics is intellectually stimulating due to the continuing discoveries of many new phenomena and the development of new concepts and tools that are necessary to understand them. It is the field in which advances, in theory, can most directly be confronted with experiments. Faculties/researchers of the Physics discipline conduct investigations (experiments and theory) in many areas of hard/soft condensed matter physics that include:

- High-temperature super conductivity
- Strong correlations
- Amorphous and porous materials
- Quantum magnetism
- Shape memory alloys
- Bose-Einstein condensates
- Nano structures for solar cells, SERS, and photo catalysis application
- Low-dimensional physics
- Energy storage materials
- Synthesis of new quantum materials
- Multifunctional optical spectroscopy of condensed matter systems
- Plasmonic nanomaterials
- Optical trapping
- Photoluminescence materials
- Graphane-based materials
- Ferrites
- Quantum crystallography
- Spintronics
- Nanomaterials for biomedical applications

Another area that is developing as a thrust area is high energy physics and nuclear physics. The goal of this branch of physics is the understanding of the elementary particles that are the fundamental constituents of matter. Under the umbrella of Electron-Ion Collider (EIC) – India collaboration one of our faculties is engaged in Software development and Silicon tracking detector development for the EIC coming up at the Brookhaven National Laboratory, USA. Recently, Biophysics and Computational Physics have been included as new thrust areas of the physics discipline. Biophysics applies the principle of physics to understand the mechanisms of biological systems, whereas, computational physics employs methods of mathematical analysis to explore the consequences of basic theories of physics.

The major thrust areas of the mathematics discipline since its inception have been diverse. Broadly in the area of Functional Analysis and Applications, the major thrust areas have been operator theory, inverse and ill-posed problems and methods of mathematical physics, probability theory, and applications of operator algebras. In the area of differential equations, the major contributions have been to the study of ordinary and delay differential equations and problems related to the study of the stability of solutions to certain classes of Partial Differential Equations. In the area of topology, the major domain of study has been problems in the field of Knot Theory. In the areas related to algebra and discrete Mathematics, the thrust areas have been Kac-Moody Lie Algebras and Number Theoretic Identities, Graph Theory, and Fibonacci type sequences. Currently, the research interests of the mathematics discipline are:

- Structure of standard modules of certain Affine Lie algebras and Roger's-Ramanujan type theorems
- Study of Fibonacci type numbers
- Study of aspects of non-commutative Geometry in  $C^*$ -Algebras
- Studies in Graceful Labeling of Graphs and its Variations.

On the other hand, faculties/researchers in the electronic discipline employ imaging spectroscopy and machine learning approaches for the development of

- Bio-medical and Agro-electronics
- IoT Smart Sensor
- Machine Learning
- Digital Signal Processing
- Image Processing
- Networks

**Projects:**

| <b>Project Investigator</b> | <b>Status</b> | <b>Title</b>   | <b>Funding agency</b>                                     | <b>Grant(Rs. in Lakhs)</b> |
|-----------------------------|---------------|--|---|----------------------------|
| Elaine T. Dias              | New           | Tuning the Magneto-transport Properties in Phase Separated Mn <sub>3</sub> GaC <sub>x</sub> type Intermetallics  | SERB  | 27.35                      |
| Bholanath Pahari            | Ongoing       | Designing polymer-in-ceramic composite electrolyte for high performance sodium-ion batteries   | UGC<br>DAE CSR  | 1.35                       |
| Reshma Raut Dessai          | Ongoing       | Investigation of Application based properties of Aerogels  | UGC<br>DAE CSR  | 1.35                       |
| Sudhir Cherukulapurath      | Ongoing       | Evolution of Structural and Optical Properties of Multifunctional Magnetic-plasmonic-graphene oxide Nanocomposites due to Photothermal Effects   | UGC<br>DAE CSR  | 1.35                       |
| Venkatesh Hathwar           | Ongoing       | Correlation of Structural and Multiferroic Switching in Photoluminescent Organic-inorganic Hybrid A <sub>2</sub> MC1 <sub>4</sub> Perovskites: Effect of Organic and Transition Metal Cations on the Switching Mechanism | UGC<br>DAE CSR  | 12.35                      |
| Rajendra Gad                | New           | Visvesvaraya Ph.D. Scheme in Electronics and IT-Phase II   | MEIT-<br>Ministry of Electronics & Information Technology | 68.60                      |
| Pranav Naik                 | New           | RuO <sub>2</sub> /Li <sub>x</sub> Cu <sub>y</sub> Mn(1-x-y)Fe <sub>2</sub> O <sub>4</sub> nanocomposites for highly efficient hybrid supercapacitors   | SERB  | 29.50                      |

**Visiting Scholars:**

| <b>Name of the scholar</b> | <b>Institution</b>                | <b>Title of Lecture</b>              | <b>Date</b>                 |
|----------------------------|-----------------------------------|--------------------------------------|-----------------------------|
| Mr. Aditaya Marathe        | Neugenix Robotics                 | Overview Of The Advances In Robotics | 5 <sup>th</sup> August 2022 |
| Mr. Deepak Chodankar       | Smartlink Network Systems Limited | 5G Technologies                      | 20th March 2023             |
| Dr. Lavkush                | NCPOR                             | Himalayan Glacier                    | 16 th February 2023         |

|                   |                              |  |                              |
|-------------------|------------------------------|--|------------------------------|
| Kumar Patel       |                              | Observation through Space”   |                              |
| Dr. Aditay Togi   | Texas State University       | Exploring the Dust and Gas in Galaxies Using James Webb Space Telescope                                      | 24 <sup>th</sup> August 2022 |
| Dr. Avadesh Kumar | Institute of Physics, Taiwan | Thermal model study of spin polarization of $\Lambda$ -hyperons created in relativistic heavy-ion collisions | 18 <sup>th</sup> July 2022   |

### Seminars, Conferences, Workshops etc. organized:

| Programme   | Date   | Major sponsors                                   |
|---|--|--|
| National Conference on Electronic Structure NCES-2022                   | November 14-16, 2022                             | TIFR, Mumbai, SNBNCBS, Kolkata, IOP, Bhubaneswar |
| International Conference on Advanced Materials ICAM-2023                | February 20-24, 2023                             | SERB, BRNS, Cryogenic, IR-Tech, Horiba, etc.     |
| Overview Of The Advances In Robotics                                    | 5 <sup>th</sup> August 2022                      | Goa University                                   |
| Prof. D. B. Wagh Endowment Lecture and One Day Mathematics Symposium    | 28 <sup>th</sup> November 2022                   | Goa University and D. B. Wagh Endowment fund     |
| Career Opportunities in the Semiconductor Industry                      | 22 <sup>nd</sup> August 2022                     | Goa University                                   |
| Seminar on International Year of Glass: Recent Trends in Glass Research | 24 <sup>th</sup> September 2022                  | IAPT   |
| 5G Technologies   | 20 <sup>th</sup> March 2023                      | Goa University                                   |
| Mathemeasure 2023   | 17 <sup>th</sup> April 2023                      | Goa University                                   |
| Advanced Astrosat data analysis workshop                                | 9 <sup>th</sup> to 15 <sup>th</sup> January 2023 | IUCAA, Pune and ISRO Bangalore                   |

### Research Publications:

#### Articles in journals (\*Impact Factor/ Cite Score Journals)

- i. Vetrekar, Narayan; Ramachandra, Raghavendra; Gad, RS. (2023) Multi level Fusion of Multi spectral Images to Detect the Artificially Ripened Banana. IEEE Sensors Letters. volume 7 (1).
- ii. Gaonkar, Aniketh; Vetrekar, Narayan; Gad, Rajendra. (2023) Collaborative Representation with hole filling techniques for kinect RGB-D face recognition. International Journal of Biometrics. Volume 15, No.2, pp 170-193
- iii. Improving hemoglobin estimation accuracy through standardizing of light-emitting diode power, Pinto, C.F.; Parab, J.S.; Sequeira, M.; Naik, G.M. (Institute of Advanced Engineering and Science (IAES), 2022)

- iv. The relevance of experimental charge density analysis in unraveling noncovalent interactions in molecular crystals, Thomas, S.P.; Dikundwar, A.G.; Sarkar, S.; Pavan, M.S.; Pal, R.; Hathwar, V.R.; GuruRow, T.N. (MDPI, 2022)
- v. Quantitative investigation of Halogen and Hydrogen bonding in 2-Chloro, 4-X-Benzoic acids Anil Kumar, G.N.; Hathwar, V.R. (Wiley, 2022)
- vi. Structural and magnetic properties evolution of  $\text{Cu}_{2x}\text{Cr}_{2x}\text{Zr}_{2-2x}\text{Se}_4$  for  $0.500 \leq x \leq 0.650$ , Belakroum, K.; Bencheikh, R.; Mimouni, M.; Pahari, B.; Boukraa, A. (Elsevier, 2022)
- vii. Role of antisite disorder in the martensitic transition of  $\text{Ni}_{2-x}\text{Mn}_{1+x}\text{Ga}$ , Malik, S.V.; Dias, E.T.; Srihari, V.; Babu, P.D.; Priolkar, K.R. (Elsevier, 2022)
- viii. Antisite disorder and phase segregation in  $\text{Mn}_2\text{NiSn}$ , Malik, S.V.; Dias, E.T.; Nigam, A.K.; Priolkar, K.R. (IOP Publishing, 2022)
- ix. Optically-assisted thermophoretic reversible assembly of colloidal particles and E. coli using graphene oxide microstructures, Joby, J.P.; Das, S.; Pinapati, P.; Rogez, B.; Baffou, G.; Tiwari, D.K.; Sudhir, C. (Nature Publishing Group, 2022)
- x. Convolutional Neural Networks based classifications of soil images, Lanjewar, M.; Gurav, O.L. (Springer, 2022)
- xi. Detection of tartrazine colored rice flour adulteration in turmeric from multi-spectral images on smartphone using convolutional neural network deployed on PaaS cloud, Lanjewar, M.; Parab, J.S.; Morajkar, P.P. (Springer, 2022)
- xii. Supramolecular synthon identification in azelaic acid - Isonicotinamide cocrystal by solid-state NMR, Reddy, Y.J.; LokeswaraRao, P.; Pahari, B.; Tothadi, S.; Ramanathan, K.V. (Elsevier, 2022)
- xiii. High  $\text{Na}^+$  conducting  $\text{Na}_3\text{Zr}_2\text{Si}_2\text{PO}_{12}/\text{Na}_2\text{Si}_2\text{O}_5$  composites as solid electrolytes for  $\text{Na}^+$  batteries, Santhoshkumar, B.; Choudhary, M.B.; Bera, A.K.; Yusuf, S.M.; Ghosh, M.; Pahari, B. (The American Ceramic Society, 2022)
- xiv. Microbubble generation and large-scale assembly of colloidal particles by graphene oxide microstructures, Pinapati, P.; Puthenveetil, J.J.; Sudhir, C. (IOP Publishing, 2022)
- xv. Cluster mean field plus density matrix renormalization theory for the Bose Hubbard models, Gaude, P.P.; Das, A.; Pai, R.V. (IOP Publishing, 2022)
- xvi. CNN with machine learning approaches using ExtraTreesClassifier and MRMR feature selection techniques to detect liver diseases on cloud, Lanjewar, M.; Parab, J.S.; Shaikh, A.Y.; Sequeira, M. (Springer, 2022)
- xvii. Development of framework by combining CNN with KNN to detect Alzheimer's disease using MRI images, Lanjewar, M.; Parab, J.S.; Shaikh, A.Y. (Springer, 2022)
- xviii. ATHENA detector proposal - a totally hermetic electron nucleus apparatus proposed for IP6 at the Electron-Ion Collider, Adam, J.; Adamczyk, L.; Agrawal, N.; Aidala, C.; Akers, W.; Palni, P.; et al. (IOP Publishing, 2022)
- xix. Cloud-based COVID-19 disease prediction system from X-Ray images using convolutional neural network on smartphone, Lanjewar, M.; Shaikh, A.Y.; Parab, J.S. (Springer, 2022)
- xx. Zinc stannate microcubes with an integrated microheater for low-temperature  $\text{NO}_2$  detection, Joshi, N.; Long, Hu; Naik, P.P.; Arvind Kumar; Mastelaro, V.R.; Oliveira, O.N.; Zettl, A.; Lin, L. (Royal Society of Chemistry, 2022)
- xxi. Packing fraction induced phase separation in A-site doped antiperovskites, Gaonkar, V.N.; Dias, E.T.; Vedpathak, M.N.; Priolkar, K.R. (Elsevier, 2022)

**Book**

Python Programming Recipes for IoT Applications Parab, J.S.; Lanjewar, M.; Sequeira, M.; Naik, G.M.; Shaikh, A.Y. (Springer, 2023)

**Book Chapters**

- FoG and Cloud Computing with Jetson Nano (Chapter 5) Parab, J.S.; Lanjewar, M.; Sequeira, M.; Naik, G.M.; Shaikh, A.Y. (Springer, 2023)
- Micro Python Py Board for IoT (Chapter 4) Parab, J.S. (Springer, 2023)
- Simple Applications with Raspberry Pi (Chapter 3) Parab, J.S. (Springer, 2023)

**Ph.Ds**

Degrees Awarded: 03

Submitted: 02

Students on roll: 42

**Conference Presentations, Lectures, etc.:**

|   |                        |  |
|---|------------------------|--|
| 1 | Dr. Rajesh Kumar Hyam  | Electrochemical synthesis of nanomaterials for energy applications at Shri Vijaysinha Yadav College, Peth Vadgaon, Kolhapur, Maharashtra   |
| 2 | Dr. Rajesh Kumar Hyam  | Innovations in Nanomaterials for Energy applications at VVM's Shree Damodar, College of Commerce and Economics, Margao – Goa.  |
| 3 | Dr. Jivan Parab        | Mobile Communication and its radiation Hazards at Narayan Zaty college, Bicholim under Vidyan Dhara megascience series of DHE  |
| 4 | Dr. Pranav Naik        | Use of nanocomposites in energy storage application at M.E. F's Higher Secondary School (12-1) on 28th January 2023 under Vidyan Dhara megascience series of DHE   |
| 5 | Dr. Pranav Naik        | USE OF METAL OXIDE NANOCOMPOSITES IN ENERGY STORAGE at SERB-sponsored workshop (KARYASHALA) on "Synthesis and characterizations of Au-ZnO nanocomposite thin films" during February 20-26, 2023 at the Department of Physics, Malaviya National Institute of Technology, Jaipur  |
| 6 | Dr. Reshma Raut Dessai | Importance and use of Nanoporous Materials at Two days National seminar organized on "Trends in the techniques of preparation and characterization of Smart materials" organized by Govt. College of Arts, Science and Commerce Quepem on 3 <sup>rd</sup> and 4 <sup>th</sup> of March 2023 held at Ravindra Bhavan Margao Goa |
| 7 | Dr. Reshma Raut Dessai | Observable Universe and potential for space tourism at People's Higher Secondary School, Panaji on 6th February 2023. Under Vidyan Dhara megascience series of DHE   |

|    |  |   |
|----|--|---|
| 8  | Dr. Venkatesha Hathwar                   | X-ray eyes to see atoms at Goa College of Pharmacy on 8th Feb, 2023 under Vidyan Dhara megascience series of DHE  |
| 9  | Dr. Bhargav Alavani                      | Science day celebration at S.E.S's Shiroda Higher Secondary School, Shiroda Goa, on 28-02-2023  |
| 10 | Dr. Bhargav Alavani                      | Workshop on "Basics of Latex" at Department of Mathematics and Department of Information Technology, P.E.S's R.S.N College of Arts and Science Goa on 01-03-2023  |
| 11 | Dr. Bhargav Alavani                      | Documentation using Latex at Department of Physics, Carmel College of Arts, Science and Commerce Goa on 03-03-2023  |
| 12 | Dr. Bhargav Alavani                      | Mathematical definitions of infinity and how to measure it at Khandola Higher Secondary School under Vidyan Dhara megascience series of DHE on 28th January 2023  |
| 13 | Dr. Reshma Raut Dessai                   | Probing Nanoporous Materials by Neutron Scattering at DAE-BRNS Theme Meeting on "Strategic Planning for Enhanced Research Reactor Utilization" (RRU-2022), Bhabha Atomic Research Centre, Mumbai from May 6-7, 2022 |
| 14 | Dr. Bholanath Pahari                     | Nuclear Magnetic Resonance Spectroscopy: Basic Principals, Concept and Applications at Refresher Course in Material Science, University of Calicut, 22-Jun-2022.  |
| 15 | Dr. Sudhir Cherukulappurath              | Introduction to Nanophotonics and Optical Tweezers, at Refresher Course in Material Science, University of Calicut, 22-Jun-2022.  |
| 16 | Dr. Venkatesha Hathwar                   | The recent developments in X-ray scattering methods for Materials Characterization at Refresher Course in Material Science, University of Calicut, 22-Jun-2022.   |
| 17 | Prof. Ramesh Pai and Dr. Bhargav Alavani | LaTeX Project Software at Faculty Development Programme, Goa Business School, 14-15, June, 2022   |
| 18 | Dr. Narayan T. Vetrekar                  | Biometrics at Under Vidyan Dhara megascience series of DHE  |
| 19 | Dr. Mridini Gawas                        | "Mathematical definitions of infinity and how to measure it" On 28th January 2023 at Khandola Higher Secondary School, under Vidyan Dhara megascience series of DHE   |
| 20 | K. R. Priolkar                           | Understanding Glassy States in Martensites Invited Talk at E-QMAT Conference at IIT Roorkee October 12-14, 2022   |
| 21 | K. R. Priolkar                           | Understanding Glassy States in Martensites Special Lecture at Academy Refresher Course in Experimental Physics 16 Dec. 2022.  |
| 22 | K. R. Priolkar                           | Strain Glass IAPT Seminar on International Year of Glass: Recent Trends in Glass Research   |

**Consultancies:**

| <b>Sr. No.</b> | <b>Title</b>   | <b>Duration</b> | <b>Date of commencement</b> | <b>Status</b> | <b>Cost in Lakhs</b> | <b>Funding agency</b>          |
|----------------|--|-----------------|-----------------------------|---------------|----------------------|--------------------------------|
| 1.             | Feasibility study of sensing upper body Muscle Activation at Wrist | 16 months       | June 2021                   | Completed     | 1.35                 | Fitness Konnect, Mormugao, Goa |



## 2.8 SCHOOL OF CHEMICAL SCIENCES (SCS)



### Programmes offered:

|                      |         |
|----------------------|---------|
| Analytical Chemistry | (M.Sc.) |
| Biochemistry         | (M.Sc.) |
| Inorganic Chemistry  | (M.Sc.) |
| Organic Chemistry    | (M.Sc.) |
| Physical Chemistry   | (M.Sc.) |
| Chemistry            | (Ph.D.) |
| Biochemistry         | (Ph.D.) |

**Dean:** Prof. Vidhyadatta M. S. Verenkar

**Vice-Dean (Academic):** Prof. Rajendra N. Shirsat / Prof. Sunder N. Dhuri

**Vice-Dean (Research):** Prof. Sunder N. Dhuri / Dr. Bidhan A. Shinkre

**Program Director (Chemistry):** Dr. Bidhan A. Shinkre / Dr. Rupesh Patre

**Program Director (Biochemistry):** Dr. Prachi S. Torney

### Faculty (Full-time):

- **Vishnu S. Nadkarni**, Ph.D., Senior Professor-Organic Chemistry, Polymer Chemistry. (On Lien from Nov 2021)
- **Vidhyadatta M. S. Verenkar**, Ph.D., Professor - Materials Chemistry.
- **Rajendra N. Shirsat**, Ph.D., Professor - Computational and Theoretical Chemistry.
- **Sunder N. Dhuri**, Ph.D., Professor - Biomimetic catalysis, Crystallography, Metal-Organic compounds, Metal-sulfur chemistry.
- **Digamber G. Porob**, Ph.D., Associate Professor - Synthesis, crystal structure determination and structure property correlation of functional materials using powder X-ray, neutron diffraction, single crystal X-ray diffraction along with other supporting techniques. Some of the specific fields of interest are: Luminescent materials for LED lighting applications. Ionic conductors for batteries and fuel cells, Materials

Sustainability and Size Controlled Materials.

- **Rupesh E. Patre**, Ph.D., Associate Professor - Analytical Chemistry, Sensors, Synthetic Organic Chemistry, Natural Products, Greener approaches (Flow chemistry, Biocatalyst application), Process development.
- **Bidhan A. Shinkre**, Ph.D., Associate Professor - Synthetic Organic Chemistry, Asymmetric synthesis, Medicinal Chemistry: Anti-cancer and Anti-bacterial agents-Structure Activity Relationship studies (SAR), Heterocycles, Green and sustainable processes.
- **Siddhali V. Girkar**, MSc NET Assistant Professor - Synthetic Organic Chemistry, Medicinal Chemistry (On Study Leave)
- **Pranay P. Morajkar**, Ph.D., Assistant Professor- Nanostructured materials, Reaction kinetics, Energy & Environmental Applications
- **Sandesh T. Bugde**, Ph.D., Assistant Professor -Synthetic Organic Chemistry, Photoredox Catalysis, Asymmetric Organocatalysis
- **Rohan K. Kunkalekar**, Ph.D., Assistant Professor -Catalysis, Solid State Chemistry, Nano-Material synthesis
- **Savita A. Kundaikar**, Ph.D., Assistant Professor -Polyoxometalate Chemistry: Design, Synthesis and characterization of polyoxometalate based hybrid organic- inorganic materials and their applications in catalysis and solving environmental concerns
- **Hari K. Kadam**, Ph.D., Assistant Professor - Analytical Chemistry, Chemosensing, Biosensing, Method Development, (HPLC, GC), Synthetic Organic Chemistry, (Heterocyclic Chemistry, Organic Methodologies, Cross coupling reactions) Green Chemistry, Medicinal Chemistry, Continuous Flow Chemistry
- **Prajesh S. Volvoikar**, Ph.D., Assistant Professor - Synthetic Organic Chemistry, (Heterocyclic Chemistry, Organic Methodologies, Cross coupling reactions, Cross dehydrogenative coupling) Medicinal Chemistry, Process development and optimization, Analytical Chemistry, Method Development, (HPLC, GC).
- **Vishnu R. Chari**, MSc NET Assistant Professor - Computational chemistry, electronic structure calculations of organo-selenium compounds which acts as glutathione peroxidase mimics, Nanomaterials and nanochemistry.
- **Anjani P. Nagvenkar**, Ph.D., Assistant Professor - Materials electrochemistry: Synthesis, characterization and applications of semiconductor nanocrystals; halide perovskite materials for photovoltaics; colloidal nanocrystals for rechargeable electrochemical energy storage; thermal conductivity of nanofluids.
- **Delicia A. Barretto**, Ph.D., Assistant Professor -Probiotics, Endophytic research, Bioprospecting, Biochemistry
- **Diptesh G. Naik**, Ph.D., Assistant Professor - Physical Chemistry, Polymer Chemistry: Synthesis and characterization of polymeric materials for their applications in nuclear track detection, neutron dosimetry.
- **Kanchanmala B. Deshpande**, Ph.D., Assistant Professor - Biosensor/ bioassay for environmental/ food analysis, Water analysis, Flow injection-based techniques, Heavy metal analysis, Chemical sensor, Remediations of contaminated water/ soil.
- **Prachi S. Torney**, Ph.D., Assistant Professor - Synthesis and characterisation of bioactive natural products and their analogues, photocatalytic and enzyme catalytic reactions, development of synthetic methodologies, isolation of bioactive molecules, analytical method development.
- **Vivekanand V. Gobre**, Ph.D., Assistant Professor - Theoretical Physics/ Chemistry, Intermolecular Interactions, Materials science, Scanning probe microscopy, Parallel

computing, Quantum Biology

- **Amrita P. Kharangate**, Ph.D., Assistant Professor - Microbiology, Environmental bioremediation, Nanobioremediation, Sustainable management of food waste
- **Kedar U. Narvekar**, Ph.D., Assistant Professor - Structural chemistry: Synthesis, Crystallization, Characterization, Properties of Inorganic, organic and Metal-Organic compounds
- **Vinod K. Mandrekar**, Ph.D., Assistant Professor - Polymer Chemistry, Catalysis, Synthetic Organic Chemistry and Chemistry of Natural Products
- **Kiran T. Dhavskar**, Ph.D., Assistant Professor - Anion receptor chemistry, Analytical Chemistry, Imaging studies and method development, structural chemistry, Sensing, separation, and remediation of toxic analytes, Generation and development of green methodologies, techniques and materials
- **Shrikant R. Naik**, Ph.D., Assistant Professor - Inorganic chemistry, Nanomaterials, Magnetic and electrical properties of Spinel ferrites and Garnet ferrites. Luminescent properties of garnets. Application of nano-sized oxides for their catalytic and antimicrobial applications
- **Rupesh A. Kunkalkar**, Ph.D., Assistant Professor - Synthetic Organic Chemistry: Synthesis of Natural products and Bioactive Molecules, Development of new synthetic methodologies.
- **Santosh G. Tilve**, Ph.D., (UGC-BSR) Senior Professor - Synthetic Organic Chemistry.
- **Sheshanath V. Bhosale**, Ph.D., (UGC-FRP) Professor - Organic supramolecular chemistry, sensors, artificial photosynthesis and organic solar cells

#### **Major Thrust Areas and Achievements:**

Thrust Areas:

- Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry
- Anion Receptors and Ion-Pair Receptors
- Bio-inorganic, Coordination, Organometallic Chemistry
- Bioprospecting
- Bioremediation and Biosensing
- Catalysis, Asymmetric Organocatalysis
- Computational and Theoretical Chemistry
- Environmental Chemistry, Catalysis & Chemical Sensors
- Hydrogen Bonded Supramolecular Capsules and Metal Organic Cages
- Intermolecular Interactions
- Laser, Optics and Gas Kinetics
- Materials Science, Metal Carboxylates
- Nano-Material synthesis, Nanoscience
- Optical Spectroscopy
- Organic Supramolecular Chemistry, Artificial Photosynthesis and Organic Solar Cells
- Polymer Chemistry
- Porous Organic Materials for Toxic Ion Separation/Adsorption and Catalysis
- Single crystal X-ray diffraction
- Solid State Chemistry: Synthesis and Application of Mesoporous Materials
- Synthesis and Characterization of Organic-Inorganic Hybrid Porous Materials
- Synthetic Inorganic Chemistry, Synthetic Organic Chemistry

**Projects/Consultancy:**

| <b>Investigator</b>       | <b>Period</b>           | <b>Title of project</b>  | <b>Funding agency</b> | <b>Grants (Rs. in Lakhs)</b> |
|---------------------------|-------------------------|--|-----------------------|------------------------------|
| Dr. Hari K. Kadam         | Nov 2021–<br>Nov 2023   | Synthesis of novel aminocoumarin based fused heterocyclic compounds for prospective anticancer studies   | UGC                   | 10.00                        |
| Dr. Savita A. Kundaikar   | Nov 2021-<br>Nov 2023   | Functional Polyoxometalate based materials: Design, Synthesis, Characterization, and catalytic properties  | UGC                   | 10.00                        |
| Dr. Hari K. Kadam         | Jul 2022 -<br>Jun 2025  | Synthesis of novel fused heterocycles with cytosine, adenine, guanine, coumarin, pyridone, imidazoline based skeletons & their anticancer study                      | DST, Govt. of Goa     | 2.5<br>(1st Instalment)      |
| Dr. Pranay P. Morajkar    | Oct 2022 -<br>Sep 2025  | Development of transition metal oxide based nanostructured materials as high-performance electrochemical supercapacitor for sustainable energy storage technology    | DST, Govt. of Goa     | 7.5                          |
| Dr. Anjani P. Nagvenkar   | Sep 2022 -<br>Sep 2024  | Tuning the Thermal and Electrical Conductivity of BaZrS <sub>3</sub> Chalcogenide Perovskite as Electrode Material for High Power Generation in Thermogalvanic Cells | SERB-DST              | 32.17                        |
| Dr. Prajesh S. Volvoikar  | Sep 2022 -<br>Sep 2024  | Iodine/hypervalent iodine mediated intramolecular dehydrogenative cyclisation for synthesis of natural product and pharmaceutically important motifs                 | SERB-DST              | 32.99                        |
| Dr. Sandesh Bugde (Co-PI) | June 2022-June 2024     | Biotechnological Potential of Extremozymes from Halophilic Archaea Isolated from Solar Salters of Goa India  | DST, Govt. of Goa     | 1.86 Lacs (1st Instalment)   |
| Prof. S. N. Dhuri         | May 2018 -<br>July 2022 | Design of New Transitional Metal Catalyst for Biomimetic Organic Oxidations  | CSIR                  | 11.79                        |

**Seminars, Conferences, Workshops etc. organized:**

- Institutional visit by Dept. of Chemistry, Rani Channamma University, Vidyasangam, Belgavi, Karnataka (9 Jun 2022)
- Workshop on Yoga for Workplace (17 Jun 2022)
- Invited Talk by Dr. Amaresh Mishra, Sambalpur University, Odisha (19 Jul 2022)
- Inauguration ceremony of Indoor Badminton court in SCS premises (21 Jul 2022)
- X-Ray Crystallography workshop (21-23 Jul 2022)
- Institutional visit by students and teachers of Government College of Arts, Science and Commerce, Khandola, Marcela-Goa (29 Jul 2022)
- Institutional visit by researchers from the Institute of Chemistry and Materials, Vietnam (30 Jul 2022)
- CS Inter-section Football League on Goa University ground (8 Jul - 3 Aug 2022)
- Expert Session on HPLC Columns by Mr. Sunil Balwant Lakhmapure, Agilent Technologies (15 Sep 2022)
- Institutional visit by Students and Faculty Members from St. Xavier's College, Mapusa, Goa (23 Sep 2022)
- Placement opportunities for the MSc Chemistry students at Indoco Remedies Ltd., Verna-Goa (1 Oct 2022)
- Institutional visit by Students and Faculty Members from Microbiology Programme, School of Biological Sciences and Biotechnology (12 Oct 2022)
- Institutional visit by Students and Faculty Members from DM's College, Mapusa, Goa (14 Oct 2022)
- Institutional visit by Students and Faculty Members from MES Mampad College, Malappuram, Kerala (11 Nov 2022)
- One-day National Seminar on 'Recent trends in applied organic synthesis (26 Nov 2022)
- Institutional visit by Students and Faculty Members from Sangameshwar College, Solapur, Maharashtra (30 Nov 2022)
- Institutional visit by Students and Faculty Members from RTM Nagpur University, Maharashtra (16 Jan 2023)
- 10th Annual Get-together cum Homecoming of M.Sc. Chemistry Students of 1997-99 batch (26 Jan 2023)
- Invited talk on 'Selective hydrogenation of terminal alkynes and approaches towards reversible hydrogen storage' by Prof. Jagirdar, IISc Bangalore (24 Jan 2023)
- Hands on training program on Nuclear Magnetic Resonance (NMR), Single crystal X-Ray Diffraction (XRD), Atomic Emission Spectroscopy (AES), High Performance Liquid Chromatography (HPLC) & Photoluminescence Instruments (2-9 Jan 2023)
- Kite Festival (27 Jan 2023)
- Blood donation camp (1 Feb 2023)
- Institutional visit by Students and Teachers from Shree Ram Vidya Mandir School, Colvale, Goa (10 Feb 2023)
- Talk on 'Career opportunities at BARC, Mumbai' (13 Feb 2023)
- Vidnyan Dhara - 2023 (17 Feb 2023)
- Institutional visit by Students and Faculty Members from Bharati Vidyapeeth's Dr Patangrao Kadam Mahavidyalaya, Sangli (21 Feb 2023)
- Science Day - 2023 (28 Feb 2023)
- Cleanliness drive at Khandepar (10 Mar 2023)
- Institutional visit by Students and Faculty Members from Dept. of Chemistry (PG), Smt. Kasturbai Walchand College, Sangli, Maharashtra (13 Mar 2023)

- Campus Placement Conducted by Godrej Agrovet Ltd., Mumbai (16-17 Mar 2023)
- Institutional visit by Students and Faculty Members from Dept. of Industrial Chemistry, Shivali University, Kolhapur (17 Mar 2023)
- Career guidance entitled "Exploring the Promising Opportunities for Professional Growth as an MSc Graduate" (31 Mar 2023)
- Preparing for the Big Day: Best Practices for Interview through Mock Interviews (1 Apr 2023)
- Campus Placement conducted by Deccan Fine Chemicals (Goa) Pvt Ltd (6 Apr 2023)
- Institutional visit by Students and Faculty Members from Lal Bahadur Shastri College of Arts, Science and Commerce, Satara, Maharashtra (6 Apr 2023)
- Talk on 'Effective Powerpoint Presentation' by Dr. Sandesh Bugde (18 Apr 2023)
- Inter-School Quiz Competition on Millets (27 Apr 2023)
- Talk on 'Ancient Indian Science and its Relevance to Modern Indian Science' by Prof. Paritosh Mohanty, IIT, Roorkee (29 Apr 2023)
- Campus Placement by Cipla Ltd at SCS, Goa University (10 May 2023)

### **Research Publications:**

#### **Articles in journals (\* Impact Factor/ Cite Score Journals):**

- D'Souza, L.R. Harmalkar, S.S. Harmalkar, N.N. Butcher, R.J. Pal, A.S. Asogekar, P.A. Dhuri, S.N. 2022. Syntheses, spectroscopic, structural characterization of Co(III) and Co(II) carboxylates and electron transfer reactions with ferrocene derivatives. *Journal of Molecular Structure*. 1257; 2022; ArticleID\_132572.
- Jyai, R.N. Naether, C. Bensch, W. Srinivasan, B.R. 2022. Structural characterization of sodium and potassium 3-nitrohydrogenphthalate coordination polymers. *Zeitschrift für Naturforschung B*. 77(6); 2022; 433-440.
- Parsekar, N.U. Hathwar, V.R. Narvekar, K.U. Srinivasan, B.R. 2022. Synthesis, crystal structures and properties of six new mixed ligand cobalt(II) 4-nitrobenzoates. *Journal of Coordination Chemistry*. 75(44814); 2022; 1396-1415.
- Gobre, V.V. Gejji, S.P. Pathak, R.K. 2022. Cyclopropenylidene: Clustering and interaction with water molecules. *Journal of Physical Chemistry A*. 126(34); 2022; 5721-5728.
- Gonsalves, L.R. Gawas, S.G. Meena, S.S. Verenkar, V.M.S. 2022. Size variation and magnetic dilution effects on the structure and magnetic properties of cobalt zinc ferrite. *Journal of Materials Science: Materials in Electronics*. 33(25); 2022; 20144-20161.
- Mhaldar, S.N. Kotkar, G.D. Tilve, S.G. 2022. Synthetic access to syn-functionalised chiral hydroxy pyrrolidines and pyrrolidones: Evaluation of Alpha-glucosidase inhibition activity, docking studies and pharmacokinetics prediction. *Bioorganic Chemistry*. 129; 2022; ArticleID\_106115.
- Talimarada, D. Sharma, A. Wakhradkar, M.G. Dhuri, S.N. Gunturu, K.C. Sundaram, V.N. Holla, H. 2022. Synthesis, DFT analysis and in-vitro anti-cancer study of novel fused bicyclic pyranone isoxazoline derivatives of Goniiodiol-diacetate-a natural product derivative. *Fitoterapia*. 163; 2022; ArticleID\_105316.
- More, V.G. Nadimetla, D.N. Zalmi, G.A. Gawade, V.K. Jadhav, R.W. Mane, Y.D. Bhosale, S.V. 2022. A new 'Off-On' system based on core-substituted naphthalene diimide with dimethylamine for reversible acid-base sensing. *Chemistry Open*. 11(6); 2022; ArticleID\_e202200060.

- Jadhav, R.W. Wagalgave, S.M.; Kumbhar, B.V. Khadake, R.M. Rode, A.B. Bhosale, Sidhanath V. Bhosale, S.V. 2022. Aminoglycoside antibiotic kanamycin functionalized tetraphenylethylene molecular probe for highly selective detection of bovine serum albumin protein. *Scientific Reports*. 12; 2022; ArticleID\_11526.
- Jadhav, R.W. Khobrekar, P.P. Bugde, S.T Bhosale, S.V. 2022. Nanoarchitectonics of neomycin-derived fluorescent carbon dots for selective detection of Fe sup(3+) ions. *Analytical Methods*. 14(34); 2022; 3289-3298.
- Kharangate-Lad, A. Bhosle, S. 2022. Characterization of bioemulsifying EPS from Halobacillus trueperi MXM-16, a halophilic adhered bacterial isolate from the mangrove ecosystem. *Journal of Basic Microbiology*. NYP; 2022; NYP.
- Harmalkar, S.S. Chari, V.R. Kunkalekar, R.K. Dhuri, S.N. 2022. Structure-function correlation of mononuclear nonheme copper(II) compounds based on ligand backbone effect and phenoxazinone synthase activity. *New Journal of Chemistry*. 47(4); 2022; 1852-1860.
- Costa, S.O. Verenkar, V.M.S. 2022. Influence of zinc doping on structural, electrical, magnetic and electrochemical properties of nickel ferrite system synthesized from succinato-hydrazinate precursors. *Journal of Materials Science: Materials in Electronics*. 33(34); 2022; 25717-25742.
- Deshpande, K.B. Thekkedath, A. 2022. Selective determination of mercury (II) in coastal water using bio-functionalized gold nanoparticles. *Journal of Water and Environmental Nanotechnology*. 7(4); 2022; 370-379.
- D'Souza, L.R. Harmalkar, N.N. Dhuri, S.N. 2022. Structural, spectroscopic characterization and application of a Co(II) coordination polymer [Co(suc)(bpm)].2H sub(2)O. *ChemistrySelect*. 7(46); 2022; ArticleID\_e202203016.
- Bhusanur, D.I. Nadimetla, D.N. Harmalkar, S.S. Bhosale, R.S. Puyad, A.L. Wagalgave, S.M. Bhosale, Sidhanath V. Bhosale, S.V. 2022. Synthesis, crystal structure and supramolecular self-assembly of tetraphenylethylene subunit appended isoindigo derivatives. *Journal of Molecular Structure*. 1255; 2022; ArticleID\_132452.
- Malegaonkar, J.N. Kobaisi, M.A. More, K.S. Bhosale, Sidhanath V. Bhosale, S.V. 2022. Molecular phosphonic acid-tethered tetraphenylethene AIEgen based highly selective fluorescent turn-on sensor for neomycin. *Dyes and Pigments*. 198;
- Ghosh, A. Pandey, A. Sengupta, A. Kathirvelu, V. Harmalkar, S. Dhuri, S. Singh, S. Ghanty, T . 2023. CCDC 2205776: Experimental Crystal Structure Determination.
- Joshi, N.; Loganathan, S. 2023. In situ modification of CuO-Fe sub(2) O sub(3) by nonthermal plasma: Insights into the CO sub(2)-to-CH sub(3) OH Hydrogenation Reaction *ACS Omega*. 8(14); 13410-13420.
- Jagdale, S.D. Rao, C.R.K. Bhosale, S V. Bhosale, S.V. 2023. Efficient symmetric supercapacitors employing molecular engineered pyrazine functionalized perylene diimide electrode materials . *Chemical Engineering Journal Advances*. 14; 100499
- Mesira, G.; Salgaonkar, L.N.; Anvekar, T.S.; Kadam, H.K.; 2023. NiWO<sub>4</sub> catalyzed expeditious synthesis of pyranopyrazoles. *Indian Journal of Chemistry*. 62(3); 196-201.
- D'Souza, L.R. Harmalkar, N.N. Dhuri, S.N. 2023. CCDC 2179421: Experimental Crystal Structure Determination. Cambridge Crystallographic Data Centre (CCDC).
- Viegas, J.L.; Dhuri, S.N. 2023. CCDC 2244555: Experimental Crystal Structure Determination. Cambridge Crystallographic Data Centre (CCDC)
- Malegaonkar, J.N. Kobaisi, M.A. Singh, P.K. Bhosale, Sidhanath V. Bhosale, S.V. 2023. Sensitive turn-off detection of nitroaromatics using fluorescent tetraphenylethylene phosphonate derivative . *Journal of Photochemistry & Photobiology A: Chemistry*. 438.

**Book Chapters:**

- Coupling of photocatalytic and bioremediation processes for enhanced mitigation of xenobiotic pollutants from wastewater Sarvesha S. Shetgaonkar, Amarja P. Naik, Milind M. Naik, and Pranay P. Morajkar Pg 3
- Advanced methodologies for remediation of combustion-generated particulate matter (soot) from the environment Samantha Da Costa, Akshay V. Salkar, and Pranay P. Morajkar Pg 199
- Biocompatible green-synthesized nanomaterials for therapeutic applications Maithili Majithia and Delicia A. Barretto Pg 285
- Advanced functionalized nanomaterials based electrochemical biosensors for disease diagnosis Dr. Anjani P. Nagvenkar Pg 437
- Recent advances in supramolecular organic nanostructures for drug delivery applications Kerba S. More, Harshad A. Mirgane, Vilas K. Gawade, Dinesh N. Nadimetla, Pooja V. Shreechippa, and Sheshanath V. Bhosale Pg 487

**Books: 01**

- Morajkar, P.P.; Naik, M.M., Advances in Nano and Biochemistry: Environmental and Biomedical Applications, Academic Press. 2023; ISBN: 978-0-323-95253-8

**Ph. Ds**

Degrees Awarded: 04

Thesis Submitted: 03

Students on roll: 46

**List of Ph. D awarded:**

| Candidate                  | Guide                   | Title  | Viva date  |
|----------------------------|-------------------------|--|------------|
| Mr. Abhijit D. Shetgaonkar | Prof. V. S. Nadkarni    | Synthesis, Properties and Applications of some Polycarbonate and Polyurethane Polymers                                       | 03/06/2022 |
| Ms. Amarja P. Naik         | Dr. Pranay P. Morajkar  | Nanoporous $TiO_2$ , $Ni_{1-x}O$ and their Nanocomposites for Environmental and Energy Applications                          | 18/11/2022 |
| Mr. Shashank N. Mhaldar    | Prof. S. G. Tilve       | Asymmetric synthesis of alkaloids containing pyrrolidine and piperidine motifs   | 25/11/2022 |
| Mr. Ketan Sharad Mandrekar | Prof. Santosh. G. Tilve | Synthesis of Pyrrolo-Coumarins, Indolizidines, C-N Bond Cleavage of Mannich Bases, and Alkylation of Tetrahydroisoquinolines | 30/11/2022 |



## 2.9 GOA BUSINESS SCHOOL (GBS)



### Programmes and Degrees:

- Commerce (M.Com. and Ph. D.)
- Computer Science & Technology (M.C.A. and Ph. D.)
- Economics (M.A. and Ph. D.)
- Financial Services (M.B.A. (FS))
- Hospitality, Travel & Tourism (B.B.A. and M.B.A.)
- Management Studies (M.B.A., M.B.A. (Executive) and Ph. D.)
- Inter-Disciplinary programme M.Sc. (Integrated)

**Dean:** Prof. Jyoti D Pawar

**Vice-Dean (Academic):** Prof. Nilesh Borde

**Vice-Dean (Research):** Prof. Pranab Mukhopadhyay

### Discipline of Commerce

#### Faculty:

- **Aakruthi A. Alarnkar**, M.Com, Assistant Professor and Programme Director - Behavioural Finance, Capital Markets
- **Guntur Anjana Raju**, Ph.D., Professor – Accounting & Finance and Capital market studies
- **K. B. Subhash**, Ph.D., Professor – Finance, Entrepreneurship, Quantitative Techniques, Strategic Management, Materials Management and Tourism
- **Padyala Sri Ram**, Ph.D., Assistant Professor, – Accounting and Finance.
- **Vishal K. Gaonkar**, M.com, Assistant Professor- Finance and Agriculture.
- **Yeruva Venkata Ramana Reddy**, Ph.D., Senior Professor – Finance and Accounting.

## **Major Thrust Areas and Achievements:**

### **Thrust Areas:**

Capital Market Studies, Finance and Accounting, Financial Services, Taxation, Risk Management, Security Analysis, Mutual Funds, Venture Capital Financing, Tourism Management, Consumer Behaviour, Entrepreneurship and Behavioural Finance.

### **Lectures and Conferences:**

#### **Conferences:**

- Yeruva Venkata Ramana Reddy, “Stock Market Prediction using LSTM and ANN” International Finance and Accounting Conference Organised by Indian Institute of Management, Jammu held on 8-9th Sept 2023.
- Castanha, J; Indrawati; Pillai K. B. Subhash; Ramantoko G and Widarmati T (2022). A Systematic Literature Review on Natural Language Processing (NLP). International Conference on Advanced Creative Networks and Intelligent Systems (ICACNIS) 2022, Bandung. 1-6. [IEEE] [Research Collaboration with TELKOM University, Indonesia]
- K. B. Subhash (2023). “Responsible Vs Irresponsible Tourism: Case of Basilica Bom Jesus”, presented at the 1st International Religious Tourism and Pilgrimage Asia Pacific (IRTP-AP) Conference, Organized by Hue University, Vietnam, 12-15 January 2023. [Offline]
- K. B. Subhash (2023). “Indian Perspective on Religion and Religious Tourism: Globalisation with a Heart”, presented at the 13th Annual International Religious Tourism and Pilgrimage (IRTP), Organized by Dublin Technological University, Lithuania, 29 June – 2 July 2022. [Online]
- Indrawati, Dharmawan R. H, Pillai, Dr. K. B. Subhash (2023). Analyzing Factors Influencing Continuance Intention of a Digital Wallet: A Study of Digicash by Using Modified UTAUT 2 Model. International Conference on Advancement in Data Science, E-learning and Information Systems (ICADEIS) 2023, Bandung, 1-6. <https://ieeexplore.ieee.org/document/10270902> [IEEE]

#### **Invited Lectures:**

- K. B. Subhash. Telkom University, Bandung, Indonesia – 4 Sessions (8 hours) in 2022 [26 March / 14 May / 22 October / 3 December] [Online]
- K. B. Subhash. Universidade Federal de Juiz da Fora, Sao Paulo, Brazil – One Session (2 hours) on Indian Perspective on Religion and Religious Tourism: Globalisation with a Heart, part of Global July Program (GJP) 2022, 16 July 2022. [Online]
- K. B. Subhash. Telkom University, Bandung, Indonesia – 2 Sessions (4 hours) in 2023 [25 March / 29 April] [Online].
- Dr. K. B. Subhash. Telkom University, Bandung, Indonesia – 5 Sessions (10 hours) in 2023 [24, 25 and 26 September] [Offline].
- Aakruthi Alarnkar: Resource person for 2 day Research Methodology Workshop for M.com students at S.S Dempo College of Commerce and Economics on “Data Analysis using Jamovi and E-views softwares” on 24th January 2023.
- Aakruthi Alarnkar: Resource person for talk on “Application of Statistics” for B.com students at S.S Dempo College of Commerce and Economics on 18th April 2023.

### Research publications:

- Narayan Parab, Ramashanti Naik and Y.V.Reddy. Renewable Energy, Economic Growth and Sustainable Development: A Model Development in the light of Empirical Insights, Natural Resources Forum: A United Nations Sustainable Journal, DOI: 10.1111/1477 8947.12337, September 2023 (Scopus Cite Score 4.6, WoS IF 3.3, Wiley)
- Noella Nazereth and Y.V.Reddy. (2023), Financial Applications of Machine Learning: A Literature Review, Expert Systems with Applications, 219, 1 33, <https://doi.org/10.1016/j.eswa.2023.119640>, January 2023 (Scopus Cite Score 12.6, WoS IF 8.5, Elsevier)
- Castanha, J; Gurav, P; Pillai, K. B. Subhash; Indrawati (2023). A Study on Behavior Intention Towards Adoption of Navigation Apps by Travellers: The UTAUT2 Perspective. International Journal of Hospitality and Tourism Systems. 16/1. 34-42. [Scopus Q4] [Research Collaboration with TELKOM University, Indonesia]
- Kumar, P; Agarwl, V, Pillai, K. B. Subhash; Yadav, P; Coelho, R; Indrawati; and Banerjee, S.P (2023). Does Culture Influence Consumer's Perception Towards Usage of Digital Banking Platforms (DBP)? A Comparative Study. Academy of Marketing Studies Journal. 27/5. [National] [Research Collaboration with TELKOM].

### PhDs:

Degrees Awarded: 05

Submitted:-Nil

Students on Roll: 28

## Discipline of Computer Science and Technology

### Faculty

#### Regular

- **Hanumant Harichandra Redkar**, M.C.A. & EMBA, Assistant Professor - Natural Language Processing, Language Learning, Data Science, Software Engineering, Web Development, Data Modeling and Visualisation, Speech Processing, Modern Development Frameworks, Data Structures and Algorithms, Machine Translation
- **Jarret Stevan Anthony Fernandes**, M.C.A. Assistant Professor - Human-Computer Interaction (HCI), Software Engineering, Software Architecture, User Experience (UI/UX), Design and Engineering, Programming Paradigms, Mobile Technology, Assistive Technology, Cloud Computing, Data Driven Web App Development
- **Jyoti D. Pawar**, Ph.D., Professor – Data Mining, Data Structures, Natural Language Processing (NLP).
- **P. Payaswini**, Ph.D., Assistant Professor – Data Communication and Networking, Data Structures, Internet Technology, LINUX Lab,
- **Preeti R. Khorjuvenkar**, M. Tech. Assistant Professor - Data Structures, Programming & Problem Solving, Evolutionary and Swarm Optimization Algorithms, DevOps.
- **Ramdas N. Naik Karmali**, M.C.A., Assistant Professor – Data Communications and Computer Networking, Cryptography and Network Security, Natural Language Processing, Web Technology, Data Science.
- **Ramrao S. Wagh**, M.C.A., Associate Professor – Software Architecture, Object Oriented Technology, Agile and Lean Methods, Educational Technology,

Geographical Information Systems, aspect Oriented Programming, Refactoring, Design Patterns

- **S. Baskar**, M.Sc., Associate Professor – Compiler Construction, Machine Learning, Deep Learning, Data Science, Data Analytics, Artificial Intelligence, IoT, Financial Machine Learning.
- **Swapnil Suresh Fadte**, M.E. CSE, Assistant Professor - Speech Processing, Natural Language Processing, Computer Organisation, Python Programming, Data Structures.
- **Teja Kundaikar**, M.E. CSE, Assistant Professor - Optical Character Recognition, Natural Language Processing, Database Management Systems, Software Engineering, Data Modeling and Visualisation, Linear Algebra
- **Yma F. Pinto**, M.C.A., Associate Professor and – Database Management Systems, Operating Systems, Computer Science Education and Education Technology

#### **Contract**

- **Gaurpriya Chodankar**, M.E. CS, Assistant Professor - Operating Systems, Computer Architecture, Linear Algebra, Linear Programming and Optimization, Big Data Frameworks, Algorithms and Data Structures, Probability and Statistics
- **Tina Vaz**, M.E. IT., Assistant Professor - Image Processing, Object Oriented Programming, Software Engineering, Machine Learning, Data Structures, Computer Vision, Algorithms and Data Structure, Probability and Statistics

#### **Visiting**

- **Anay Kamat**- B.E. Computer Science - Mobile Practice, Agile Activities, Android Architect.
- **Alvyn Fedrick Abranches** M.Sc. Data Science - Deep Learning, Reinforcement Learning, Optimized Speed of Neural Network.
- **Durgadas Kamath** - B.E. IT - Solution Design, Docker
- **Mrunal Parsekar**, MSc. Mathematics, Asst. Professor and Head of Department, Carmel College of Arts, Science and Commerce for Women, Nuvem, Goa - Abstract Algebra
- **Venkatesh Prabhu** - M.C.A. - Technology for Education, Sanskrit Pronunciation Timings

#### **Major Thrust Areas and Achievements:**

##### **Thrust Areas**

Natural Language Processing, Database Management Systems, Education Technology & E-learning, Artificial Intelligence, Machine Learning & Data Science, Computer Graphics, Speech Processing, Optical Character Recognition, Machine Translation.

##### **Awards and Recognition:**

- Swapnil S. Fadte, received the **Best Paper Award** for a research paper on ‘Empirical Analysis of Oral and Nasal Vowels of Konkani’ by Swapnil S. Fadte, Edna Vaz Fernandes, Atul Kr Ojha, Ramdas Karmali and Jyoti Pawar, at the 10th Language and Technology Conference (LTC 2023): Human Language Technologies as a Challenge for Computer Science and Linguistics held during April 21-23, 2023, Poznań, Poland.
- Swapnil S. Fadte, was awarded a travel grant from Goa State Research Foundation for presenting a research paper at the 10th Language and Technology Conference (LTC

2023): Human Language Technologies as a Challenge for Computer Science and Linguistics held during April 21-23, 2023, Poznań, Poland.

### **Projects:**

- Jyoti D. Pawar, R. S. Gad, Ramdas Karmali: 'VIDYAAPATI: Bidirectional Machine Translation Involving Bengali, Konkani, Maithili, Marathi, and Hindi' under the Project titled 'National Language Translation Mission (NLTM): BHASHINI'. Funding agency: MeitY, New Delhi

### **Talks Organized:**

- A Talk by MCA Alumni Mr. Sunil on Ansible Configuration Management on 19th July 2022
- A talk on 'Technology for Ayurveda: Scientific Idea through Innovation' by Dr. Aniruddha Joshi' held on 07th December 2022. The highlight of this talk was to create awareness of how the vast and largely unexplored knowledge contained in Ayurveda can drive progress through innovation.
- A talk on 'Virtual Labs and Educational Games' by Dr. Sasikumar M, Executive Director at C-DAC, Mumbai - held on 21st October 2022
- A session on 'How to write Thesis and Research Papers' by Dr. Sasikumar M, Executive Director at C-DAC, Mumbai - held on 22nd October 2022
- AlumniTalks Series - A talk on 'Platform Engineering Essentials' by Ms. Valencia Serrao, Senior Platform Engineer at PPS, UK held on 18th January 2023
- AlumniTalks Series - A talk on 'Utilization of GIT and REST API development using Spring Boot' by Alumni Mr. Anadi Kumar (2005-08 batch), Sr. Technical Architect, PwC, Bangalore held on 17th April 2023.
- InfoTalks - a talk on 'Know TB for No TB' by Dr. Gaurish Ganjekar, Medical Officer, Directorate of Health Services, Panjim, held on 18th April 2023
- InfoTalks - a talk on 'From Campus to Corporate' by Abhijit Bhide and Nayan Jadeja from Satkam Foundation, Bangalore, held on 18th April 2023
- A talk on 'Introduction to Data Science and Research' by M. Tech. Alumni, Dr. Tanmay Verlekar, Assistant Professor, Dept. of Computer Science and Engineering, BITS, Goa.

### **Invited Lectures:**

- Hanumant H. Redkar, Invited as a resource person to deliver a talk on "Software Tools in Devanagari" at the Discipline of Konkani, Shenoji Goembab School of Language and Literature on 22nd December 2022
- Teja Kundaikar, Resource person under 'Vidnyan Dhara 2023 - Mega Science Series' organized by Goa State Higher Education Council and Directorate of Higher Education, Govt. of Goa., delivered a talk on 'Optical Character Recognition' at Govt. College Dr. T B Cunha Govt Higher Sec School Campal Panaji, Goa on 2nd February 2023
- Swapnil Fadte, Resource person under 'Vidnyan Dhara 2023 - Mega Science Series' organized by Goa State Higher Education Council and Directorate of Higher Education, Govt. of Goa., delivered a talk on 'Acoustic Study of Konkani Vowels' at Govt. College of Arts, Science and Commerce, Quepem, Goa on 4th February 2023

- Hanumant H Redkar, Resource person under ‘Vidnyan Dhara 2023 - Mega Science Series’ organized by Goa State Higher Education Council and Directorate of Higher Education, Govt. of Goa., delivered a talk on ‘Natural Language Processing (NLP) Applications in Computer Science’ at Swami Vivekananda Prasarak Mandal’s College of Commerce, Bori, Shiroda, Goa on 4th February 2023

### **Events, Workshops and Conferences Organised**

- MCA Placement Drive for providing internships/placements to final year MCA students was conducted during September 2022 till December 2022 and achieved 100% placements (74 out of 74 got an internship/placement in IT company)
- A Stakeholders Outreach Workshop for Vidhyaapati Project held on 12th December 2022.
- Study cum Industrial Tour of final year MCA students to Bangalore held during 13th to 18th December 2022. Visited Adobe Systems, IIT Bangalore, IISc Bangalore, CIIL Mysore.
- Two-day Space Science Workshop organized on 23rd and 24th February 2023
- A National Workshop on High-Performance Computing (HPC) and Domain Specific Tools held on 16 to 18 March 2023
- A Workshop on Python Programming for Higher Secondary Students was held on 18th March 2023. Teja Kundaikar was the resource person for this workshop.
- DCST Alumni Meet held on 16th April 2023.
- National Level Conference - Software Engineering Research in India (SERI) update meeting organized on 2nd and 3rd June 2023.

### **Events, Workshops and Conferences, FDP, RC Participated**

- Inauguration of ACM Student Chapter during orientation of MSc (Integrated) Data Science programme.
- Swapnil Fadte, Ramrao Wagh, Payaswini P., and Hanumant Redkar, participated in the Workshop on High Performance Computing and Its Applications at IIT-Goa, 25 July 2022.
- Students of MCA participated in the ACM-Women Hackathon held at PCCE, Goa on 13th and 14th October 2022
- Swapnil Fadte, Hanumant Redkar participated as mentors and Jarret Fernandes, Ramrao Wagh participated as Judges in the ACM-Women Hackathon held at PCCE, Goa on 13th and 14th October 2022
- Hanumant Redkar, Swapnil Fadte, Teja Kundaikar, and Ramdas Karmali, participated in “Workshop on Journal Selection’ GBS Goa University - 24th September 2022
- Swapnil Fadte and Ramrao Wagh participated in HiPC conference, Bangalore 18-20 December 2022.
- Ramrao Wagh and Swapnil Fadte participated in EduHipc Training Workshop at Bangalore, on Saturday 17 December 2022.
- Hanumant H. Redkar, participated in the 6th Joint International Conference on Data Science and Management of Data [10th IKDD CODDS and 20th COMAD (CODS-COMAD 2023)] held during 3rd to 7th January 2023.

- Swapnil S Fadte, participated in FDP on Experiential Learning, creative Thinking, and Hands-on Pedagogy organized by DHE and Goa State Higher Education Council, Govt of Goa during 16th to 20th January 2023.
- Hanumant H Redkar, participated in FDP on Recent trends in Machine Learning, Computer Vision, and Data Science at PCCE, Verna, Goa during 21st to 28th January 2023.
- Payaswini P., participated in RC on "Information and Communication Technology" organized by UGC-Human Resource Development Centre, University of Hyderabad, Telangana during 6th to 18th March 2023
- Ramrao S. Wagh, participated in FDP on Qualitative and Mixed Methods Research (QMMR2023) at NIT Calicut (online) during 21st to 26th March 2023
- A half-day field-trip at Cyber Wellness Center in Panaji, on 30th & 31st March is organised for MCA students
- Swapnil S. Fadte attended and presented paper at the 10th Language and Technology Conference (LTC 2023): Human Language Technologies as a Challenge for Computer Science and Linguistics held during 21st to 23rd April 2023, Poznań, Poland
- Payaswini P., Teja Kundaikar and Hanumant H. Redkar, participated in FDP on Effective Pedagogical Strategies for Computer Science Education, at SCERT, DHE, Goa during 24th to 28th April 2023
- Swapnil Fadte presented a paper on Konkani Numeral Transcription System at 'World Konkani Samaroh' - Vishva Konkani Kendra, Maguluru, 8-9 February 2023.

#### **Research publications:**

- Payaswini, P. "Internet of Things: A Broader View of Architecture, Key Technologies, and Research Opportunities." 5G Internet of Things and Changing Standards for Computing and Electronic Systems. IGI Global, 2022. 1-29.
- Bhagat, Pradnya, and Jyoti D. Pawar. "A Product Review Writing Recommender System based on LDA and TF-IDF." *Computación y Sistemas* 26.3 (2022): 1107-1117.
- Fadte, S., Vaz, E., Ojha, A.K., Karmali, R., Pawar, J.D.: "Empirical analysis of oral and nasal vowels of Konkani", 10th Language & Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics-2023, pp.62-67, April 21-23, 2023, Poznań, Poland. <https://doi.org/10.48550/arXiv.2305.10122> (This paper received the best student paper award at the conference.)
- Swapnil Fadte, Edna Vaz Fernandes, Ramdas Karmali, and Jyoti D. Pawar. Acoustic Analysis of Vowels in Konkani. *ACM Trans. Asian Low-Resour. Lang. Inf. Process.* 21, 5, Article 88 (September 2022), 13 pages. <https://doi.org/10.1145/3474358>
- P. Bhagat, P. D. Korkankar, Jyoti Pawar, Aspect-Based Sentiment Words and Their Polarities Using Chi-Square Test, *Computación y Sistemas* 27 (2)
- Sanjana Manerkar, Kavita Asnani, Preeti Ravindranath Khorjuvenkar, Shilpa Desai, and Jyoti D. Pawar. 2022. Konkani WordNet: Corpus-Based Enhancement using Crowdsourcing. *ACM Trans. Asian Low-Resour. Lang. Inf. Process.* 21, 4, Article 80 (July 2022), 18 pages. <https://doi.org/10.1145/3503156>
- Akram Al-Rumaim, Jyoti D. Pawar, API security challenges-Security professionals overview, Regional Energy Resources Information Center (RERIC) - 2023

- Bindal, Manika, and Venkatesh Kamat. "Detail preserving non-rigid shape correspondences." at 31st International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision 2023
- Razia de Loyola Furtado e Sardinha, Saliency-Driven 'Evidence CNN' for Fine-Grained Recognition of Twins Check for updates at Journal of Advanced Computational and Communication Pradigms: Proceedings of the ICACCP - 2023

#### **Best Practices:**

- . Continuous Evaluation System with Transparency in Evaluation
- . Curriculum updated regularly with Industry and alumni inputs
- . Emphasis on Skills development and employability
- . Mandatory 5 months Industry Internship evaluated by Industry Personnel
- . Audit courses encouraged
- . Involving students in R & D activities
- . Representation of students in various state and national level events.
- . Student-Teacher open interactions and personal attention
- . Focus on Student Placements
- . Study cum Industrial Tour

#### **Ph Ds:**

Degrees Awarded: NIL

Submitted: NIL

Students on Roll: 14

### **Discipline of Economics**

#### **Faculty:**

- **Avina Kavthankar**, M.A., Assistant Professor - Public Finance, Indian Economics
- **Heena S. Gaude**, M.A., Assistant Professor - Macroeconomics, Spatial Economics.
- **Pranab Mukhopadhyay**, Ph.D., Professor - Environment, Macroeconomics, Growth.
- **Sarath Chandran**, Ph.D., Professor - International Economics, Regional Economic Integration.

#### **Contractual:**

- **Aishwarya Desai - Econometrics**, Macroeconomics and Microeconomics.
- **Prajot Gaonkar** - Environmental, Indian Economy and Macroeconomics.
- **Sumita Datta** - Mathematical Economics, Statistics, Econometrics, Macroeconomics and Microeconomics.

#### **Major Thrust Areas and Achievements:**

##### **Thrust Areas**

- Development Economics
- Environment and Development
- Geo-spatial Techniques in Economics
- International Trade and Regional Trade Agreements
- Econometrics



**Lectures, Seminars and Conferences:**

- Organized a seminar titled “Indian Economy @ 75: Retrospect and Prospect” from 5<sup>th</sup>-6<sup>th</sup> August, 2022.
- Organised a National Seminar titled “Perspective on India’s Economic Development” on 27<sup>th</sup> August 2022.
- Organised a National Seminar titled “Economic Resilience and Public Policy” from 10th-11th Oct, 2022.
- Celebrated Constitutional day on 26<sup>th</sup> November 2022.
- Organised a Guest Lecture on ‘Career Guidance on Competitive Exam (UPSC and GPSC) at Goa Business School on 13.12.2022.
- Organised a Lecture on ‘Gender sensitization’ at Goa Business School on 12/01/2023.
- Organised one day workshop on Census Data, titled ‘Retrieval and Use of Census Data for researches at Goa University on 2nd February, 2023
- Organised Purple campaign on 6<sup>th</sup> Feb 2023 at GBS
- Organised a discussion on Union Budget on 8<sup>th</sup> Feb, 2023 at GBS
- Organised talk on ‘Using Logical Framework Matrix for Organizing Research: Possibilities and Limitations on 9th February, 2023 Resource Person: Dr. Nandan Nawn.
- Organised Two days workshop as training for NET/Set exam for M.A. economics students and also for former students of the MA Economics Programme on 9th and 10th March, 2023.
- Organised field visit for M.A. Part-II students to Multi Fruit Processing Centre, Bicholim and Dr. Malik’s Farm, Pernem, Goa on 20th March, 2023.
- Organised GV Kamat Helekar memorial Lecture titled ‘The Macroeconomics of digital Money and its implications for Central Banks’ on 21<sup>st</sup> March 2023

**Projects:**

| S.No. | Project title   | Funding agency | Amount (Rs. in lakhs) | Duration            |
|-------|---|----------------|-----------------------|---------------------|
| 1     | Trade of between NDC and SDG targets for India: A Macro Analysis of carbon sequestration and economic development between 1992-2018 | SANDEE-ICIMOD  | 13.5                  | Dec 2021 - Dec 2023 |

**Research publications:**

- Mukhopadhyay, P.; Tapaswi, M.P. Have 'mainstream' economics journals 'missed the bus' on wetland, marine and coastal ecosystems?
- Tamuly, R.; Mukhopadhyay, P. Natural disasters and well-being in India: A household-level panel data analysis
- Kavi Kumar, K.S.; Bhatta, R.C.; Mukhopadhyay, P.; Anneboina, L.R.; Naren, P.; Nath, M.; Sharan, A.; Ghosh, S.; da Costa V.; Pednekar, S. Valuation of marine and coastal ecosystem services in India
- Andrade, Fernanda de Xavier; Mukhopadhyay, P. Can fiscal transfers help India meet its SDG goals?
- Mukhopadhyay, P.; Desouza, S.; Lolayekar, A.P. What does the demographic profile of convicts tell us about social equity in India?

**PhDs:**

Degrees Awarded: Nil

Submitted: - 03

Students on Roll: 28

**Discipline of Financial Services****Faculty:**

- **Harip Khanapuri**, Ph.D., Associate Professor – Accounting, Corporate Finance, Capital Markets
- **Jick Castanha**, Assistant Professor – Tourism, Marketing, Finance
- **Narayan Parab**, Ph.D., Assistant Professor – Accounting and Finance (Capital Markets, Foreign Exchange Market, Mergers and Acquisitions, Renewable Energy)
- **Pinky Pawaskar**, Ph.D., Assistant Professor – Consumer Behavior and Behavioral Finance
- **Pournima Dhume**, Ph.D., Assistant Professor – Financial Services, Capital Market Studies, FinTech, Marketing.
- **Prachi Premanand Kolamker**, Ph.D., Assistant Professor – Corporate Governance, Accounting, Finance.
- **Narayan Parab**, Ph.D., Assistant Professor – Capital Markets, Security Analysis, Econometrics for Finance
- **Sanjeeta Parab**, Ph.D., Assistant Professor – Derivatives, Commodity Market, Information and Market Efficiency

**Major Thrust Areas and Achievements:**

Financial Services, Financial Modeling, Corporate Finance, Financial Market

**Lectures, Seminars and Conferences:**

- Financial Services Discipline of Goa Business School organised a Two Day National Level Workshop on “Structural Equation Modelling (SEM) using Smart PLS” on 21st and 22nd December 2022, coordinated by Dr. Prachi Kolamker and Mr. Jick Castanha [Resource Person: Dr. Ajay Kumar Chauhan].

**Research publications:**

- Jick Castanha, Gurav, P., Pillai, S.K.B., Indrawati (2023). “A Study on Behaviour Intention towards Adoption of Navigation Apps by Travellers: The UTAUT2 Perspective” International Journal of Hospitality and Tourism Systems, 16(1), 34-42 (SCOPUS).
- Jick Castanha, Shirodkar, G., Pillai, S.K.B., Indrawati (2022). “An Empirical Study on Continuance Intention to Use Mobile Payment Applications in Goa, India.” International Journal of Banking, Risk and Insurance, 10(2), 27-40.
- Jick Castanha, Indrawati, Pillai, S.K.B., Ramantoko, G., & Widarmanti, T. "A Systematic Literature Review on Natural Language Processing (NLP)," 2022 International Conference on Advanced Creative Networks and Intelligent Systems (ICACNIS), Bandung, Indonesia, 2022, pp. 1-6. (IEEE).
- Ingalhalli, V., & Kolamker, P. (2023). Modelling Volatility Effects Between Stock, Oil, Gold and Forex Markets: Evidence From India.

- Marathe, S., Parab, S., Kolamker, P., & Gaonkar, V. “From Inflows to Outcomes: Illuminating the FDI-Macro Relationship in BRICS Economies, Review of Economics and Finance, 2023 (Accepted for Publication)

### **Paper Presentations:**

- Pinky Pawaskar presented a joint research paper with Sanyat Kanekar titled ‘Stock Market Reaction To The Upside And Downside Volatility Of Leading Cryptocurrencies’ at the International Conference on Behavioural Finance (ICBF), by Indian Institute of Information Technology Allahabad, Prayagraj on 18th and 19th June 2022.
- Harip Khanapuri presented a joint paper with Mr. Wajid Sherzai on “An Examination of Technical, Pure Technical and Scale Efficiencies of Indian Public Sector Banks Using Data Envelopment Analysis” at International Conference on Contemporary Issues in Finance, Accounting and Management organized by Rosary College of Commerce and Arts, Navelim, Goa on Jun 28, 2022.
- Narayan Parab presented a joint paper with Mr. Matiullah Amarkhil on the topic “An empirical study of the linkages between E7 and the US stock markets” at International Conference on Contemporary Issues in Finance, Accounting and Management organized by Rosary College of Commerce and Arts, Navelim, Goa on Jun 28, 2022.
- Dhume, P. presented a joint paper with Lizel Gomes on “Impact of Trading Volumes on Energy Consumption – an empirical study of Cryptocurrencies” at International Conference on Behavioural Finance, 18-19 June 2022, Indian Institute of Information Technology Allahabad, Prayagraj, India.
- Dhume, P. presented a joint paper with Disha Toraskar on “Investment Behaviour in Cryptocurrency Market: A Review of the Literature” at International Conference on Behavioural Finance , 18-19 June 2022, Indian Institute of Information Technology Allahabad, Prayagraj, India.
- Dhume, P. presented a joint paper with Racheal Goes on “A Review of Customer Adoption of Digital Payment Methods: Learning from Content and Statistical Analysis of the Literature”, at International Conference on Behavioural Finance , 18-19 June 2022, Indian Institute of Information Technology Allahabad, Prayagraj, India.
- Kolamker, P., Parab, S., Marathe, S., & Phadtare, P., presented a joint paper titled “Analyzing the Dynamics of Financial Inclusion, Digitalization, Economic Growth, and Environmental Sustainability in India: An Empirical Study at International Finance and Accounting Conference (IFAC-2023) hosted by IIM Jammu, 8th - 9th September 2023.
- Jick Castanha presented paper titled, “What lies beneath: Untapped potential of smart tourism technology and consumer behaviour towards technology adoption” at 2nd International conference on technology, innovation and sustainability in business management (ICTIS 2023) organized by Middlesex University, Dubai on 3-4 May 2023.

### **Invited Lectures**

- Harip Khanapuri delivered a lecture on “Making Institutions Equipped for Internationally Relevant Open Teaching and Learning” at SL3 Seminar under RISHI Project (supported by European Commission) on ‘Internationally Open Teaching and Learning’ May 6, 2023.

- Harip Khanapuri delivered a lecture on “Budget 2023 - Tax Implications” at Union Budget 2023-24 discussion jointly organized by Goa Business School and Goa Economics Association on February 8, 2023.
- Harip Khanapuri delivered a session on “Primary and Secondary Data Analysis” at a workshop organized by Shree Damodar College of Commerce and Economics, Margao on 4th November 2022.
- Dhume P., conducted a session on “CHAT-GPT- The Super Bot” at School Council Meeting, Goa Business School on February 17, 2023.
- Dhume P., invited as a resource person for a technical session at National Conference on Emerging Global Practices in Finance & Management held on March 11, 2023 at Shree Damodar College of Commerce and Economics, Margao Goa.
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Data Analysis using E-Views Software” at one day state level workshop conducted by the Post Graduate Department of Commerce, Narayan Zantye College of Commerce on 24th June 2022.
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Data Analysis” organized by Sridora Caculo College of Commerce and Management Studies, Mapusa, Goa on 15<sup>th</sup> October 2022
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Time Series Data Analysis using EViews” organized by MES College of Arts & Commerce, Zuarinagar, Goa on 24<sup>th</sup> January 2023
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Data analysis using E-Views” organized by S S Dempo College of Commerce & Economics, Cujira, Goa on 28<sup>th</sup> January 2023
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Overview of Derivatives Market in India” organized by Government College of Arts, Science & Commerce, Khandola, Goa on 7<sup>th</sup> February 2023
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Panel Data Analysis” organized by Government College of Arts, Science & Commerce, Khandola, Goa on 8<sup>th</sup> February 2023
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Derivatives Market” organized by Rosary College of Commerce and Arts, Navelim, Goa on 14<sup>th</sup> March 2023
- Narayan Parab was invited as Resource Person to conduct a session on the topic “Recent Trends in Finance Research” at One Day International Conference on Advances in Management, Finance and Economics organized by Rosary College of Commerce and Arts, Navelim, Goa on 28<sup>th</sup> March 2023
- Pinky Pawaskar was invited as Resource Person to deliver a session on ‘Consumer behavior in the international market’ for undergraduate students at S. S. Dempo College of Commerce & Economics on 31st October 2022.

#### **Extension Activities:**

- Narayan Parab delivered a session on Career Guidance for Standard X and XII students of Shri Bhumika School and Higher Secondary School, Parye, Goa on 17th June 2022.
- Narayan Parab delivered a session on the topic “Investment Management and Financial Planning” for Standard XII Commerce students of Shri Shantadurga Higher Secondary School, Bicholim, Goa on 17<sup>th</sup> February 2023

**Industrial Tour:**

- MBA-Financial Services discipline of Goa Business School organized an Industrial Visit to Mumbai from 15th March 2023 to 18th March 2023. 19 students and 4 faculty members participated in the Industry Visit. The companies visited were Clearing Corporation of India Ltd. (CCIL), Mumbai, Multi Commodity Exchange of India Limited (MCX), Mumbai, and National Stock Exchange of India Ltd. (NSE), Mumbai.

Faculty Coordinators: Dr. Harip Khanapuri, Dr. Narayan Parab, and Mr. Jick Castanha

**Value Added Course:**

- MBA-Financial Services discipline of Goa Business School conducted Value Added Course on “Spreadsheet Skills” of 30 Hours during in February, March, and April 2023. Students enrolled for the course: 43.

Faculty Co-ordinators: Dr. Harip Khanapuri, Dr. Narayan Parab, and Mr. Jick Castanha

**Other Activities:**

- Harip Khanapuri was panelist at Panel Discussion on Career Opportunities for Commerce Graduates organized by Shree Damodar College, Margao on June 18, 2022.
- Harip Khanapuri participated as moderator for technical session on “Emerging Global Practices in Finance” at One Day National Conference-Emerging Global Practices in Finance and Management organized by Shree Damodar College of Commerce, Margao on 11th March 2023.
- Harip Khanapuri delivered a lecture on “Analytics of Research Methodology” at STC organized by HRDC, Goa University, on 22nd November 2022.
- Harip Khanapuri, jointly with Dr. Pranay Morajkar and Dr. Nitin Sawant presented a case paper on “Goa University’s Community Outreach and Social Responsibility Initiatives Through Unnat Bharat Abhiyan” at National Workshop on “Social Responsibility and Community Engagement in Higher Education Institutions: Policies and Practices organized by NIEPA on 4-5 August 2022.
- Harip Khanapuri and Pournima Dhume organized “Workshop on Trademarks” under IPR and Patent Scheme of D-RDRM in collaboration with Goa Business School on July 25, 2022.
- Dhume, P. and Narayan Parab organized a session on IPR and Patent Scheme for Goa Business School on September 20, 2022.
- Harip Khanapuri and Dhume, P. organized an Alumni Connect Session for MBA-FS students on December 2, 2022.
- Harip Khanapuri and Dhume, P organized an Alumni Connect Session for MBA-FS students on December 12, 2022.
- Dhume, P coordinated in conducting the Intellectual Property Awareness Program under National Intellectual Property Awareness Mission on January 27, 2023 at Goa University.
- Dhume, P coordinated session on “Foods for Healthy Blood” under the capacity building and skill enhancement series - Learn More and Beyond on February 17, 2023.

- Dhume, P coordinated a workshop on “Entrepreneurship skill, Attitude and Behaviour Development” under Institution’s Innovation Council, GU (IIC-GU) in collaboration with Goa Business School, GU on February 27, 2023 at Goa University.
- Pinky Pawaskar coordinated a session on ‘Digital resilience in the online world’ under the capacity building and skill enhancement series - Learn More and Beyond on January 14, 2023.
- Pinky Pawaskar coordinated a session on ‘Digital Culture’ in the online world’ under the capacity building and skill enhancement series - Learn More and Beyond on January 21, 2023.
- Narayan Parab contributed 4 modules in regional language (Konkani) towards e-content of project DISHTAVO for the period from January 2023 to November 2023.
- Prachi Kolamker, Coordinated the ‘Talaash 2.0- Unveil your Talent’ Inter School, Cultural event of Goa Business School held on 16<sup>th</sup> December 2022.
- Prachi Kolamker, coordinated a session on “Addressing Common errors of Indian English” under the capacity building and skill enhancement series - Learn More and Beyond on February 6, 2023.
- Prachi Kolamker, coordinated a session on “Sensitizing on Social Issues” under the capacity building and skill enhancement series - Learn More and Beyond on 28th January, 2023.

## Discipline of Hospitality Travel and Tourism

### Faculty:

- **Albino Roshan Thomson**, Ph. D, Assistant Professor- Hospitality and Tourism
- **K.G. Sankara Narayanan**, Ph. D, Professor- Finance, Marketing, HR, Capital Market, Tourism and Hospitality
- **Kevin D'Souza**, Masters in Tourism Management, Assistant Professor- Hospitality, Food sector
- **Paresh Lingadkar**, PhD, Assistant Professor - Organizational Behaviour, Tourism and Hospitality.
- **Poonam Sadekar**, PhD, Assistant Professor- Hospitality and Tourism Management,
- **Sadanand Gaonkar**, M. Com, Assistant Professor - Accounting and Finance, Tourism and Hospitality Management.
- **Sujal L. Naik**, M. Com, Assistant Professor - International Tourism, Marketing Management.

### Major Thrust Areas and Achievements:

Thrust Areas: Food Production, Food and Beverage service, Front Office, Accommodation Operations, Tourism, International Business, Consumer Behaviour, Marketing Tourism and Hospitality

### Research Publications:

- Albino Thomson & N Mekoth. “COVID-19 and the Suspension, Relapse and Continuation of Casino Gambling: Learning Theories at Work”, in ‘Journal of Gambling Issues’, 2023.

- D'Souza, E. & D'Souza, K. (2023). A Study on the Impact of Innovative Technologies in the Hospitality Industry. *Journal of Tourism, Hospitality & Culinary Arts*, 15(1), 1-23.
- Paresh Lingadkar & K G S Narayanan. "Psychological Contract Breach and Job outcomes: Moderating role of Educational Qualification", in UGC-CARE listed journal titled 'The IUP Journal of Organizational Behavior', Volume 22, No 1, January 2023.

### **Conference Presentations:**

- Mr. Sadanand Gaonkar presented a research paper titled "Conceptualizing the Strategic Approach of Retailing and Culture for Sustainable Cultural Tourism Development" in the 2-days National Level Conference on the theme "Challenges of Retailing and its Coping Strategies", on 23<sup>rd</sup> Jan.-24<sup>th</sup> Jan. 2023, organized by the Post-Graduate Department of Commerce, Govt. College of Arts, Science, and Commerce, Khandola, Marcela-Goa.
- Mr. Sadanand Gaonkar Presented research paper title "An application of Factor-Cluster Approach in analyzing the Residents' perceptions towards sustainable rural tourism development in the 2-days International Conference on the theme "Sustaining a Competitive Edge in the Changing Global Scenario", on 9<sup>th</sup> and 10<sup>th</sup> March 2023, organized by Department of Commerce, School of Commerce, Finance & Accountancy, CHRIST (Deemed to be University).
- Dr. Poonam J. Sadekar presented paper titled "A Study on Challenges and Prospects of Women Entrepreneurs in India" in the International Conference on "Rethinking Commerce, Management, and Tourism - Post-Covid New Normal" organized by School of Commerce & Management, Garden City University, India in collaboration with CINEC-Campus, Sri Lanka on 13th and 14th March 2023.

### **Industrial Tour:**

As part of the Food & Beverage Service Course work, the Integrated MBA students were taken to Coorg Coffee Plantation, Madikeri, Karnataka, to acquire in-depth knowledge of the making of non-alcoholic beverages date of the industrial tour: 8<sup>th</sup> to 10<sup>th</sup> December 2022.

### **Other Activities:**

- Eco-friendly Akash kandil making and Diya painting competition was organised at IMBA on 21 st October 2022. The activity was organised to make students aware how Eco-friendly products promote green living, conserve energy and also prevent air, water and noise pollution.
- IMBA students participated in 'Shop for a cause' event organised by the department of sociology on 14th December 2022. Student entrepreneurs of the IMBA program participated in the sale helped to provide the students to showcase their products for sale at the event.
- Frolic 2022-23 15-17 December 2022. An event consisting of various competitions like Business Pitch, Debates, Quiz, Compiling of Advertisement was organised for students.

## Discipline of Management Studies

### Faculty:

- **M. S. Dayanand**, Ph.D, Professor- Marketing and Tourism
- **Nilesh A. Borde**, Ph.D, Professor- Finance and Financial Economics (Shareholder Value Creation, Corporate Finance, Capital Markets, Mergers & Acquisitions)
- **Priyanka Naik**, Ph.D, Assistant Professor- Accounting and Finance
- **Purva G. Hegde Desai**, Ph.D, Senior Professor- Finance & Marketing (Financing & Working Capital) Management in SMEs & Consumer Behavior
- **R. Nirmala, Ph.D**, Associate Professor- Marketing & HR
- **Suraj PavtoVelip**, Ph.D., Assistant Professor- Accounting and Finance
- **Teja Tushar Khandolkar**, MBA, Assistant Professor- Marketing

### Visiting

1. K. S. Rao – Legal Aspects of Business
2. Lisa Dias Noronha - German
3. Maria Caroline – Portuguese
4. Naryan Dessai – Productions and Operations Management
5. Sarita D'souza – Negotiation and Conflict Management

### Major Thrust Areas and Achievements:

MSMEs and Tourism

### Lectures, Seminars and Conferences:

- Shri Prashant Menon, the Founder and Director of Workplace Dynamics in Mumbai, delivered a lecture titled "Building 'Your' Corporate Brand - Design and Deliver" on 30th September 2022.
- Prof. Rakesh Pangasa, a Professor and Consultant at Business Innovation Yuma in Arizona, United States, presented a lecture on "Learning How to Learn - The Principles Involved" on 30th October 2022.
- Dr. Michel Sony, a Senior Lecturer at Namibia University of Science and Technology, shared insights on "Mixed Method Research" on 15th December 2022.
- Mr. Dipankar Banerjee, the Vice President of ABP Group, spoke on "Leadership Redefined" on 2nd March 2022.
- Goa Sustainability Conclave on Productivity & Green Growth on 13 March 2023.
- Mr. Bibhuti Dash, an Ex IPS Officer, addressed the topic of "Business Ethics" in his lecture on 6th April 2023.

**Projects:** Nil

### Research publications:

#### Articles in journals

- Bagaria, C.; Nirmala, R. The moderating role of mindfulness and green reward for creating pro-environmental habits in the workplace
- Chari, S.; Hegde-Desai, P.; Borde, N.; George, B. Aggregate news sentiment and stock market returns in India



- D'Souza, K.; Hegde-Desai, P.; Borde, N. Women's lifestyle habits boost psychological resources in achieving eating regulation
- D'Souza, K.; Hegde-Desai, P.; Borde, N.; D'Souza, E The impact of mindfulness and food culture on eating regulation and the mediating role of lifestyle habits.
- Gore, S.; Borde, N.; Hegde-Desai, P.; George, B. A structured literature review of the tourism area life cycle concept
- Gore. S.; Borde, N.; Hegde-Desai, P. Adaptive mode of planning and development: A case of Goa, India
- Gore. S.; Borde, N.; Hegde-Desai, P. Mapping tourism strategy patterns on tourism area life cycle
- Sitaraman, S.; Borde, N.; Hegde-Desai, P. Analyzing the gender gap in patents : A lesson from startups
- Tari, S.D.; Nirmala, R. Analyzing the effect of green human resource management to attain organizational sustainability
- Vaz e De Braganca, A.; Nirmala, R. Determinants of professionalism among nurses in a developing country

#### **Paper Presentations:**

- Teja Tushar Khandolkar has presented a paper titled “Calculating Return On Investment (ROI) From Social Marketing Programmes” at IMARC conference organised by IIM shillong, India on 24th and 25th August 2022.
- Teja Tushar Khandolkar has presented a paper titled “The Role Of Source Credibility Of Social Media Communications (FGC & UGC) On Perceived Risk In Purchase Situations.” at GIM Doctoral conference organised by Goa institute of management, Sanquelim Goa on 21st and 22nd April 2023.

#### **Industrial Tour:**

- Management Discipline of Goa Business School organized an Industrial Visit to Pune from 21st to 24<sup>th</sup> Jan 2023 for the MBA part-I students.

#### **Finishing School programme:**

- The Management Discipline at Goa Business School organized a two-day Finishing School programme for MBA Part-II students, facilitated by Ms. Zaini Samara Amonteiro Furtado. A total of 26 students actively participated in the program.

#### **Other Activities:**

- Zilos, GBS activity club organized a GBS sports day on the occasion of National Sports day
- Zilos, GBS activity club organized a kite festival on the occasion of “Makar Sankranti’

#### **PhDs:**

Degrees Awarded:-3

Submitted: - 2

Students on Roll: 22

## Inter- Disciplinary Programme

### Faculty:

Faculties of Goa Business School namely computer science Management and Economics Disciplines

### Visiting:

- **Sangeeta Pednekar:** Management Concepts and Organisation Behaviour
- **Saili Parab:** Environmental Studies Rebecca Pinto IMC- 105: Soft Skills - I (Oral Communication)
- **Antara Bhide:** Perspective Building Course - I
- **Shivraman:** Marketing Analysis
- **Rebecca Pinto:** Soft Skills - III (Interview Facing Skills and Mock Interviews) Sneha Dessai: Programming in C++
- **Sangeeta Pednekar:** Strategic Management
- **Richard Valladares:** Perspective Building Course- IV (Leadership)

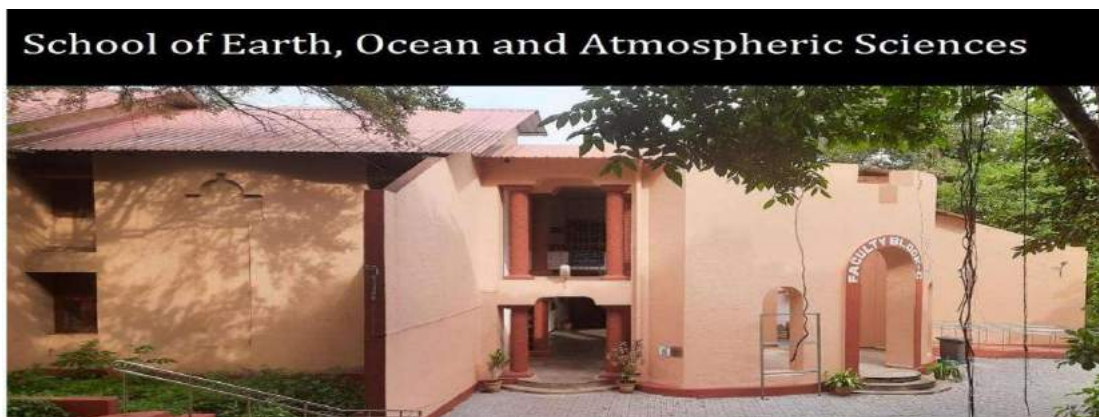
### Major Thrust Areas and Achievements:

Data Science, Machine Learning, Econometric, Macroeconomics, Microeconomics, Probability & Statistics, Management and Business Analytics.

### Lectures, Seminars and Conferences:

- Dr. Tanmay Verlekar , Assistant Professor , computer science dept, BITS, Goa- Introduction to Data science and Research
- Mr Saurab Kanekar , Lead Soft Engineer , PSL , Goa- Implementation challenges for Data science Projects
- Mr Sahil Wagh, Freelance web Developer, Block chair Expert and Developer community lead, Goa- Taming the Web.
- Dr Basabdatta Bhattacharya, Associate Professor, computer science Dept, BITS, Goa- Brain inspired computing

## 2.10 SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES (SEOAS)



### Programmes and Degrees:

|                       |                 |
|-----------------------|-----------------|
| Marine Sciences       | (M.Sc, Ph.D.)   |
| Applied Geology       | (M.Sc.)         |
| Earth Science         | (Ph.D.)         |
| Marine Microbiology   | (M.Sc. , Ph.D.) |
| Environmental Science | (M.Sc./M.A.)    |

**Dean:** Prof. C. U. Rivonker

**Vice-Dean (Academic):** Dr. A. A. A. Viegas

**Vice-Dean (Research):** Prof. Vishnu Murty Matta

### Discipline of Marine Microbiology

#### Faculty (Full-time):

- **Priya Mallika D’Costa**, Ph. D., Assistant Professor and Programme Director - Marine Microbiology, Interactions between Bacteria and Phytoplankton, Diatom Diversity, Biofilms, Bioremediation.
- **Varada S. Damare**, Ph. D., Assistant Professor - Marine Microbiology, Microbial Ecology, Marine Protists, Microbial Bioprospecting, Bioremediation, Trophic Interactions.
- **Chanda Vikrant Berde**, Ph. D., Assistant Professor- Microbial bioremediation, Marine microbiology, estuarine microbiology, microbial secondary metabolites, archaea, endophytic microorganisms.
- **Nikita Pradip Lotlikar**, Ph.D. Assistant Professor - Microbial biochemistry, marine mycology, Fishery Microbiology.
- **Sangeeta Mahableshwar Naik**, Ph. D., Assistant Professor – Marine Biogeochemistry and Marine Ecology.
- **Diviya Vaigankar**, Ph. D., Assistant Professor- Environmental Microbiology, Nanobiotechnology, Bioremediation, Molecular Biology.

## Major Thrust Areas and Achievements:

### Thrust Areas:

- Marine Microbiology: Microbial bioremediation, Marine microbial secondary metabolites, Marine associated microbiome, Bacteria-Phytoplankton interactions, Archaea, Biofilms, Marine Protists, Microbial Bio-prospecting, Marine Mycology.

### Projects:

| Project Investigator      | Title  | Funding agency                              | Grant (Rs. in Lakhs) |
|---------------------------|--|---|----------------------|
| Dr. D'Costa, P.M. (Co-PI) | Understanding the fluxes of microplastics in the coastal ecosystems of major rivers of India.  | Science & Engineering Research Board (SERB) | 6.30/-               |
| Dr. Damare V.S.           | Isolation of thraustochytrids from different marine habitats of Goa and screening for omega-3 polyunsaturated fatty acids viz., docosahexaenoic acid (DHA) | DRDRM, Goa University                       | 0.5                  |

### Research publications:

Articles in journals (\*in WoS/Scopus Journals):

- Barnes, N.M., Damare, S.R., Bhatawadekar, V., Garg, A. & Lotlikar, N. P. (2023). Degradation of crude oil associated Polycyclic aromatic hydrocarbons by marine derived fungi. 3 Biotech 13, 335.
- Vaigankar, D. C., Mujawar, S. Y., Mohanty, A. K., & Dubey, S. K. (2022). Biogenesis of selenium nanospheres using Halomonas venusta strain GUSDM4 exhibiting potent environmental applications. Archives of Microbiology, 204(7), 372.
- Mujawar, S. Y., Shamim, K., Vaigankar, D. C., Naik, M. M., & Dubey, S. K. (2023). Rapid arsenite oxidation by Paenarthrobacter nicotinovorans strain SSBW5: unravelling the role of GlpF, aioAB and aioE genes. Archives of Microbiology, 205(10), 333.

### Book Chapters:

- Vikrant B. Berde and Chanda V. Berde (Dec 2022). Zooplanktonic communities in two water bodies of Lanja tahasil of Ratnagiri district, Maharashtra state. In, Glimpses of Research in Life Sciences, Mhatre K.G. and Jagtap J.D. (Eds.) Pp. 97-109. Mahi Publications, India. ISBN: 978-93-95581-51-6 2- 3
- Chanda V. Berde, Vikrant B. Berde and Pallaval Veera Bramhachari (Jan-Feb, 2023). Bioprospecting of marine microalgae for novel antioxidants in human health and medicine. Chapter 22. In, Marine antioxidants: Preparation, syntheses and applications. (Kim, Se-Kwon, Shin, Kyung-Hoon and Venkatesan, J.) Academic Press, Elsevier, U.K. Pp. 295-303. ISBN: 978-0-323-95086-2
- Chanda V. Berde, Asha Giriyan, Vikrant B. Berde, Pallaval Veera Bramhachari (July 2022). Mangrove microbiomes: Biodiversity, ecological significance and potential role in

the amelioration of metal stress. Chapter 4. In, Understanding the microbiome interactions in agriculture and the environment. Bramhachari P.V. (Ed.) Springer Nature Singapore pp. 45-62. ISBN 978-981-19-3695-1 ISBN 978-981-19-3696-8(eBook) <https://doi.org/10.1007/978-981-19-3696-8>

- Reema Prakash, Ramesh Subramani, Krodi, Anusha, Chanda Vikrant Berde, Thummala Chandrasekhar, A.M.V.N. Prathyusha, Ekamber Kariali, and Pallaval Veera Bramhachari (July 2022). Rhizobacteriomec: Plant Growth –Promoting Traits and Its Functional Mechanism in Plant Growth, Development, and Defenses. Chapter 16. In, Understanding the microbiome interactions in agriculture and the environment. Bramhachari P.V. (Ed.) Springer Nature Singapore pp. 315-34 ISBN978-981-19-3695-1ISBN978-981-19-3696-8(eBook) <https://doi.org/10.1007/978-981-19-3696-8>

#### **Ph.Ds:**

Degree Awarded: Nil

Submitted: Nil

Students on Roll: 03

#### **Conference Presentations, Lectures, etc.**

- D’Costa, P.M., “Overview of Epifluorescence Microscope”. Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI). School of Earth, Ocean and Atmospheric Sciences, Goa University. 23<sup>rd</sup> to 29<sup>th</sup> August 2022. LECTURE.
- D’Costa, P.M., “Demonstration of Sample Analysis using Epifluorescence Microscope”. Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI). School of Earth, Ocean and Atmospheric Sciences, Goa University. 23<sup>rd</sup> to 29<sup>th</sup> August 2022. LECTURE & TRAINING.
- D’Costa, P.M.\* & D’Souza, T.J. “Biofilm formation by thraustochytrids and their interaction with bacteria” ASM Seminar on Microbial Diversity & Ecology - Tropics To The Polar Regions. Nov. 9, 2022. National Centre for Polar and Ocean Research (NCPOR), Goa. ORAL PRESENTATION.
- D’Costa, P.M. Panel discussion on “Global Climate Change: Challenges” at “57th Adhiveshan of Marathi Vidnyaan Parishad”. Goa University. 19th to 20th November 2022. INVITED.
- D’Costa, P.M. Invited talk on “Marine Micro-organisms: Invisible Inhabitants of the Blue Planet” in Fr. Agnel Higher Secondary School, Pilar, Goa on 1<sup>st</sup> February 2023 as part of Vidnyan Dhara 2023, A Mega Science Series, Goa State Higher Education Council and Directorate of Higher Education.
- D’Costa, P.M. Invited talk on ”Strategies to Manage Oil Spills in the Marine Environment” in the 3-Day Online Training Program On Risk Assessment and Disaster Management in Coastal areas. Jointly Organized by: National Institute of Disaster Management (NIDM) and Goa University. 22<sup>nd</sup> to 24<sup>th</sup> February 2023.
- D’Costa, P.M. Invited talk on ”Microplastics: the Invisible Pollutants” at the M.E.S. College of Arts and Commerce, Zuarinagar, on 27<sup>th</sup> February 2023, as part of the Kasturi lecture series.
- Damare, V.S., Panel discussion on “Our Natural Wealth: Indian Marine Species as Inspiration for Basic Research” at ONE Conference: Ocean Networking and Ecosystem Development. Aug 20, 2022. National Centre for Biological Sciences (NCBS) – TIFR, Bangalore. INVITED.

- Damare, V.S., Invited talk on ‘Microbiology and the Marine Environment’ in St. Xavier’s College on October 15, 2022.
- Damare, V.S.\* & Naik A.A. “Biofilm formation by thraustochytrids and their interaction with bacteria” ASM Seminar on Microbial Diversity & Ecology - Tropics To The Polar Regions. Nov. 9, 2022. National Centre for Polar and Ocean Research (NCPOR), Goa. ORAL PRESENTATION.
- Damare, V.S. Invited talk on ‘Significance of the Oceans and Marine Microbes to the Society’ in S.V's Sridora Caculo College of Commerce & Management Studies, Khorlim, Mapusa Goa on February 03, 2023 as part of Vidnyan Dhara 2023, A Mega Science Series, Goa State Higher Education Council and Directorate of Higher Education.
- Berde, C.V., Multiple attributes of estuarine microflora isolated from mangroves of Ratnagiri coast. at International conference on ‘Innovations in Biotechnological Research for Sustainable Development: Challenges and Practices’ organised by Sanjivani Arts, Commerce and Science College, Kopargaon, Maharashtra on 28th – 29th March 2023.
- Berde, C.V., Biocement production by marine ureolytic bacteria and their application in crack filling, at National conference on Lifesciences and Bio-technology for Eternal Development organised by Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta, Science College, Palghar on March 24, 2023.
- Naik, S.M., “Introduction to Total Organic Carbon Analyser”. Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI). School of Earth, Ocean and Atmospheric Sciences, Goa University. 23rd to 29th August 2022. LECTURE.
- Naik, S.M., “Hands-on experience to perform Total Organic Carbon analysis”. Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI). School of Earth, Ocean and Atmospheric Sciences, Goa University. 23rd to 29th August 2022. LECTURE & TRAINING.
- Naik, S.M., “Seasonal shift in pCO<sub>2</sub> source and sink status in the eastern Arabian Sea”. 5th International Symposium on the Ocean in a High CO<sub>2</sub> World. Lima, Peru. 12th to 16th September 2023. ORAL PRESENTATION.

#### **Workshop/Seminar Participation:**

- D’Costa, P.M.” IPR Innovations and Entrepreneurship”. Organized by SEOAS-MBSI Students Unit, Goa University, 3<sup>rd</sup> October 2022.
- D’Costa, P.M.” IPR Innovations and Entrepreneurship”. Organized by SEOAS-MBSI Students Unit, Goa University, 3<sup>rd</sup> October 2022.
- Damare, V.S. UGC-sponsored workshop on NEP 2020 (Online) “Pursuing two academic courses simultaneously and Internationalization of Higher Education” 29<sup>th</sup> June 2022.
- Damare, V.S. UGC-sponsored workshop on NEP 2020 (Online) “Academic Bank of Credit (ABC) and Multiple Entry and Exit” 30<sup>th</sup> June 2022.
- Damare V.S. Hands-on workshop on “Geographical Indication”. Goa University 12th August 2022.
- Damare, V.S. UGC-sponsored workshop on NEP 2020 (Online) “Technology Use and Integration” 29<sup>th</sup> August 2022.
- Damare V.S.” IPR Innovations and Entrepreneurship”. Organized by SEOAS-MBSI Students Unit, Goa University, 3<sup>rd</sup> October 2022.

- Damare V.S. One day workshop on “Application of Real Time PCR in Disease Diagnosis and Research”. Goa University. 18th October 2022.
- Damare V.S. Two-day workshop on “MATLAB”. Goa University. 10-11th November 2022.
- Damare V.S. “57th Adhiveshan of Marathi Vidnyaan Parishad”. Goa University. 19th to 20th November 2022.
- Damare V.S. 7 days Hands on Training Program on “NMR, XRD, AES, HPLC & Photoluminescence instrument” under “STUTI” Synergistic Training program Utilizing the Scientific and Technological Infrastructure. Goa University. 2nd-9th January 2023.
- Damare V.S. UGC-sponsored Refresher Course in Life Sciences (Inter-disciplinary). HRDC, Goa University. 10th-23rd January 2023.
- Berde, C. V.” IPR Innovations and Entrepreneurship”. Organized by SEOAS-MBSI Students Unit, Goa University, 3<sup>rd</sup> October 2022.
- Berde, C. V. ”3-Day Online Training Program On Risk Assessment and Disaster Management in Coastal areas. Jointly Organized by: National Institute of Disaster Management (NIDM) and Goa University. 22<sup>nd</sup> to 24<sup>th</sup> February 2023.
- Lotlikar, N.P. “Short term course of MOOC's, E-content development and Open Educational Resources “, UGC-HRDC, Goa University, Goa. 11<sup>th</sup> August to 10<sup>th</sup> August 2022.
- Lotlikar, N. P.”3-Day Online Training Program On Risk Assessment and Disaster Management in Coastal areas. Jointly Organized by: National Institute of Disaster Management (NIDM) and Goa University. 22<sup>nd</sup> to 24<sup>th</sup> February 2023.
- Lotlikar, N. P.” IPR Innovations and Entrepreneurship”. Organized by SEOAS-MBSI Students Unit, Goa University, 3<sup>rd</sup> October 2022.
- Lotlikar, N. P. UGC-sponsored Refresher Course in Environmental Science (Inter-disciplinary). Online. HRDC, Goa University. 24<sup>th</sup> November 2022 - 8<sup>th</sup> December 2022.
- Vaigankar D. “Microbial Diversity & Ecology-Tropics to the Polar Regions” ASM seminar. NCPOR, Goa in association with ASM for Microbiology, CUSAT-NCOPR Centre for Polar Science and Goa University. 9<sup>th</sup> November 2022.
- Naik S.M. “Application of Real-Time PCR in disease diagnosis and research”. School of Biological Sciences and Biotechnology, Goa University. 18th October 2022.
- Naik S.M. “Microbial Diversity & Ecology – Tropics to the Polar Regions. National Centre for Polar and Ocean Research, Goa. 9th November 2022.
- Naik S.M. “Two-day workshop on MATLAB”. School of Earth, Ocean and Atmospheric Sciences, Goa University. 10th to 11th November 2022.
- Naik S.M. “57th Adhiveshan of Marathi Vidnyaan Parishad”. Goa University. 19th to 20th November 2022.
- Naik S.M. Techniquet, Cardiff, United Kingdom, 27th February 2023

#### **Awards:**

- Naik S.M. “SERB-International Travel Support” for participating in the 5th International Symposium on the ocean in a high CO<sub>2</sub> world in Lima, Peru. 12th to 16th September 2023.
- Naik S.M. “SCOR Partial Travel Support” for participating in the 5th International Symposium on the ocean in a high CO<sub>2</sub> world in Lima, Peru. 12th to 16th September 2023.

- Naik S.M. “POGO-SCOR Fellowship 2022”. Cardiff University, United Kingdom. 30th January to 31st March 2023.

### Discipline of Marine Sciences

#### Faculty (Full-time):

- **Harilal B. Menon**, Ph.D., Professor (HAG) - Physical Oceanography, Coastal water optics, aerosol and radiative forcing, Radiative transfer modelling of visible spectrum of EMR, Optical remote sensing of coastal and estuarine waters.
- **Chandrashekhar U. Rivonker**, Ph.D., Professor - Marine Biodiversity and Ecology, Fisheries, Aquaculture, Phytoplankton Ecology.
- **Vishnu Murty Matta**, Ph.D., Professor-Marine Chemistry, Environmental Chemistry, Seaweed Chemistry.
- **Maheshwar R. Nasnodkar**, Ph.D., Assistant Professor - Marine Chemistry, Estuarine Geochemistry, Biogeochemistry, Metal Bioavailability and Bioaccumulation.
- **Sheryl Oliveira Fernandes**, Ph.D., Assistant Professor - Marine microbial ecology, Marine biogeochemistry.

### Discipline of Applied Geology

#### Faculty (Full-time):

- **Anthony Arthur A.Viegas**, Ph.D., Associate Professor-Igneous Petrology.
- **Niyati Gopinath Kalangutkar**, Ph.D., Assistant Professor- Igneous Petrology and Volcanology.
- **Poornima Rohan Sawant**, Ph.D., Assistant Professor- Mineralogy, Geochemistry and Igneous Petrology.
- **Pooja P. Ghadi**, M.Sc., Assistant Professor - Polar Micropaleontology, Paleoclimate, Structural Geology.
- **Nicole Ann Fae Sequeira**, Ph.D., Assistant Professor- Structural Geology, Metamorphic Petrology and Precambrian Tectonics.
- **Mahesh M. Mayekar**, M.Sc., Assistant Professor-Groundwater Geology, Igneous Petrology.

### Discipline of Marine Microbiology

#### Faculty (Full-time):

- **Priya Mallika D’Costa**, Ph. D., Assistant Professor and Programme Director - Marine Microbiology, Interactions between Bacteria and Phytoplankton, Diatom Diversity, Biofilms, Bioremediation.
- **Varada S. Damare**, Ph. D., Assistant Professor - Marine Microbiology, Microbial Ecology, Marine Protists, Microbial Bioprospecting, Bioremediation, Trophic Interactions.
- **Chanda Vikrant Berde**, Ph. D., Assistant Professor- Microbial bioremediation, Marine microbiology, microbial secondary metabolites, archaea, endophytic microorganisms
- **Nikita Pradip Lotlikar**, Ph.D. Assistant Professor - Microbial biochemistry, marine mycology.



- **Sangeeta Mahableshwar Naik**, Ph. D., Assistant Professor – Marine Biogeochemistry and Marine Ecology.
- **Dr. Divya. Vaigankar**, Ph.D., Assistant Professor – Environmental Microbiology, Nano Biotechnology.

### Major Thrust Areas and Achievements:

#### Thrust Areas:

- Marine Sciences: Aerosol and Radiative Forcing, Application of GIS & Remote Sensing, Aquatic Chemistry, Coastal Water Optics, Estuarine Chemistry and Geochemistry, Fisheries and Aquaculture, Marine Biodiversity, Seaweed Chemistry.
- Applied Geology: Modern Sedimentology, Sediment Geochemistry, Petroleum, Geology of Mesozoic Basins, Igneous Petrology and Volcanology, Micropalaeontology, Ground water Geology, Micro plastics, Structural Geology, Metamorphic Petrology.
- Marine Microbiology: Microbial bioremediation, Marine microbial secondary metabolites, Marine associated microbiome, Bacteria-Phytoplankton interactions, Archaea, Biofilms, Marine Protists, Microbial Bio-prospecting, Marine Mycology.
- Environmental Science: Environmental Impact Assessment, Ground water resource management, Solid waste management, Biodegradation and sustainable development with emphasis on local issues.

#### Projects:

| Project Investigator         | Title   | Funding agency  | Grant (Rs. in Lakhs) |
|------------------------------|---|---|----------------------|
| Prof. (HAG) Harilal B Menon  | Analysis of optical properties of coastal and estuarine waters and development of algorithm to retrieve chromophoric dissolved organic matter from an optical sensor. | Naval Research Board - DRDO                                 | 46.31/-              |
| Prof. (HAG) Harilal B. Menon | Aerosol Radiative Forcing Over India (IGBP-ARFI)  | Space Physics Laboratory, Vikram Sarabhai Space Centre-ISRO | 17.09/-              |
| Prof. (HAG) Harilal B. Menon | Network of Observatories for Boundary Layer Experiments (IGBP-NOBLE)  | Space Physics Laboratory, Vikram Sarabhai Space Centre-ISRO | 28.65/-              |

#### Research publications:

Articles in journals (\*in WoS/Scopus Journals):

- Coral reef-associated brachyuran fauna (Crustacea: Decapoda: Brachyura) from Angria Bank off the west coast of India. Vinay P. Padate, Rengaiyan Periasamy, Chandrashekher U. Rivonker and Baban S. Ingole (2023), Zootaxa 5357 (3): 398–422, <https://doi.org/10.11646/zootaxa.5357.3.4>
- Catch trends of bottom trawl fauna with an emphasis on prawns and stomatopods, off Goa, India, V P Padate, A Can & C U Rivonker, DOI: 10.56042/ijms.v51i09.2336

- Adhikari, A., H. B. Menon, A. Lotliker (2023). Coupling of hydrography and bio-optical constituents in a shallow optically complex region using ten years of in-sitodata. ISPRS Journal of Photogrammetry and Remote Sensing, 202, 499-511. <https://doi.org/10.1016/j.isprsjprs.2023.07.014>.
- Patil, P. A., A. Adhikari & H. B. Menon (2023). Bio-optical complexity and radiant heating rates in the coastal waters of eastern Arabian Sea. Science of the Total Environment, 884, 163838. <https://doi.org/10.1016/j.scitotenv.2023.163838>.
- Salim, S. N., A. Adhikari, A. A. Shaikh, H. B. Menon, N. K. Kumar & K. Rajeev (2023). Aerosol-boundary layer dynamics and its effect on aerosol radiative forcing and atmospheric heating rate in the Indian Ocean sector of Southern Ocean. Science of The Total Environment, 858, 159770. <https://doi.org/10.1016/j.scitotenv.2022.159770>.
- Salim, S. N., A. Adhikari, A. A. Shaikh, H. B. Menon, N. K. Kumar & K. Rajeev(2023). Thermodynamic characteristics of marine atmospheric boundary layer across frontal regions of the Indian Ocean Sector of the Southern Ocean based on three field campaigns. Atmospheric Research, 286, 106678. <https://doi.org/10.1016/j.atmosres.2023.106678>.
- Salim, S. N., H. B. Menon, N. K. Kumar & K. Rajeev (2022). Study of micrometeorological characteristics of the atmospheric surface layer over a tropical coastal station in Goa. Meteorology and Atmospheric Physics, 135, 3(2023). <https://doi.org/10.1007/s00703-022-00940-3>.
- Shaikh, A. A., S. N. Salim & H. B. Menon (2023). Aerosol and atmospheric dynamics over the Tropical Indian Ocean: A study from the IInd International Indian Ocean Expedition. Atmospheric Pollution Research, 14(7), 101797. <https://doi.org/10.1016/j.apr.2023.101797>

**Book Chapters: NIL**

**Ph.Ds:**

Degree Awarded: 08

Submitted: 08

Students on Roll: 15

**Conference Presentations, Lectures, etc.**

- Patil, P. A., Adhikari, A., Menon, H. B. (2023, April 22-23). Semi-analytical algorithm for the estimation of absorption by chromophoric dissolved organic matter in estuaries and coastal waters. [Poster presentation]. National Conference of Scientific Advancement for Sustainable Environment, Herbal Medicines and Impact on Health: An Earth Day Celebration (SASE). Banaras Hindu University, Varanasi, India.
- Pinto, M. J., Adhikari, A., Menon, H. B. (2023, August 23-25). Intratidal variability in hyperspectral remote sensing reflectance associated with changing bio-optical constituents in a tropical estuarine ecosystem [Poster presentation]. Eighth National Conference of Ocean Society of India, Indian National Centre for Ocean Information Services, Hyderabad, India.
- Patil, P. A., Adhikari, A., Menon, H. B. (2023, August 23-25). Monitoring river plumes of goa using a novel algorithm for estimating chromophoric dissolved organic matter in estuarine and coastal water [Oral presentation]. Eighth National Conference of Ocean Society of India, Indian National Centre for Ocean Information Services, Hyderabad, India.

- Shaikh, A. A., Sen, A., Menon, H. B. (2022, August 1-10). Characterization of aerosols in the coastal Antarctic region during austral summer [Oral presentation]. 10th SCAR Open Science Conference (SCAR-2022), Online, India.
- Shaikh, A. A., Sen, A., Menon, H. B. (2023, May 16-19). Spatiotemporal variability in aerosol distribution over the Indian Sector of the Southern Ocean and coastal Antarctica during the austral summer [Poster presentation]. National Conference on Polar Sciences (NCPS-2023), National Centre for Polar and Ocean Research, Vasco-da-Gama, Goa, India.

#### **Workshop/Seminar Participation:**

- Adhikari, A. [Oral Presentation] “Coupling of hydrography and bio-optical constituents in a shallow optically complex region using ten years of in-situ data”, 9-12 August, Plymouth Marine Laboratory, United Kingdom.
- Adhikari, A. [Coordinator] “Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs”, Institution’s Innovation Council (IIC) of Goa University, 24 August 2023.
- Adhikari, A. [Coordinator] “My Story: Motivational Session by successful innovators”, Institution’s Innovation Council (IIC) of Goa University, 22 February 2023.
- Poster presentation C.U. Rivonker, Samiksha Prabhudessai& C. R. Vishal (2023) Distribution of HAB species, dinoflagellate cysts and antonymous nature of freshwater phytoplankton in two tropical estuaries along the West coast of India, 9-12 August Plymouth Marine Laboratory, United Kingdom.

#### **Awards:**

- Adhikari, A., 2023, Trevor Platt Memorial Scholarship sponsored by the International Ocean Colour Coordinating Group.

## **2.11 CENTRE FOR THE STUDY OF SOCIAL EXCLUSION & INCLUSIVE POLICY (CSSEIP)**

### **Faculty (In-Charge):**

- Ganesha Somayaji, Ph.D., Professor and Dean

### **Contractual:**

- Vijay M. Gawas, Ph. D., Assistant Professor cum Assistant Director

### **Major Thrust Areas and Achievements:**

#### **Thrust areas:**

- Conceptualizing discrimination, exclusion and inclusion based on caste/ethnicity, and religion;
- Developing understanding of the nature and dynamics of discrimination and exclusion;
- Contextualizing and problematizing discrimination, exclusion and inclusion;
- Developing an understanding of discrimination at an empirical level; and
- Formulating policies for protecting the rights of these groups and eradicating the problem of exclusion and discrimination.

# PART 3

## DIRECTORATES

### **3.1 DIRECTORATE OF RESEARCH DEVELOPMENT & RESOURCES MOBILISATION (DRDRM)**

- During June 2022 to May 2023, a total of 15 research projects were funded by the following agencies: MEITY, DBT, DSTE, SERB, DST, MFRC, GFD, and DCF. Also a total of 11 consultancy projects were sanctioned to the faculty members of the University by the following funding agencies: SANDEE-ICIMOD, INFINITY AGROTECH, OCEO, INNOVINLLC-(GEORGIA USA), VITHU SATELKAR, PRUDENT MEDIA, DCF, FITNESS KONNECT, CSDS, IIT-MADRAS, LUPIN.

Altogether new Research Proposals submitted this year were 155 for funding to the following funding agencies: MEITY, ICSSR, UCLAN, NSE-NYU, SERB, ICIMOD, MNRE, GFD, DST, DBT, DNRE, DST-FIST, CSIR, NITI-AAYOG, SERB-SURE, DCF, UGC, DSTE, MOES, NCPOR, FCT-STF, MTA, IGSTC, ILSF, MOTA, MFRC-PRIVI, BRNS, GSWA, ICMR.

- Goa University D-RDRM office provided Seed money grants to the new faculties and Research Incentives Funds for publishing in the Scopus/WoS journals. The directorate established the Intellectual Property Rights (IPR) Scheme for the 10 best proposals for the year to support IPR for Patent, Copyright, Geographical Indicator and Trademark. Also, the Directorate established the Green Energy Management of the Campus to initiate activities toward greening of campus, Energy optimization, Water harvesting, and biodiversity of flora and fauna of the ecology of campus. The Directorate also supports researchers for their Ethical Clearance for studies involving human subjects through its IHEC committee and sub-committee.

**(Prof. R. S. Gad)**

**Director-RDRM**

### **3.2 DIRECTORATE OF EXTRA MURAL STUDIES AND EXTENSION SERVICES (DEMS & ES)**

Extra Mural Studies and Extension Services are essentially a third dimension of higher education if we consider the first two as formal teaching and research. The stakeholders for this third dimension include cross sections of society such as adults, school drop-outs, professionals, housewives, slum population, street children, and a host of learning groups who do not necessarily have a formal qualification to learn certain essential inputs

### **3.3 DIRECTORATE OF DIGITAL LEARNING & INITIATIVES (DDLI)**

The Directorate of Digital Learning and Initiatives (DDLI) stands as one of the University's earliest establishments, originating in 2002 under the name Distance Education and Training Infrastructure (DEITI). Its inception was rooted in the directives of the Ministry of Human Resource Development (MHRD), Government of India, with the goal of providing education through advanced digital technology via satellite communication to even the most remote areas in the state of Goa.

The center is well-equipped, featuring a cutting-edge lecture recording studio with top-notch acoustics and a multi-camera setup. The recorded videos, produced in full HD (with 6K capability), undergo high-quality post-production processes using advanced applications and equipment. Initially focused on broadcasting videos to higher secondary schools and college students in Goa through extended C-Band and PAL/SD technologies, the facility expanded its reach to the Education Department under Sarva Shiksha Abhiyan. It played a crucial role in training primary teachers through satellite mode. Additionally, the center collaborated with Goa Medical College for the Continuing Medical Education (CME) program, facilitating video conferences to train medical professionals and personnel in the healthcare field.

From June 2022 to May 2023, the Directorate of Digital Learning, and Initiatives (DDLI) at the university has undertaken the recording and editing of diverse courses/bridge courses and workshops for its schools.

During this period, DDLI has developed several courses, including "Marine Ecology" for the School of the Earth, Ocean, and Atmospheric Sciences, a "Bridge Course in Quantum Mechanics" for the School of Physical and Applied Sciences, and various other bridge courses in mathematical physics, laser physics, optics, and more. Additionally, DDLI has recorded modules such as "Maritime Security Challenges in the Indo-Pacific" for the School of International Studies and "साहित्याचासमाजशास्त्रीयआंगानेअभ्यास" for the Shenoj Goembab School of Language and Literature.

In the realm of audio content, DDLI has recorded and edited an audiobook for the ShenojGoembab School of Language and Literature. The directorate has also played a role in recording MOOCs courses in Music and Geology for the Directorate of Higher Education, Government of Goa.

DDLI conducted workshops aimed at assisting Goa University faculties in developing their MOOCs courses. These included sessions on courses adhering to Swayam norms, an introductory session on designing learner-centric MOOC, and training on the use of Interactive Touch Screen Display.

Beyond course-related activities, DDLI has recorded various national and international seminars, conferences, lecture series, and workshops. Noteworthy events include participation in G20 University Connect, live streaming of the International Yoga Day held on campus, and programs such as "Marine Farming and Society Engagement in Coastal State-Goa" organized by DUBA-Unnat Barat Abhiyan and the School of Biological Sciences and Biotechnology in Madkai Village, Goa.

DDLI extends its impact beyond the university, providing mass communication students from affiliated colleges with hands-on experience in a broadcast studio. The directorate also offers services in video documentation, video conferencing, and webcasting to

university departments and other directorates.

**Prof. Kaustubh R. S. Priolkar**  
**Director, DDLI**

### **3.4 DIRECTORATE OF VISITING CHAIR RESEARCH PROFESSORS PROGRAMME (DVRPP)**

Goa University launched the Visiting Chair Research Professors Programme (VRPP) from 2013-14 to bring luminaries in the fields of liberal arts and literature, social and natural sciences, and other fields to the University. The visiting professors will interact with students, deliver lectures, offer courses, and work on collaborative research projects, or stimulate the creation of art installations and music performances with faculty and students. It is hoped that while blurring boundaries between traditional disciplines, the visiting professors will generate a creative environment in learning and contemporary knowledge production practices with their intellectual and aesthetic endeavors.

The Programme is being supported by the Directorate of Art and Culture, Government of Goa and two chairs have been privately funded through generous grants.

#### **List of Visiting Research Professors including the new appointments:**

|    |  |   |
|----|--|---|
| 1. | DD Kosambi Chair in Interdisciplinary Studies            | Prof. Ramkrishna Ramasawamy; Prof. Dhruv Raina; Prof. Jonardon Ganeri   |
| 2. | D.B Bandodkar Chair in Political Economy                 | NIL   |
| 3. | KavivaryaBakibaab Borkar Chair in Comparative Literature | Prof.VrindaNabar;Prof.Anvita Abbi;.Prof.Ganesh Devi. Prof Damodar Mauzo; Shri.Sachidanandan K   |
| 4. | Mario Miranda Chair in Art, Fine Art                     | Prof. Arijit Sen Gupta; Prof. Subodh Kerkar   |
| 5. | Anthony Gonsalves Chair in Western Music                 | Ms. Sonia Shirsat   |
| 6. | Nana Shirgaokar Chair in Indian Music                    | Dr. Anish Pradhan;Ms. Parvati Dutta; Ms.Leela Samson.   |
| 7. | Sant SohriobanathAmbiye Chair                            | Prof. Achyut S Godbole; Dr. Anil Avchat; Prof.ArunaDhere; Prof. Mahesh Elkunchwar; Dr. Anand Nadkarni; Prof.Neeraja Patil; Ms. Pragya Daya Pawar. |
| 8. | J.H.Cunha Rivera Chair (Funded by Camoes Institute)      | Prof. Hugo Canelas Cardoso; Prof. Susana Sardo; Prof. Amelia Polonia; Prof. Walter Rossa  |



|   |  |                     |
|---|--|---------------------|
| 9 | V.M. Salgaocar Chair in Wildlife Studies (Funded by V.M Salgaocar Trust) | Prof.AnishAndheria; |
|---|--|---------------------|

### **VRPP – Salient Features & Achievements:**

- Internationally reputed personalities from India and abroad provide a unique opportunity for Goans to interact and learn.
- All courses/workshops/sessions are open to students as well as the General Public.
- Integrated into the University’s choice-based curriculum as credit courses as well as available as electives in affiliated colleges.
- Courses/activities are organized not only at the university but also in colleges affiliated with our university and other locations in Goa to benefit PG/UG students and the General Public. Certificates are issued to all the participants who complete the course.
- A dedicated website to disseminate all information related to the VRPP Programme and online registration facility for all courses.
- Goa University formed its own Western music choir and performed at prestigious festivals and places through efforts initiated due to VRPP.
- Documentation of Goan culture, and social practices.
- Infused the young researchers in Goa with new ideas by engaging in dialogues.
- Created interest in liberal arts, Indian and Western classical music & literature in young minds.
- Most of the sessions have been video graphed and made available on the web/local intranet. This will serve as a source of knowledge in the coming years.
- Created Facebook and Instagram ID’s to publish news of various activities to be conducted at Goa University.

### **List of activities/ courses/ workshops conducted under each chair**

#### **1. D.D Kosambi Chair in Interdisciplinary Studies**

Prof. Dhruv Raina conducted three Public Lectures under D-VRPP, Goa University.

- **The Spatial turn in the World Writing of the History of Knowledge** lecture was held at D-VRPP seminar Hall on 14<sup>th</sup> March 2023.
- **Metaphor and Theory: Engaging with the circulation of Knowledge** lecture was held Dhempe College of Arts and Science, Miramar on 16<sup>th</sup> March 2023
- **Rethinking the Constellations of Knowledge and Preparation for a Inter/ Trans disciplinary Future** lecture was held St. Xavier’s College, Mapusa on 18<sup>th</sup> march 2023.

#### **2. Dayanand Bandodkar Chair in Political Economy**

Prof. Srikant Kondapalli conducted three Public Lectures under D-VRPP , Goa University

- **Decoding complexities in US- India -China Strategic Triangulation** lecture was held at D-VRPP seminar Hall on 17<sup>th</sup> March 2023.

➤ **Strategic Connectivity for Coercive Hegemony: The “Belt and Road Initiative in Perspective”** lecture was held V.M. Salgoancar College, Miramar on 18<sup>th</sup> March 2023.

➤ **“China’s Revisionist global Ambitions: Existential Challenges to the Evolving World Order”** lecture was held Museum of Goa, Pilerne on 19<sup>th</sup> March 2023.

Prof. R. Ramakumar conducted three Public Lectures under D-VRPP, Goa University.

➤ **State, Market and Covid-19: Emerging Questions for the Future** lecture was held Museum of Goa, Pilerne on 05<sup>th</sup> February 2023.

➤ **Covid-19, Health and Economic Policy: Experiences and Lessons from Kerala** lecture was held at D-VRPP seminar Hall on 07<sup>th</sup> February 2023.

➤ **Indian Agriculture: An Assessment of Three Decades of Liberalisation** lecture was held Government College of Arts, Commerce and Science on 09<sup>th</sup> February 2023.

### **3. Kavivarya Bakibaab Borkar Chair in Comparative Literature**

➤ Prof Anvita Abbi Conducted a workshop on “Documentation of Indigenous Knowledge and Oral Tradition of varieties of Konkani from Sattari Taluka” at Goa University for Student and General Public from 28<sup>th</sup> October to 09<sup>th</sup> November 2022.

➤ Prof. Anvita Abbi delivered a Public Lecture at Museum of Goa Pilerne on “Glimpse of a Pre-Neolithic Civilisation: The Great Andamanese on 06<sup>th</sup> November 2022.

➤ Prof. Vrinda Nabar conducted a seminar- Workshop on “Writing Lives” at Goa University for Student and General Public from 27<sup>th</sup> January to 03<sup>rd</sup> February 2023.

➤ Prof. Vrinda Nabar delivered Public lecture at Museum of Goa, Pilerne on “A Rite of Passage: The Ancestor as Foundation on 29<sup>th</sup> January, 2022.

### **4. Mario Miranda chair in Art, Fine Art/ Painting/illustration cartooning, etc.**

➤ Prof Subodh Kerkar conducted courses on “PYO-120 : Introduction to Contemporary Art- Two credit course open for students and General Public under Mario Miranda chair in Art, Fine Art/ Painting/illustration cartooning, etc. 16<sup>th</sup> November to 28<sup>th</sup> November 2023.

### **5. Nana Shirgaokar Chair in Indian Music**

➤ Ustad Shujaat Husain Khan gave a Sitar Public Concert Institute of Menezes Braganza Hall on 09<sup>th</sup> December 2022 accompanied by Mr. Mayank Bedekar and Mr. Amit Choubey.

### **6. Anthony Gonsalves Chair in Western Music.**

Prof. Sonia Shirsat conducted one credit course on “PRO-129; An Introduction to Fado from 08<sup>th</sup> February to 14<sup>th</sup> February 2023.

### **7. Sant Sohrobanath Ambiye Chair in Sant Sahitya**

➤ Directorate of Visiting Research Professor Programme in collaboration with Discipline of Marathi conducted study tour on 05<sup>th</sup> December, 2022.

- National seminar on “Research in the field of Marathi at University Level: Review and prospect from 06<sup>th</sup> February to 07<sup>th</sup> February 2023.
- Video documentation of 25 Goan Marathi Litterateur at Goa University on 27<sup>th</sup> February 2023.
- Dr.ArunaDhere delivered four Public Lectures at various institution i.e Government college of Arts, Science and Commerce, Sanquelim, Shree Mallikarjun & Shri. Chetan Manju Desai College,Canacona, Dhempe College of Arts and Science Miramar, Vidya Prabhodhini College of Commerce, Education, Computer & Management, Porvorim.
- Directorate of Visiting Research Professor Programme in collaboration with Discipline of Marathi had conducted workshop on “Poetry Writing, Recitation, Literary Appreciation, Poetry Criticism and Creative writing from 13<sup>th</sup> March to 18<sup>th</sup> March 2023.
- Directorate of Visiting Research Professor Programme in collaboration with Discipline of Marathi had conducted Public Lecture on Mahabharat and we at 12.00 noon at chemistry auditorium and also witnessed Goan Marathi documentary festival and guided students in research point of view regarding cultural studies and Marathi Literature on 20<sup>th</sup> March 2023.

#### **8. Dalai Lama Chair in Nalanda Studies (Funded by Dalai Lama)**

- Geshe Dorji Damdul delivered a combination of formal lectures and meditation session on a Map of the Mind and its clinical benefits for Mental Health from 20<sup>th</sup> June to 24<sup>th</sup> June 2022.
- Geshe Dorji Damdul delivered a Public Lecture at International centre Goa on 27<sup>th</sup> June 2022 at 6.00pm.
- Ven Nicholas Vreeland conducted lecture sessions on “An Introduction to the Practice of the Nalanda Studies under the Dalai Lama chair from 27<sup>th</sup> February to 02<sup>nd</sup> March 2023.

#### **9. V.M Salgaocar Chair in Wildlife Studies (Funded By V.M Salgaocar Trust)**

- Prof. Kartik Shankar conducted a public lecture on “Finding Philautus: the evolution and biogeography of peninsula India herpetofauna at Goa University on 18<sup>th</sup> November 2023.
- Dr.AnishAndheria conducted two Public lectures and a workshop at Goa University on “Nature and Wildlife Photography” under V.M. Salgaocar Chair from 11<sup>th</sup> March 2023.

#### **10. J.H.Cunha Rivera Chair (Funded by Camoes Institute)**

- Prof. Walter Rossa conducted course on “PRO-125: Heritages of Portuguese Influence in the Indian Ocean Borders “ One credit course open for students under J.H.Cunha Rivera Chair in Indo-Portuguese comparative studies from 29<sup>th</sup> September to 07<sup>th</sup> October 2022.

- Book Release Viz “**Traces on the Sea**” Portuguese Interaction in Asia in Hands of Prof Harilal Menon Vice-Chancellor of Goa University on 07<sup>th</sup> October 2022.
- Prof. Hugo Cardoso conducted a course on “PRO-121: Language contact in South Asia and the role of Portuguese-One credit course open for students under J.H.Cunha Rivera Chair in Indo-Portuguese comparative studies from 28<sup>th</sup> November to 09<sup>th</sup> December 2022.
- Prof. Susana Sardo conducted a course on “PRO-128:Ethnography of Musical Practices in Goa” - One credit course open for students under J.H.Cunha Rivera Chair in Indo-Portuguese comparative studies from 17<sup>th</sup> January to 27<sup>th</sup> January 2023.

#### **11. Activities Under General Budget**

- Mr. Neelesh Misra delivered a public performance at Goa University titled “Neelesh Misra Live” (Story Telling) on 10<sup>th</sup> February 2022.
- Interaction of Government bodies and Goa University: science Schools with a view to strengthen collaborative interaction in Research, SBSB, SCS and SPAS.

**Prof. Savita Kerkar**  
**Director, VRPP**

### **3.5 DIRECTORATE OF STUDENT’S WELFARE AND CULTURAL AFFAIRS (DSW)**

**The following activities were conducted by Goa University Campus Students Union.**

- Inaugural function of Goa University Campus Students Union on 07<sup>th</sup> December 2022.
- “Inter college Ghumat Aarti” competition organized by Goa University Campus Students Union on 20/12/2022.
- Goa University Campus Students Union organized “Play Onn” on 2<sup>nd</sup> and 3<sup>rd</sup> February 2023 for Campus Students.
- Annual Cultural Event “Plateaunica” 2023 organized by Goa University Campus Students Union on 23<sup>rd</sup>, 24<sup>th</sup> and 25<sup>th</sup> March 2023.
- Inter Collegiate Sports Event organized by Goa University Campus Students Union on 15<sup>th</sup> April 2023.

**Post Graduate Students participated in various events organized by colleges.**

- Winners at “Tathastu” 2023 organized by the Students Council of ParvatibaiChowgule College, Margao on 17<sup>th</sup> and 18<sup>th</sup> March 2023.
- Winners at “Happenings” 2023 organized by Students Council of Goa College of Engineering, Panaji on 19<sup>th</sup> and 20<sup>th</sup> May 2023.
- Runners Up at “Plexus” 2022 organized by Goa Medical College Students’ Association on 25<sup>th</sup> to 27<sup>th</sup> October 2022.

- Runners Up at “Vistara” 2023 organized by Students Council of Goa College of Architecture, Panaji on 9<sup>th</sup> to 10<sup>th</sup> February, 2023.
- Runners Up at “Creation” 2023 organized by Students Council of DCT’s Dhempe College, Miramar from 27<sup>th</sup> to 28<sup>th</sup> February, 2023.
- Participated in “Pegasus” 2023 organized by the Students Council of DCT’s Dhempe College, Miramar from 17<sup>th</sup> to 18<sup>th</sup> March, 2023.

### **Processing/ Disbursing/ Sanctioning of University Scholarships/ Schemes during 2022-23.**

- Merit Scholarship (Sanctioned to 380 students)
- Free Studentship (Sanctioned to 90 students)
- Student Aid Fund (Sanctioned to 2 students)
- Earn While You Learn Scheme (Sanctioned to 23 students)
- Post-Matric Scholarships of the Directorate of Social Welfare (Sanctioned to 81 students)
- Gagan Bharari Shiksha Yojana for ST students (Processed applications of 119 students)
- Various Scholarships on the National Scholarship Portal (Sanctioned to 131 students)
- Bursary Scheme (Processed applications of 26 students)
- ONGC Scholarship (Processed application of the topper of M.Sc. Applied Geology).
- Dayanand Bhandodkar Scheme for Higher Education for Orphans (Sanctioned to 01 student)
- Fee Waiver Scheme for SC/ST Students Pursuing Higher Education (Processed application of 01 student)
- Dempo Charities Trust Scholarship (Sanctioned to 09 students)

**Dr. A. A. A. Viegas**  
**Director, DSW**

### **3.6 DIRECTORATE OF INTERNSHIPS, INCUBATION AND INDUSTRY PARTNERSHIP (DI3P)**

- University ranked under the Band 101-150 for year 2020 - 21 and 2021 -22 by NIRF.
- University awarded 2-star rating for the activities of Goa University-Institution Innovation Council 4.0 (2021-22).

#### **Faculty Co-ordinators:**

- Prof. Sandeep Garg, Director- President, Goa University-Institutional Innovation Council 5.0

- Prof. S. Krishnan, Vice-President, Goa University-Institutional Innovation Council 5.0
- Prof. S. N. Dhuri, Convenor, Goa University- Institutional Innovation Council 5.0
- Dr. Elaine Dias, Coordinator, Atal Ranking of Institutions on Innovation Achievements (ARIIA)
- Mr. S. Baskar, Coordinator, National Innovation and Startup Policy (NISP)
- Mr. Jarret S. A. Fernandes, Coordinator, HACKATHON

#### Members of IIC Council 5.0 (2022-23)

| Teaching/Non-Teaching Staff Members | Student Members        | External Expert Members                                    |
|-------------------------------------|------------------------|--|
| Dr. Sandeep Garg                    | Gayatri Kotkar         | Adv. Shalini Menezes-Sim Sim Advisory Pvt. Ltd.            |
| Dr. S. Krishnan                     | Veda Manerikar         | Dr. Vanita Prasad – REVY Environmental Solutions Pvt. Ltd. |
| Dr. Sunder Dhuri                    | Samiksha Malik         | Shri. Mangurish Pai Raikar- SR Consultancy Services        |
| Mr. Jarret Stevan Anthony Fernandes | Manasi Kamat           | Dr. Milind Bhirud - NABARD                                 |
| Dr. Nitin Sawant                    | Komal Salkar           | Shri. D.S. Prashant- Technology Business Incubator         |
| Dr. Pournima Dhume                  | Luann R D'Souza        | Dr. Mridula Goel - BITS-Pilani Goa Campus                  |
| Dr. Bhakti Salgaonkar               | Linus Coehlo           | Dr. Kishore N. Gujar – Sinhgad College of Pharmacy         |
| Dr. Elaine T. Dias                  | Jayesh Dattatray Saple | Shri. Pravin Sabnis- Unlearning Unlimited                  |
| Dr. S. Baskar                       | Sayed Azhaar Nazir     |  |
| Dr. Sheryl Oliveira Fernandes       | Sanket Govind Narvekar |  |
| Dr. K.B. Subhash                    | Prabha K Tiwari        |  |
| Dr. Anuradha Wagle                  | Sharvani N Korgaonker  |  |
| Dr. Avirup Sen                      | Arti P Dabolkar        |  |
| Dr. Arjun Adhikari                  | Shital Desai           |  |
| Dr. Varada S. Damare                | Kanika Kushwaha        |  |
| Dr. Meghanath S. Prabhu             |                        |  |
| Dr. Payaswini P.                    |                        |  |
| Mrs. Nafisa Oliveira                |                        |  |
| Dr. Albino Roshan Thomson           |                        |  |

**Webinar/ Seminar/ Workshop/ Field visits organized:**

| <b>Program Name</b>  | <b>Date</b>        | <b>Resource Person/s</b>   |
|--|--------------------|--|
| National Life Science Entrepreneurship Awareness Programme   | July 29, 2022      | Mr Subramani R<br>Ms. Varsha Rajesh<br>Ms. Nandita Chandavarkar<br>Mr. Abhijith K        |
| Accelerators / Incubation - Opportunities for students and faculty<br>Early stage Entrepreneurship                         | August 22, 2022    | Shri. D. S. Prashant   |
| Field Trip/Exposure Visit to Incubation Unit :FiiRE (Forum for Innovation Incubation Research and Entrepreneurship)        | August 27, 2022    | Shri. D. S. Prashant   |
| Intellectual Property Rights (IPR) in Industrial Microbiology  | September 22, 2022 | Dr. Sandeep Garg   |
| Technology Readiness level (TRL) of Microbial Products   | September 22, 2022 | Dr. Bhakti Salgaonkar  |
| Atal Tinkering Day Celebration   | November 14, 2022  | Dr. Sandeep Garg   |
| Entrepreneurship and Innovation as Career Opportunity  | December 21, 2022  | Dr. Sandeep Garg   |
| An Interactive Session On THE BIOTECHNOLOGY IGNITION GRANT (BIG) SCHEME  | January 24, 2023   | Dr. Nitya Raman  |
| IPR Awareness Program  | January 27, 2023   | Dr. Latika Dawara  |
| My Story - Motivational Session by Successful Entrepreneur/ Startup founder  | February 21, 2023  | Dr. Vanita Prasad<br>Mr. Prateek Patra   |
| My Story : Motivational Session by Successful innovators   | February 22, 2023  | Ms. Sunaya Shirodkar<br>Mr. Gaurav Pokle   |
| Process of Innovation Development, Technology Readiness Level (TRL), Commercialisation of Lab Technologies & Tech-Transfer | February 24, 2023  | Prof. Rajendra Gad<br>Dr. Bhakti Salgaonkar  |
| Problem Solving and Ideation   | February 25, 2023  | Mr. Pravin Sabnis  |
| Entrepreneurship Skill, Attitude and Behaviour Development   | February 27, 2023  | Mr. Pravin Sabnis  |
| Innovation & Entrepreneurship Outreach Program   | February 28, 2023  | Dr. Sandeep Garg<br>Dr. Bhakti Salgaonkar,<br>Ms. Kanika Kushwasa<br>Ms. Gayatri Kotkar, |

**Webinar/ Seminar/ Workshop/ Field visits Participated:**

- Dr. Sandeep Garg, Dr. Bhakti Salgaonkar, Dr. Elaine T. Dias & Mr. S Baskar attended IIC Regional Meet for the WRO Zone and Orientation Session on YUKTI - National Innovation Repository (NIR) and ARIIA 2022 held on August 1, 2022 at **Symbiosis International University- Pune**.
- Prof. Sandeep Garg, Vigilance Officer, Goa University attended the Inaugural Session of the Vigilance Awareness Week on **31/10/2022 at 10:00 a.m. and** participated in the Workshop on **01/11/2022 at 10:00 a.m. organized by the Directorate of Vigilance in the Seminar Hall, Secretariat, Porvorim, Goa**.
- Dr. Sandeep Garg, Dr. S. Krishnan, Dr. Sunder Dhuri, Mr. Jarret Stevan Anthony Fernandes, Dr. Nitin Sawant, Dr. Pournima Dhume, Dr. Bhakti Salgaonkar, Dr. Elaine T. Dias, Dr. S. Baskar, and Dr. Sheryl Oliveira Fernandes have completed the “Basic Level” training organised online by the Ministry Innovation Council, Ministry of Education, GoI, New Delhi and have been identified as “Innovation Ambassador”.
- Mr. Jarret Stevan Anthony Fernandes has completed the “Advanced Level” training of “Innovation Ambassador” organised online by the Ministry Innovation Council, Ministry of Education, GoI, New Delhi.

**Instruments procured for Incubation facility at Goa University:**

Analytical Balance, Bench Top Fermenter 8L, Biosafety Cabinet (Class II Type B2) , BOD Incubator, CHNSO Analyzer, CO2 Incubator, Digital Magnetic Hot Plate , Fluorescence Microscope, Horizontal autoclave cylindrical, Horizontal Laminar Air Flow, Hot Air Oven, Ice Flake Maker, Inverted Microscope, Lab refrigerated Incubator Shaker, Micro Plate Reader, Optical Microscope, pH Benchtop Meter, Portable autoclave, Precision Balance, Preparatory HPLC, Quantitative-RT-PCR, Rocker Vacuum Pumps, Scanning Electron Microscope, Table top freeze dryer, Ultracentrifuge, Ultrapure Water purification system, Ultrasonicator, UV-Vis Spectrophotometer, Vertical autoclave, Vertical Deep Freezer, Vortex Shaker, Walk-in-Cold room, Water Bath Universal Size

**Prof. Sandeep Garg**  
**Director, DI3P**

**3.7 DIRECTORATE OF STUDENTS PLACEMENT AND ALUMNI RELATIONS (DSPAR)**

The University’s Directorate of Student Placement and Alumni Relations (DSPAR) is involved in organizing annual placement fairs, conducting on-campus placement drives for companies, conducting alumni meetings at the Department or school levels, organizing seminars/guidance workshops, and disseminating information to students about job opportunities.



During the current year, DSPAR conducted various activities.

- Workshop on Placement Opportunities for Women Students of Goa University on 24<sup>th</sup> August, 2022.
- MCA Student Placement Activity, September - December 2022.
- Recent Trends in Insurance Sector and Career Opportunities on 19<sup>th</sup> January, 2023.
- “Career Opportunities at Bhabha Atomic Research Centre (BARC)” , Mumbai for Post Graduate students of Life/Chemical Physical/Environmental sciences and Geology” on 13<sup>th</sup> February, 2023.
- Carrier Opportunities at Indian Air Force(IAF) on 27<sup>th</sup> February, 2023.
- Life Skills Training Programme 13<sup>th</sup> to 16<sup>th</sup> March, 2023.
- Campus Placement conducted by Godrej Agrovet Ltd (Mumbai) at Goa University in association with School of Chemical Sciences on 16<sup>th</sup> and 17<sup>th</sup> March, 2023.
- Campus Placement Drive on 3<sup>rd</sup> April, 2023 with Bodhi Academy.
- UPSC Talk by Avinash Dharamadhikari on 3<sup>rd</sup> April, 2023.
- Campus Placement Conducted by Deccan Fine Chemicals (Goa) Pvt. Ltd. In collaboration with School of Chemical Sciences at Goa University on 6<sup>th</sup> April, 2023.
- Campus Placement Drive on 29<sup>th</sup> May, 2023 on financial sector.
- Financial support from Alumni for needy students.

**Dr. Rupesh Patre**  
**Director, DSPAR**

### **3.8 DIRECTORATE OF INTERNATIONAL COOPERATION AND EXCHANGE (DICE)**

#### **Activities Conducted:**

- The Director, DICE, participated in Mobile 22 Orientation Programme organized by University of Porto, Portugal in online mode for the institutions under Erasmus+ framework on January 11, 2023.
- DICE in Association with Taiepei Economic and Cultural Centre (TECC), New Delhi, organized a Workshop-Cum-Annual Meeting of Mandarin Teachers 2023 on May 6, 2023 at Goa University. Taiwan Representative and senior diplomat Mr. Baushuan Ger alongwith other dignitaries including Mr. Peters Chen, Assistant Representative and Director, Education Division, TECCC, Mr. P. Y. Liu, Director, Foxconn Hon Hai Technology Group, and Mr. Nilesh Shah, President, Travel and Tourism Association of Goa graced the programme. The delegates were also taken for a cultural exposition to heritage sites in Old Goa with expert guidance on Goa’s heritage by Mr. Sanjeev Sardesai, from Hands-on-Historians.
- Dr. Irene Silveira Almeida, Asst. Professor, Discipline of French, ShenoiGoembab

School of Languages, visited University of Porto from May 15-19, 2023 under the Mobile 2Be staff exchange programme project under MoU with said University within the Erasmus + framework financed by the European Commission. Dr. Irene delivered lectures in the area of “Diaspora Literature and Culture” with particular emphasis on Goan diaspora.

- Ms. Loraine Ethel Barreto, Asst. Professor, Discipline of Portuguese, ShenoiGoembab School of Languages, visited University of Porto from October 10-14, 2022 under the Mobile 2Be staff exchange programme project under MoU with said University within the Erasmus + framework financed by the European Commission. Ms. Loraine delivered sessions on “Indo-Portuguese Studies” during her visit.
- Prof. Paula Guerra from Faculty of Arts and Humanities, University of Porto, visited Goa University for the period from January 9-13, 2023 under Erasmus+ programme and delivered sessions in varied topics including Youth and Arts, Social Research, Contemporary Youth Culture and Resistance and Developments in Global South.
- Ms. Mathilde Carpentier and Ms. Camille Jestin from Sciences Po, Lyon, France completed their exchange semesters during AY 2022-23 at D DKosambi School of Social Sciences and Behavioural Studies and School of Sanskrit, Philosophy and Indic Studies, Goa University under the MoU with Sciences Po. Lyon.
- Mr. Gagan Gaurav Singh from School of International and Area Studies and Ms. Vaz Maria Liza and Ms. D’Souza MagrisValanka Dominiqua from ShenoiGoembab School of Languages and Literature, Goa University completed their exchange semesters at Sciences Po, Lyon, France under the MoU with the institute during the Spring semester from January 11 – May 28, 2023.

**Dr. Harip Khanapuri**  
**Director, DICE**

### **3.9 DIRECTORATE OF RASHTRIYA UCHATTAR SHIKSHA ABHIYAAN (DRUSA)**

Goa University was sanctioned a total grant is 20.00 Cr. under RUSA 2.0 in the 15<sup>th</sup> meeting of the Project Approval Board (PAB) of RUSA held on 24<sup>th</sup> January 2019. The first instalment of Rs. 10.00 Cr. was released on 2<sup>nd</sup> January 2020 under RUSA@2.0 grants. The first instalment of Rs. 10 Cr. was fully spent for the purchase of “High-End Equipment” which are placed in the ‘Materials Characterisation Laboratory’ of Goa University and are fully functional.

Rs. 4,14,77,240/-(out of the second instalment of Rs. 10.00 Cr.) was utilised through Goa RUSA (DHE, Govt. of Goa) under PFMS Payment through CanaraBank, from January 2022 onwards.

**The status of the ‘New construction work (on-going and completed)’ under RUSA@2.0 is given below:-**

| Sr. No. | Name of new construction                                   | Amount allotted from <u>RUSA@2.0</u> (Rs.)   | Date of advertisement | Date of purchase order | Payment status till date (Rs.)                                      | Work Status: Ongoing/Completed |
|---------|--|--|-----------------------|------------------------|---|--------------------------------|
| 01      | Construction of building for Computer Science & Technology | 6,80,000.00<br>(Total cost of lowest tender accepted is Rs. 10,26,61,414/- exclusive of tax) | 29/05/2021            | 09/07/2021             | <b>2,11,50,431/-</b><br><b>+97,65,568/-</b><br><b>=3,09,15,999/</b> | Ongoing                        |
| 02      | Construction of classroom annex for faculty block F        | 3,25,03,099.21<br>(Inclusive of GST)   | 28/04/2020            | 08/10/2020             | <b>2,64,71,170/-</b> +<br><b>60,31,929/-</b>                        | Completed on 17/02/2023        |

The details of fund released under RUSA@2.0 is given in the table below (Figures in Lakhs):-

| Component sanctioned                 | Total amount sanctioned (Rs) | Central share released (Rs) | Date/ year of release | State share released | Date/ year of release | Total fund released (Rs) |
|--------------------------------------|------------------------------|-----------------------------|-----------------------|----------------------|-----------------------|--------------------------|
| Infrastructural Grants to University | 20,00,00,000.00              | 6,00,00,000.00              | 2/1/2020              | 4,00,00,000.00       | 2/1/2020              | 10,00,00,000.00          |
|                                      |                              | 58,03,912.00                | 2021-22               | 38,69,274.00         | 2021-22               | 96,73,186.00             |
|                                      |                              | 1,32,23,042.00              | 2022-23               | 88,15,394.00         | 2022-23               | 2,20,38,486.00           |
|                                      |                              |                             |                       |                      | Total                 | 13,17,11,672.00          |

Out of Rs. 10 Cr. of 2nd instalment, the amount utilised was Rs. 3,17,11,672/- till two months back. In the last month another bill of Rs. 97,65,568/- was paid totalling the amount paid equal to Rs. 4,14,77,240/- till date from second instalment of 10 Crores. The balance amount of Rs. 5,85,22,760/- will be claimed from RUSA funds as and when the bills related to the work of construction of building for Computer Science & Technology are submitted. It may be noted that the construction of Computer Science & Technology building is going on in full swing.

**Prof. Vidhyadatta M. Shet Verenkar**  
Director, DRUSA

### 3.10 DIRECTORATE OF FOREIGN STUDENTS (DFS)

- The Directorate of Foreign Students facilitated the admission of 33 foreign students during AY 2022-23 with the benefit of incremental ICCR scholarships for stranded Afghan students by liaising with ICCR headquarters. This includes the facilitation of additional scholarships to 6 Afghan students for pursuing a Ph.D. degree at the University.
- Directorate of Foreign Students in association with ICCR, Goa organized an interaction session for foreign students with Mr Anurag Singh, Zonal Director, ICCR, West Zone, Mumbai on December 2, 2022. Mr. Anurag Singh interacted with foreign students on various issues pertaining to scholarships, visa extensions and other issues.
- The Directorate arranged for the “Pariksha Pe Charcha” programme of the Hon. Prime Minister of India on 27<sup>th</sup> January 2023 for the on-campus international students. A number of international students attended the broadcast of the programme at GBS block.
- DFS organized a “Cultural Evening” programme for international students in association with ICCR on April 15, 2023, as part of celebrations of the 73<sup>rd</sup> Foundation Day of ICCR. The international students witnessed the Goa Folk dances as part of this programme presented by professional dance group, *Shri Nagesh Maharudra Bhajani Mandali* from Curca. Afghan students also presented their cultural dance forms during the programme.
- The Director, DFS participated in a one-day meeting-cum-workshop of VCs/Directors organized by ICCR at the New Delhi headquarters on October 12, 2022. The program besides providing an orientation on digital processes related to admission and monitoring of international students supported by ICCR scholarships, facilitated discussion on issues related to scholarships, coordination, and general administration pertaining to foreign students.
- Goa University formally signed an MoU with ICCR, New Delhi for empanelment of the University with ICCR for regular admission of ICCR supported foreign students under the revised norms and procedures.

**Dr. Harip Khanapuri**

**Director, DFS**

### 3.11 DIRECTORATE OF INTERNAL QUALITY ASSURANCE (DIQA) & DIRECTORATE OF ALL INDIA SURVEY ON HIGHER EDUCATION (DAISHE)

**Activities conducted by DIQA Office:**

- Career Counselling workshop for the XI<sup>th</sup> & XII<sup>th</sup> standard students of Shri Bhumika Higher Secondary School, Paryem, Sattari, Goa on 17<sup>th</sup> June 2022.

- One-day workshop on “Writing Manuscripts and Publishing Quality Research Journals” on 27<sup>th</sup> of August 2022.
- A Workshop on Journal Selection for 1<sup>st</sup> batch, 24<sup>th</sup> September 2022
- A Workshop on Journal Selection for 2<sup>nd</sup> batch, 1<sup>st</sup> October 2022
- Training workshop for Non-Teaching Employees on 3<sup>rd</sup> November 2022 on various administrative processes and service rules.
- A Workshop on Outcome-based education: Assignment & attainment of Course and Programme Outcomes for the teachers of Science Schools on Campus on 7<sup>th</sup> Nov 2022.
- A Workshop on Outcome-based education: Assignment & attainment of Course and Programme Outcomes for the Teachers of SGSLL, DDKSSSBS, MPS, SIAS, and SSPIS on 18<sup>th</sup> November 2022.
- A Workshop on Outcome-based education: Assignment & attainment of Course and Programme Outcomes for the teachers of Goa Business Science on 14<sup>th</sup> December 2022.
- Talk on 'Observable Universe & Potential for Space Tourism' and live experiential session on Sky Gazing at Shri Hanuman Vidyalyaya, Valpoi, Sattari, Goa on 27 Dec 2022.
- A lecture on 'Will AI Tools Make a Paradigm Shift in Scientific Publishing?' by Prof. Prashant V. Kamat, University of Notre Dame, USA was organised on 20<sup>th</sup> February 2023.
- In association with SIAS, an International Workshop on Methodologies in 'International Relations' Pedagogy and 'Peer Reviewed' Publishing was organised on 3<sup>rd</sup> March 2023.
- A Workshop for the Faculty themed as “NAAC Report of 4th Cycle and New NAAC Guidelines” 11<sup>th</sup> March 2023.
- A Plantation Drive and talk on the biodiversity of the university campus on the occasion of World Environment 5<sup>th</sup> June 2023.
- A Training workshop was conducted for the newly recruited Non-Teaching Employees of Goa University on 18<sup>th</sup> July 2023.
- A workshop on Data Collection and SSR Preparation for NAAC Assessment - Best Practices 11<sup>th</sup> October 2023.
- AISHE cell and DIQA conducted State level Orientation cum workshop programme on 16<sup>th</sup> March 2023.

**Information gathering, monitoring, and dissemination:**

- Development of tools and techniques for information gathering
- Online student feedback. This is then distributed to the concerned teachers at the Schools/ Department Council level
- Online collection of information on academic output from every faculty member—essentially all items reported for the Annual Self-Appraisal as per UGC guidelines

- Development of formats for collection of departmental information, revising the formats based on additional information requirements
- **Advantages:** Information collected ONLY ONCE for all requirements
- Redesigning of the Departmental and Faculty pages on the website with links to the above-mentioned databases.
- **Advantages:** The faculties don't have to update their pages. This gets automatically updated with the information provided by him/her.
- Digitization of old Annual Reports and making them available on the University's website.
- Compilation of legacy metadata along with full-text of publications for the repository.
- Information monitoring and dissemination.
- Compilation of reports on the data gathered, graphics, and presentation to the management for quality assessment at AQAR meetings
- Compilation of Departmental Annual Reports
- AQAR Report preparation and submissions.
- Providing information as available against queries under the RTI Act on IQAC matters
- Building of quality databases on academic information and making them available via the University's website routinely on Publications (in the form of a university full-text repository), including Ph.D. theses (theses input by the library) (dissemination at Departmental, faculty level)
- Presentations of research results at various conferences/seminars, etc. (dissemination at faculty level)
- Externally funded projects (dissemination at Departmental, faculty level)
- Ph.D. students (dissemination at University, Departmental, faculty level)
- Events organized during the year (dissemination at the Departmental level)
- List of the courses taught and time-tables of various programmes/semesters to facilitate the functioning of the CBCS system
- Advantages: Single-point collection of information and generation of spin-off products, Up-to-date information on the website
- Students, Teachers, Employers, and Alumni Feedback collection on curriculum

### **Activities during 2022-23**

- Submitted AQAR to NAAC for AY 2021-2022
- Submitted data to NIRF – 2023 of MoE
- Submitted the QS Asia ranking data
- Submitted data for India Today university ranking

### **Activities conducted by AISHE Cell:**

The Directorate of All India Survey on Higher Education (DAISHE) collected the data from different sections of Goa University and uploaded the data from 31<sup>st</sup> May 2022 onwards through the AISHE portal in the prescribed Data Capture Form (DCF)–I for Goa University.

The collection of data was done under the following categories.

- Institution's Basic Details
- Details of Teaching staff
- Details of Non-Teaching staff
- Programme conducted under various faculties/Schools & Departments
- Students enrolled in these programmes
- Foreign students enrolled
- The regular Examination result of the terminal year of each Programme through the schools
- Placement details
- Financial Details such as Income and Expenditure under various heads
- Availability of Infrastructure
- Library Resources
- Scholarships, Loans & Accreditation

The AISHE also assisted the AISHE College Nodal Officers in uploading the college data on the AISHE portal.

AISHE has also registered for the UTSAH portal and started collecting data and uploading the data on the portal.

**Prof. Sunder N. Dhuri**  
**Director, DIQA**

**Dr. Alakananda Shringare**  
**AISHE Cell, Coordinator**

### **3.12 DIRECTORATE OF UNNAT BHARAT ABHIYAAN (DUBA)**

Unnat Bharat Abhiyan (UBA) is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. UBA has adopted 5 villages and carried out different activities for its betterment. UBA has different themes like Energy Management, Greenery, Sanitation and hygiene, Waste management, Water management, Marine farming, and educational outreach, and different activities are carried out based on these themes. UBA also has Swachh Bharat Student Internship (SBSI), Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES-REC), and Swachh Bharat Abhiyan under which activities are carried out.

## **B) Activities conducted during the period from June 2022 to May 2023**

The activities conducted under Unnat Bharat Abhiyan (UBA), Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES-REC), Swachh Bharat Student Internship (SBSI) and Swachh Bharat Abhiyan are as follows:

- Social Entrepreneurship, Swachhata and Rural Engagement Cell (SES-REC) under the Directorate of Unnat Bharat Abhiyan (DUBA) organized a Workshop on 27th February 2023, from 2.30 pm to 5.30 pm at the Auditorium, Goa Business School, Faculty Block F, Goa University. The event was held in offline mode at the Goa Business School Auditorium. The event was attended by 44 participants which included students (28) and faculty members (16). Resource persons for the said program were Ms. Sumita Ghosh and Mr. Allan Pinto.
- SBSB and SBSI conducted an Awareness programme on by collaborating with Vijaya Women Self Help Group at Sodiem, Siolim, Goa on 2nd July 2023. The activity was conducted as a part of the Society Engagement Activity. A total of 8 women from a self-help group participated in the programme.
- **Students of Biochemistry of SBSI conducted below activities:**
  1. SBSI interns organized a blood donation programme on February 1<sup>st</sup>, 2023. The camp was planned to assist people in need of blood transfusions. After registration and basic details at Lecture Hall 1 of Block E, SCS, Goa University, the camp took place in Lecture Hall 9. Around 10. am the function began.
  2. A Water Quality Assessment of Miramar Beach was conducted to determine the quality of the water on March 27<sup>th</sup> March 2023 and 06<sup>th</sup> April 2023.
  3. Organized a mental health seminar on 31<sup>st</sup> March 2023. Ms. Anushka Laad, a Counsellor at Goa University, was invited as the guest speaker. The event was held in Block E, SCS, Goa University's main Hall. Faculty and students from Goa University attended the talk.
  4. An awareness programme on personal hygiene with emphasis on Menstrual Hygiene was conducted on 17<sup>th</sup> March 2023.
  5. Awareness of health and diet facts using social media platforms was conducted from 22<sup>nd</sup> April to 25<sup>th</sup> April 2023.



- **Students of Konkani of SBSI conducted below activities:**

1. On 4th April 2023, in Anganwadi, Tambdi Mati, Taleigao, and on 11th April 2023, in Mardol, Ponda, respectively, a brief personal hygiene awareness programme was held for children.
2. Contacted a few women's self-help groups from the villages of Bicholim, Mapusa, and Ponda to conduct sessions on menstrual hygiene. We prepared a PowerPoint presentation on menstrual hygiene in Konkani so that they would understand the things that we wanted to convey easily and in much better ways. These sessions were held on the 8th, 9th and 11th April 2023.
3. As a part of the cleanliness drive, on 8th April 2023, cleaning of the classrooms was done which comes under the Discipline of Konkani.
4. On World Water Day, conducted an awareness programme regarding saving water as well as clean and safe drinking water. The initiative was taken to prepare e-posters on saving water. On the e-posters, numerous slogans, quotes, and dos and don'ts chart regarding saving water were written and circulated on 22nd March 2023 on social media platforms like Facebook, Instagram, and WhatsApp.
5. As a part of the Greenery theme, planted saplings in trash plastic bottles on 25th March 2023, and kept them in the faculty block B corridor outside the Konkani Discipline office and in the corridor near the classroom, which are adjacent to it. Planted some medicinal plants like Basil (Tulsi), Aloe vera (Katkunvor), and Indian Echinacea (Kirayte). Planted Nine o'clock, Brahmakamal, Periwinkle and Money Plant in the corridors of Discipline of Konkani. Distributed seed bombs free of charge to the teaching and non-teaching staff during an exhibition on 10<sup>th</sup> April 2023.
6. As a small step towards energy conservation posters related to saving electricity both in English and in Konkani were made and on 4th and 5th April 2023, were taken to the each and every class that comes under the Shenoj Goembab School of Languages and Literature and told the students about how electricity is wasted and it can be saved taking a small step, just by switching off all the electrical appliances when they are not in use. those posters were put up on the doors of each class that comes under the above-mentioned school with the permission of Dr. Vrushi Mandrekar, Academic Vice Dean, and all the Programme Directors of the Shenoj Goembab School of Languages and

Literature.

7. On Monday, 10th April 2023, an exhibition was conducted named “Wealth out of Waste” outside the office of Konkani Discipline. This exhibition was inaugurated by writer Kamlakar Mhalxi. All of the hand-made items were displayed at the exhibition.
- **Students of Botany (Team 1) of SBSI conducted below activities:** Students of Botany of SBSI conducted various activities regarding greenery themes, like poster making, online competitions like garden memes, reel your garden tips, and home gardening
  1. The free sapling distribution drive was conducted by Part I students of the Botany Discipline under the SBSI Student Internship program. This activity aimed to compel people to grow plants and to enlighten them about the various benefits of plants. It was held from 27th February to 6th March 2023. The plant saplings were provided by RFO Prakash Naik, Goa Forest Department nursery located at Quepem. A total of 750 plants were provided by the same which included 26 types of plants ranging from categories like medicinals, ornamentals, hedge plants, fruit trees and avenue trees Awareness regarding the same was created through posters on social media and in different departments and schools of the Goa University. The distribution was formally inaugurated on 27th February 2023 at the Chemistry Auditorium on the occasion of the Botanica, an inter-college event, organized by the Botany Discipline of the School of Biological Sciences and Biotechnology. The guest faculty members who had attended the Botanica event were given plant saplings as tokens.
  2. On 28th February 2023 the SBSI interns of Part I Botany Discipline of SBSB organized 'Colours of Science' event on occasion of National Science Day celebration. Had organized different competitions like Rangoli Competition, Bouquet Making (wild flower arrangement competition), Sketching/Painting Competition, Digital Poster Making Competition. All the competitions were open for all. Rangoli Competition and Bouquet Making competition was on that day itself but digital poster making (online submission) and painting competition was submission of their work on any prior day. There was great response from the participants from across various schools of the university. The participants turned up with a lot of flair and creativity. The main purpose of having this event was to make the students aware of the importance of our biodiversity which is getting eroded day by day, to appreciate its beauty, and to influence them to conserve it. The event started at 9.30 am in the Faculty Block A in the different classes,

- labs, and outside the Botany Department Office. The participants were given participation certificates after the competition and winners were given hampers.
3. A summer camp was held at Souto Maior Community Centre, Caranzalem, Goa. A time slot was given during the camp to educate the children on the importance of plants and how they can be grown and taken care of. There was a session on 16th May 2023 at 10:15 am at the Souto Maior Community Centre. 42 children participated in the same. The children before the session had a pot painting session, so the same pots were utilized to teach them how to plant and take care of the plants.
  4. Recycling paper and plastic along with planting sessions for children was held at Majorda, Goa. Children from the locality of Majorda were gathered together at the Shree Damodar temple premises on 20th May 2023 at 4:00 pm. There were around 10 children who participated from the area. They were taught to prepare recycled paper using old newspaper (making paper mache).
  5. Various activities were held for the children of The Little Flower Kidzee, Fatorda Branch, a reputed pre-primary school to enlighten the young minds by creating awareness on the importance of growing trees and managing and recycling waste at Fatorda, Goa.
  6. An awareness activity was conducted on 26th May 2023 in the village Poruti near Guledgud, North Karnataka with a group of women and teenagers who work on small plots of cultivating seasonal flowers like Marigold and Jasmine and some vegetables. First, they went around the place and looked out for locally available dominant plants and trees like Neem (*Azadirachta indica*), Castor (*Ricinus communis*), Red Hibiscus (*Rosa10 sinensis*), White Hibiscus (Dainty white), Chaff - flower (*Acyranthus aspera*) and Aloe vera (*Aloe barbadensis miller*), and collected few samples.
  7. Participated and volunteered for the 15th Conference on Vectors and Vector Borne Diseases was held at Goa University from 15th to 17th February 2023.
  8. Participated and volunteered in a one-day workshop on Marine Farming and Society Engagement in Coastal State- Goa was organized by Unnat Bharat Abhiyan and School of Biological Sciences and Biotechnology, Goa University in collaboration with Madkai Gram Panchayat on 4<sup>th</sup> February 2023 beginning at 10:00 am at the panchayat hall.

- **Students of Zoology (Team 2) of SBSI conducted below activities:**

1. Participated in the workshop held on the 1st of April 2023 an illuminating workshop on Mushroom Cultivation which was organized by the Educational Outreach Committee (SES-REC) of the Goa University to take the interested students through the voyage of mushroom cultivation.
2. Under the theme greenery the activity of kitchen gardening was planned. Various fruits and vegetables were grown in our backyard. It is a way to do organic farming without using harmful pesticides and chemical fertilisers. It is beneficial as it is cost efficient and also keeps our body healthy.
3. Plantations of medicinal plants were carried out by the interns in their locality.
4. To prevent plastic bags usage interns distributed handmade paper bags to supermarkets and stores.

- **Students of Zoology (Team 1) of SBSI conducted below activities:**

1. To encourage recycling, and raise awareness about the importance of waste reduction used glass bottles were transformed into beautiful pieces of art.
2. Collection and use of overflowing rainwater for gardening, Rainwater harvesting at home is an eco-friendly and sustainable practice that involves collecting and storing rainwater for later use. The aim was to use the overflowing rain water for gardening and other household purpose. By using this technique more than 200L of water was used for different purposes.
3. Practiced Water-saving techniques at home which can help reduce water consumption, conserve this precious resource, and lower your water bills. The aim was to avoid maximum wastage of water at home. On an average a water purifier produces 75% of waste water and only 25% of clean water. This waste water was used for different motives for ex; mopping of the floor, washing clothes etc. Water used for vegetable wash and cleaning of rice are great for the plants so this water was used for gardening.
4. Tried tyre planters, which are a creative and eco-friendly way of reusing old tires to grow plants and flowers. Instead of discarding used tires as waste, they can be repurposed as containers for gardening, making them a cost-effective and environmentally friendly option for planting.
5. Paper bags were made out of old newspapers by the team and distributed in supermarkets, vegetables shops, cafes etc. on 27/06/23.

6. Team members, had organised clothes donation to initiate re-use of clothes in different localities of Goa. By donating clothes as a means of reuse, we can contribute to a more sustainable and compassionate society while reducing the negative impact of the fashion industry on the environment.
  7. Beaches are pride of Goa and because of increasing pollution, these aesthetic places are becoming a garbage dump yard. To make these beaches clean team took the initiative and on 20/06/23 we cleaned Cacra Odxel Beach.
  8. Distribution of saplings in different areas of Goa. Initiative to gift saplings to the local people as to take a step forward towards a green Goa. Got saplings of different medicinal, flowering, and fruit plants from the forest nursery compardem, and also from Taleigaon local nursery, and we distributed the saplings in different areas like Valpoi, St' cruz, and Ravora.
  9. To spread awareness about how our planet Earth is getting polluted and the ways to save it, the team organized an E-poster competition on Instagram in which more than 15 people participated.
  10. The team visited Bal Bhavan Panjim to conduct best-out-of-waste activities with kids, these activities were fun learning for kids about how to recycle and reuse unwanted things. Age groups from 6 to 13 were present and they made various craft articles.
  11. Conducted webinar on malaria and dengue through Google Meet platform. This webinar aimed to create awareness about the increasing cases of these diseases with the increasing rainfall, in the webinar we educated people about precautions, causes, and treatment for this disease. For example, one should not allow the rainwater to stand as it can be a great breeding ground for dengue-causing mosquitoes.
  12. Talk on menstruation and personal hygiene along with the distribution of sanitary napkins in Union High School, Chimbel.
- **Students of Zoology (Team 3) of SBSI conducted below activities:**
    1. Under the theme of Sanitation and hygiene conducted Awareness and Control On “Urination in Public”. Selected highly busy tourist area – Calangute, in association with Calangute village panchayat awareness was created among people, also boards and posters were established in the village. The panchayat has also planned to appoint guards to monitor people and impose fine of 1000/- on each to stop people urinating in

open/public places.

2. Each of group member have home gardens for various vegetables, pulses, flowering plants, which act as organic food for the family and also provides habitat to various smaller lives.
- A one-day workshop on Marine Farming and Society Engagement in Coastal State- Goa was organized by Unnat Bharat Abhiyan and School of Biological Sciences and Biotechnology, Goa University in collaboration with Madkai Gram Panchayat on 4th February 2023 beginning at 10:00 am at the panchayat hall.

**Dr. Bidhan A. Shinkre**  
**SES-REC, Convenor**

**Prof. Jivan S. Parab**  
**SES-REC, Co Convenor**

**Dr. Harip Khanapuri**  
**UBA Nodal Officer**

**Prof. Jyoti D. Pawar**  
**Director, DUBA**

### **3.13 DIRECTORATE OF EQUAL OPPORTUNITIES (DEO)**

Directorate of Equal Opportunities (DEO), Goa University, oversees the implementation of policies and programmes for the disadvantaged groups within Goa University. The DEO also offers guidance with respect to availing of financial, social, and educational opportunities sponsored under the various Government Schemes for students from the marginalised. The Directorate of Student Welfare (DSW) at Goa University sends notifications regarding the same.

The DEO also oversees that in addition to the schemes meant for SC and ST students coordinated by the Directorate of Higher Education, Government of Goa, Goa University offers Merit cum Means scholarships to deserving students and for students from Economically Weaker Sections, Free Studentship by way of waiving of the Tuition Fees is also provided through the DSW.

Besides the above economic incentives to ensure Equal Opportunity to the students from the disadvantaged group at Goa University, two lectures were organised in collaboration with the Philosophy Discipline, School of Sanskrit, Philosophy and Indic Studies, Goa University to create awareness about the need to recognise the value of Equal Opportunities across Gender, Caste, and Race. Below are the details of the same:

- “Moral Interrogation and Gender Equality: Reflections through Narratives in Mahabharata” by Dr. Geetesh Nirban (Associate Professor & Head, Department of Philosophy, Kamala Nehru College, University of Delhi, Delhi) on 12 July 2022.
- “Thinking Civility and Justice: Some notes on Caste and Democracy in India” by Prof. Suryakant Waghmore (Professor of Sociology, Department of Humanities and Social Sciences, IIT Bombay, Mumbai) on 3 April 2023.

**Prof. Koshy Tharakan**  
**Director, DEO**

PART 4  
FACILITIES AND INNOVATIVE  
PROGRAMMES



## 4.1 COMPUTER CENTRE

The University Computer Centre was set up way back in 1987 with the assistance of UGC to establish a Central Computing facility on the campus. Since then, it has been providing all kinds of IT services to the Administration, faculty as well as students of the University.

It has also provided software solutions to various University activities including Administration, Finance, and Examinations. The computer network, Internet services, and the Data Centre are also the major IT infrastructure which is being provided and maintained by the Computer Centre. The overall surveillance solution for the entire campus of Goa University is managed and maintained at the Computer Centre.

The computer centre has also provided indoor as well outdoor Wi-Fi internet solutions to its users viz. Administration building, faculty blocks, and Hostels. LAN connectivity facility is provided in the Men's PhD hostel and all the Women's Hostels. Furthermore, the Computer Centre has enhanced the fibre connectivity to new upcoming buildings within the campus. For Future expansion, Hyper Converge Infrastructure specifications and proposal are in process.

**Shri Sanjay Bandodkar**  
**Head of Computer Centre.**

## 4.2 LIBRARY

The Goa University Library and Information Centre was established in the year 1985. It was then part of the Post Graduate Centre of Bombay University (CPIR). From its modest collection of books, this library has developed into a huge library with modern facilities.

At present, the library has a collection of 186100 books and 19000 volumes of bound journals. The library subscribes to 115 periodicals. The library is getting a large number of periodicals on gratis too.

The library is automated for its routine works and the entire collection is bar-coded. The library services are being done through an Open-Source Integrated Library Management Software Koha. Users can easily become aware of the availability of books and they can reserve and renew the books themselves through this software.

The library also offers access to general reference materials like the Encyclopedia Britannica and Encyclopedia of Science and Technology, World Book Encyclopedia, and Oxford English Dictionary.

### **Library website**

The library website can be accessed at the URL [www.library.unigoa.ac.in](http://www.library.unigoa.ac.in). This website is developed using an Open-Source Content Management System Wordpress. We have developed a huge Knowledge Portal with it, which links to multifarious information resources on the Internet. All online resources of the library are linked on this page. We have added 344 e-books on various subjects to our collection. A huge list of online resources is also available on this page.

### **UGC e-Shodh Sindhu Consortia**

Goa University Library, being the first phase member of the UGC eSS Consortia, avails the IP-authenticated e-journals from the Inter-University Centre of the UGC namely the INFLIBNET Centre, Gandhinagar. eSS provides thirteen databases to Goa University. The university stands at the top rank in the usage of these e-journals.

### **Databases (e-Resources) Subscribed by Goa University**

A large number of online resources (full-text journals, citation & abstracting services, federated search engines, statistical tools, etc.) are available to the users of the library through University funds. There are 19 databases and two research assistance tools provided to the end users. The links to all these are provided via the Knowledge Portal available at <http://www.unigoa.ac.in/library/knowledge-portal/>. The off-campus access to these resources is provided through Shibboleth software provided by UGC INFLIBNET.

### **Institutional Repository**

The Goa University Library has digitized its 1130 theses and uploaded them to the Digital repository created using the Open-Source Software DSpace. We have started uploading postgraduate dissertations and grey literature related to the University.

Goa University Library had a major role in the development of the Konkani Encyclopedia using the Konkani Vishwakosh published by the University. The entire encyclopedia volumes are digitized and copies are also available in our repository for download.

### **Browsing facility**

The library has 25 computers attached to the Internet, which the faculty and students can use for browsing the net. It has access to the 1GB campus-wide connection. The library is also Wi-Fi enabled.

### **Activities conducted by the library**

The University Library is in charge of checking research reports for Plagiarism. Research scholars are given help in checking their research reports for Plagiarism. Our entire Ph.D. thesis being submitted is subjected to Plagiarism checking.

Goa University Library conducts demonstration sessions on several databases and statistical tools in association with specific disciplines which gives hands-on experience to the end users and also creates awareness so that the usability of e-resources increases.

Regular Orientation sessions are given to the freshers of the University.

**Dr. Sandesh B. Dessai**  
**University Librarian**

### 4.3 SPORTS ACTIVITIES

All sports activities are organized systematically and in a sporting atmosphere as per the schedule approved by the Sports Council. Students participating in sports are given the benefit of marks and attendance as per Goa University Ordinances.

Goa University has a rich sports infrastructure at its campus for post-graduate students at the University campus, besides coaching and intercollegiate tournaments. Various intra-mural events for post-graduate students are also conducted using this infrastructure.

**Outdoor Infrastructure includes** Cricket ground, Standard 400M Athletics track, Football ground, Volleyball court, Basketball court, Concrete batting pitch for net practices, and Kabaddi court.

**The Indoor (Silver Jubilee Hall) is used for conducting activities like** Chess, Judo, Weight Lifting, Power Lifting, Best Physics, Tennikoit and Taekwondo

| Inter-Collegiate Championships 2022-23 |  |                               |                           |                              |                               |
|--|--|-------------------------------|---------------------------|------------------------------|-------------------------------|
| Sr. No.                                | Discipline   | Men                           |                           | Women                        |                               |
|  |  | Winners                       | Runners Up                | Winners                      | Runners Up                    |
| 1                                      | Table Tennis (M & W)<br>Date: 9 <sup>th</sup> to 12 <sup>th</sup> August, 2022 | Goa Medical College, Bambolim | Don Bosco College, Panjim | St. Xavier's College, Mapusa | Goa Medical College, Bambolim |
| 2                                      | Chess (Mix)<br>Date: 17 <sup>th</sup> to                                       | Don Bosco College of          | Dhempe College, Miramar   | -----                        | -----                         |

|    |  |  |   |   |                                     |
|----|--|--|---|---|-------------------------------------|
|    | 19 <sup>th</sup> August, 2022  | Engineering, Fatorda                   |   |   |                                     |
| 3  | Swimming ( M& W )<br>Date: 20 <sup>th</sup> August, 2022                         | Goa College of Engineering, Farmagudi  | St. Xavier's College, Mapusa  | Agnel Institute of Technology and Design, Assagao | St. Xavier's College, Mapusa        |
| 4  | Weight Lifting ( M )<br>Date: 23 <sup>rd</sup> & 24 <sup>th</sup> August, 2022   | DM's College, Assagao                  | G. R. Kare College of Law, Margao   | -----<br>-----                                    |                                     |
| 5  | Power Lifting ( M )<br>Date: 25 <sup>th</sup> to 27 <sup>th</sup> , August, 2022 | G. R. Kare College of Law, Margao      | St. Xavier's College, Mapusa  | -----<br>-----                                    |                                     |
| 6  | Best Physique ( M )<br>Date: 29 <sup>th</sup> August, 2022                       | V.M. Salgaocar College of Law, Miramar | SridoraCaculo College, Mapusa   | -----<br>-----                                    |                                     |
| 7  | X-Country ( M& W )<br>Date: 10 <sup>th</sup> September, 2022                     | Govt. College, Quepem                  | M.E.S. College  | Govt. College, Quepem                             | Shree Mallikarjun College, Canacona |
| 8  | Badminton ( M& W )<br>Date: 14 <sup>th</sup> to 16 <sup>th</sup> September, 2022 | Goa College of Engineering, Farmagudi  | St. Xavier's College, Mapusa  | S.S. Dempo College, Cujira                        | St. Xavier's College, Mapusa        |
| 9  | Judo ( M& W )<br>Date: 20 <sup>th</sup> to 24 <sup>th</sup> September, 2022      | Government College, Khandola           | V.M. Salgaocar College of Law, Miramar<br>P.E.S's, College of Arts & Science, Farmagudi | DM's College, Assagao                             | Vidya Prabodhini College, Porvorim  |
| 10 | Tennikoit (  | Government                             | Shree Mallikarjun   | Government  | Govt. College,                      |

|    |   |  |   |                                 |  |
|----|---|--|---|---------------------------------|--|
|    | M& W )<br>Date: 27 <sup>th</sup> to<br>30 <sup>th</sup><br>September,<br>2022                   | College,<br>Khandola                         | College,<br>Canacona                        | College,<br>Khandola            | Quepem                                       |
| 11 | Tennis ( M )<br>Date: 6 <sup>th</sup> & 7 <sup>th</sup><br>October, 2022                        | Dhempe<br>College,<br>Miramar                | Shree Damodar<br>College, Margao            | -----<br>-----                  |  |
| 12 | Taekwondo ( M& W )<br>Date: 11 <sup>th</sup> to<br>14 <sup>th</sup> October,<br>2022            | Rosary College,<br>Navelim                   | Goa College of<br>Engineering,<br>Farmagudi | Carmel College,<br>Nuvem        | V.M. Salgaocar<br>College of Law,<br>Miramar |
| 13 | Football ( M & W )<br>Date: 15 <sup>th</sup><br>October to 5 <sup>th</sup><br>November,<br>2022 | St. Xavier's<br>College,<br>Mapusa           | Govt. College,<br>Quepem                    | Rosary College,<br>Navelim      | St. Xavier's<br>College, Mapusa              |
| 14 | Cycling ( M )<br>Date: 7 <sup>th</sup><br>January, 2023   | Rosary College,<br>Navelim                   | Govt. College,<br>Quepem                    | -----<br>-----                  |  |
| 15 | Volleyball ( M & W )<br>Date: 10 <sup>th</sup> to<br>13 <sup>th</sup> January,<br>2023          | Goa Multi<br>Faculty College,<br>Dharbandora | S.S. Dempo<br>College, Cujira               | St. Xavier's<br>College, Mapusa | SSA's Govt.<br>College, Pernem               |
| 16 | Kho-Kho ( M & W )<br>Date: 17 <sup>th</sup> to<br>20 <sup>th</sup> January,<br>2023             | Govt. College,<br>Quepem                     | Shree Mallikarjun<br>College,<br>Canacona   | Govt. College,<br>Quepem        | Shree<br>Mallikarjun<br>College,<br>Canacona |
| 17 | Basketball ( M & W )<br>Date: 24 <sup>th</sup> to<br>28 <sup>th</sup> January,<br>2023          | St. Xavier's<br>College,<br>Mapusa           | Goa Medical<br>College,<br>Bambolim         | St. Xavier's<br>College, Mapusa | S.S. Dempo<br>College, Cujira                |
| 18 | Athletics ( M & W )   | Don Bosco<br>College, Panjim                 | Rosary College,<br>Navelim                  | Govt. College,<br>Quepem        | St. Xavier's<br>College, Mapusa              |

|    |   |  |                                    |   |  |
|----|---|--|------------------------------------|---|--|
|    | Date: 31 <sup>st</sup><br>January to 3 <sup>rd</sup><br>February, 2023                      |  |                                    |   |  |
| 19 | Handball (M<br>& W)<br>Date: 6 <sup>th</sup> to<br>10 <sup>th</sup> February,<br>2023       | St. Xavier's<br>College,<br>Mapusa                       | Shree Damodar<br>College, Margao   | St. Xavier's<br>College, Mapusa             | Rosary College,<br>Navelim                             |
| 20 | Baseball (M<br>& W )<br>Date: 14 <sup>th</sup> to<br>17 <sup>th</sup> February,<br>2023     | GVM's Gopal<br>Govind Poy<br>Raiturcar<br>College, Ponda | DM's College,<br>Assagao           | DM's College,<br>Assagao                    | Shree<br>Mallikarjun<br>College,<br>Canacona           |
| 21 | Hockey (M<br>& W )<br>Date: 21 <sup>st</sup> to<br>24 <sup>th</sup> February,<br>2023       | St. Xavier's<br>College,<br>Mapusa                       | SSA's Govt.<br>College, Pernem     | St. Xavier's<br>College, Mapusa             | Rosary College,<br>Navelim                             |
| 22 | Kabaddi ( M&<br>W )<br>Date: 20 <sup>th</sup><br>February to 3 <sup>rd</sup><br>March, 2023 | M.E.S. College,<br>Zuarinagar                            | Government<br>College,<br>Khandola | Vidya<br>Prabodhini<br>College,<br>Porvorim | P.E.S's, College<br>of Arts &<br>Science,<br>Farmagudi |
| 23 | Cricket<br>(M&W)<br>Date: 10 <sup>th</sup><br>March to 17 <sup>th</sup><br>April, 2023      | S.S. Dempo<br>College, Cujira                            | Government<br>College,<br>Khandola | DM's College,<br>Assagao                    | Don Bosco<br>College, Panjim                           |

### **INTER-UNIVERSITY CHAMPIONSHIPS PARTICIPATION AND PERFORMANCE 2022-2023**

| Sr.<br>No. | Events                 | Date                        | Zone      | Venue  | Performance   |
|------------|------------------------|-----------------------------|-----------|--|---------------|
| 1          | Kabaddi for<br>Men     | 25/11/2023 to<br>30/11/2023 | West Zone | Rani Durgavati<br>Vishwavidyalaya,<br>Jabalpur | Participation |
| 2          | Mallakham<br>b for Men | 22/01/2023 to<br>25/01/2023 | All India | Raja Mahendra Pratap<br>Singh University,      | Participation |

|    |                        |                          |           |  |                          |
|----|------------------------|--------------------------|-----------|--|--------------------------|
|    |                        |                          |           | Aligarhjudoj   |                          |
| 3  | Judo for Men           | 02/01/2023 to 06/01/2023 | All India | Lovely Professional University Jalandhar, Punjab               | One athlete in top Eight |
| 4  | Judo for Women         | 08/01/2023 to 12/01/2023 | All India | Lovely Professional University Jalandhar, Punjab               | Participation            |
| 5  | Badminton for Men      | 25/12/2022 to 29/12/2022 | West Zone | University of Kota, Kota                                       | Participation            |
| 6  | Badminton for Women    | 20/12/2022 to 23/12/2022 | West Zone | Swami Ramanand Teerth Marathwada University, Nanded            | Participation            |
| 7  | Table Tennis for Men   | 20/12/2022 to 24/12/2022 | West Zone | Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal              | Participation            |
| 8  | Table Tennis for Women | 21/12/2022 to 24/12/2022 | West Zone | University of Mumbai, Mumbai                                   | Quarters                 |
| 9  | Volleyball for Men     | 10/12/2022 to 14/12/2022 | West Zone | Swami Ramanand Teerth Marathwada University, Nanded            | Pre-Quarters             |
| 10 | Kho-Kho for Men        | 04/01/2023 to 07/01/2023 | West Zone | Govind Guru Tribal University, Banswara, Rajasthan             | Participation            |
| 11 | Hockey for Women       | 26/12/2022 to 30/12/2022 | West Zone | Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur, Rajasthan    | Participation            |
| 12 | Hockey for Men         | 20/01/2023 to 25/01/2023 | West Zone | ITM University, Gwalior  | Quarters                 |
| 13 | Cricket for Men        | 01/02/2023 to 10/02/2023 | West Zone | Pandit Deendayal Upadhyaya Shekhawati University, Sikar (Raj.) | Lost in Quarters         |
| 14 | Cricket for Women      | 10/03/2023 to 18/03/2023 | West Zone | KIIT Deemed to be University, Bhubaneswar, Odisha              | Pre-Quarters             |
| 15 | Power                  | 09/03/2023 to            | All India | Central University of  | Participation            |

|    |  |                          |                              |  |                 |
|----|--|--------------------------|------------------------------|--|-----------------|
|    | Lifting for Women                          | 12/03/2023               |                              | Himachal Pradesh, Dharamashala                               |                 |
| 16 | Football for Men                           | 19/12/2022 to 25/12/2022 | West Zone                    | Rani Durgavati Vishwavidyalaya, Jabalpur                     | Winner          |
| 17 | Football for Men                           | 08/01/2023 to 17/01/2023 | All India                    | University of Kota, Kota                                     | Participation   |
| 18 | Football for Women                         | 03/01/2023 to 08/01/2023 | West Zone                    | Lakshmibai National Institute of Physical Education, Gwalior | Winner          |
| 19 | Football for Women                         | 12/01/2023 to 17/01/2023 | All India                    | Lakshmibai National Institute of Physical Education, Gwalior | Participation   |
| 20 | Athletics for Men                          | 09/01/2023 to 12/01/2023 | South West Zone              | Tamil Nadu Physical Education and Sports University, Chennai | Participation   |
| 21 | Cross Country for Men                      | 12/2/2023                | All India                    | Presidency University, Bangalore                             | Participation   |
| 22 | Cross Country for Women                    | 12/2/2023                | All India                    | Presidency University, Bangalore                             | Participation   |
| 23 | Boxing for Men                             |                          | All India                    | Rothak/Odisha  | Event Cancelled |
| 24 | Khelo India University Games 2023 Judo Men | 31/05/2023 to 3/06/2023  | Khelo India University Games | BBD University, Lucknow                                      | Participation   |

#### Goa University Teams 2022-23: Names of Players and Officials

| SR NO | EVENTS                                   | Goa University Teams 2022-23<br>Names of Players and Officials  |
|-------|--|---|
| 1     | West Zone Inter University Kabaddi (MEN) | <b>Players:</b> Rahul Nagavat, Manjunath Makkrali, Rahul Jasawal, Baskar Jalmi, Ali AhmaedGoudi, Sagar Saroj, Rama Maulingkar, Laukik Rawool, Vaikunth Mapari, Chetan Konshikar, Samir Sawar, and Bharath Choudhary.<br><b>Officials:</b> Mr. Swapnil Baip, and Mr. Yashodhan Kharade |
| 2     | West Zone Inter University Badminton     | <b>Players:</b> Minino D'Souza, Chetan Magdum, Mrunal Bhatkande, Nadaf Hushain, Sahil Ahmed,  |



|   |  |  |
|---|--|--|
|   | (MEN)  | Smitesh Divekar.<br><b>Officials:</b> Mr. <u>Adarsh Gaonkar</u>  |
| 3 | West Zone Inter University Hockey (Womens)   | <b>Players:</b> Prajwala Harmalkar, Yukta Mahato, Aditi Naik, Diksha Chawdhari, Nikita Naik, Pavina Salgaokar, Aparna Naik, Riya Salgaonkar, Eulania Sequeira, Anuska Quadros, Sejal Parsekar, Santoshi Nagekar, SavitrikumariKumavat, Fiera Fernandes, Veena Naik, Elika D'Souza.<br><b>Officials:</b> Mr. Aviraj Keshav_Madgaonkar Ms. Geeta Santosh Rathod  |
| 4 | West Zone Inter University Hockey (MEN)      | <b>Players:</b> Sarang Honakhande, Sameer Yaligar, Godsun Rodrigues, Fayyaz Kambali, Ashutosh Narvekar, GauravKumar Singh, Gaurav Palyekar, Saurav Kambli, Issub Sayyed, Abhishek Pathak, Nishit Hegde, Shubham Sharma, Riyaz Kambali, Pravin Naik, Mylen Luis A D'Souza<br><b>Officials:</b> Mr. Victor Albuquerque, Lt.(Dr.) Sam Braganza.   |
| 5 | West Zone Inter University Volley ball (MEN) | <b>Players:</b> Pratik Pravin Dhawaskar, Vishnuprasad Mahesh Shetty, Satyam Bharat Sawant, Prayag Vishwas Sawant, Tejas Pandurang Gauns, Vithalraj Appa Gawas, Swayam Munna Singh, Aayush Anant Gadekar, Akash Gurudas Gaude, Prasad Ramkrishna Gawas, Yesh Suryakant Chodankar, Prabal Vishwas Sawant.<br><b>Officials:</b> Mr. Rama Dhawaskar and Mr. Avelino Pereira  |
| 6 | West Zone Inter University Football (Women)  | <b>Players:</b> Karen Estrocio, Khushboo V. Saundatkar, Jossel Mascarenhas, Flani Costa, Aaroshi R. Govekar, Rhea Pires, Tanvi D. Khedekar, Roanna Alviona Dias, Durva D Kharpalkar, Aniela Barretto, Rizella Cia Almeida, Alicia Suzy Fernandes, Aniksha D. Morajkar, Aqsa Sayed, Pushpa A. Parab, Joyvi Fernandes, Namita S. Govekar, Clency Miranda, Akshata A. Mahale and Donea Celia Fernandes.<br><b>Officials:</b> Mr.Collin Vaz, Mr. Worrel D'souza and Ms. Shubhali Gaunkar |
| 7 | West Zone Inter University Cricket (MEN)     | <b>Players:</b> K R Krishnanunni, Soham Panvalkar, Saniket Palkar, Prathamesh Naik, Pranav Salunkhe, Aryan Narvekar, Yuvraj Singh, Fardin Khan, ShalmonAmonkar, Sanath Nevagi, Anand Tendulkar, Sagar Vantamuri, Abhinandan Thakur, Neelang Naik, Anant Betkekar and Venktesh Verlekar.<br><b>Officials:</b> Mr.GaurangDhuri and Mr. Mandar Kadam.   |

|    |  |  |
|----|--|--|
| 8  | West Zone Inter University KHO KHO (MEN)         | <b>Players:</b> Swaraj Naik, Sandesh Gaokar, Mangesh Gaonkar, Abhijit Gaonkar, Kailas Velip, Shailesh Gaonkar, Viresh Gaonkar, Sajan Velip, Mayuresh Gaonkar, Pravin Gaonkar, Anish Gaonkar, Mallikarjun Masttar, Dharmaraj Hurlikuppa, Rahul Gaonkar,<br><b>Officials:</b> Dr. Savio Leitao Mrs. Caitano A. Clemento  |
| 9  | West Zone Inter University Cricket(women)        | <b>Players:</b> K R Krishnanunni, Soham Panvalkar, Saniket Palkar, Prathamesh Naik, Pranav Salunkhe, Aryan Narvekar, Yuvraj Singh, Fardin Khan, ShalmonAmonkar, Sanath Nevagi, Anand Tendulkar, Sagar Vantamuri, Abhinandan Thakur, Neelang Naik, Anant Betkekar and Venktesh Verlekar.<br><b>Officials:</b> Mr. Gaurang Dhuri, and Mr. Mandar Kadam   |
| 10 | West Zone Inter University Football (Men)        | <b>Players:</b> Arnold Oliveria, Jeniton D’Silva, Anuj Kuttikar, RuhaiChawan, Yeshwant Gawade, Sainath Kankonkar, Pratik Naik, Pushkar Prabhu, Atmaram Jadhav, Alent Colaco, Edson V. Souza, Kenny Rodrigues, Eknath Rathod, Stalen Lucas, Alino Colaco, Britto Pereira, Gaurish Naik, Aliston Fernandes, Siddhant Kalagutkar, Diptesh Naik.<br><b>Official:</b> Dr.Savio Fernandes, Dr. Ajith Gopi and Dr Savio Fernandes |
| 11 | West Zone Inter University Badminton (Women)     | <b>Players:</b> Sunidhi Milind Wader, Sunidhi Milind Wader, Rifa Moinuddin Shaikh, Prachi Prasad Salkar, Maithili Chandrakant Jadhav.<br><b>Officials:</b> Ms. Nikita Naik.  |
| 12 | West Zone Inter University Table tennis (Men)    | <b>Players:</b> SancalpKalangutkar , Amogh Bawachikar, Amol Kavlekar, Ashwin Kunkolikar, Shaswat Mapsekar<br><b>Officials:</b> Shubham C. LokreAnd Sunny R. Kanekar  |
| 13 | West Zone Inter University Table tennis (Women)  | <b>Players:</b> Prutha Prabhuparikar, Sanjana Naik,Anushka M, Arya Divekar, Aditi Chodankar<br><b>Officials:</b> Ms. Vaibhavi Chodankar and Mr Shaunak Pagi,   |
| 14 | South West Zone Inter University Athletics (MEN) | <b>Players:</b> Teddy D. Cardozo, Narendra Talguly, Sanket Kambli, Sai Parab, Divesh Gaude, Moses W. Mascarenhas<br><b>Officials:</b> Mr. Dinesh Patil,  |
| 15 | All India Inter University JUDO (MEN)            | <b>Players:</b> Akash M. Mardolkar, Mayur N. Mainikar, Suyash S. Shirke, Darshan S. Naik and Nikhil P. Parit<br><b>Officials:</b> Mr. ShivkaranKewat   |

|    |   |   |
|----|---|---|
| 16 | All India Inter University JUDO (Women)         | <b>Players:</b> Rucha Shet, Tanishka Shivolkar, Neha Naik, Kinal Mayekar, Jyoti Yadav and Iram Khatri.<br><b>Officials:</b> Mrs Riya Gavde , and Mr. Dewaraj Hirekurabar  |
| 17 | All India Inter University Mallakhamb (MEN)     | <b>Players:</b> Geetesh Velip, Lavdesh Velip, Tanvesh Velip and Sapnesh Gaonkar.<br><b>Officials:</b> Mr. Indrajit Gaonkar  |
| 18 | All India Inter University Cross Country MEN    | <b>Players:</b> Milfort Peixote, Babu Gaonkar, Narendra Talguly, Santosh Yedge, Teddy D. Cardozo and Aliston Fernandes<br><b>Officials:</b> Dr. Francis Lobo  |
| 19 | All India Inter University Cross Country WOMEN  | <b>Players:</b> Brunilda A. Andrade, Neha Gaonkar, Ankita Velip, Sapna Gaonkar and Siya Naik<br><b>Officials:</b> Dr. Rajan Mathew and Mrs. Melinda Pereira.  |
| 20 | All India Inter University Powerlifting (Women) | <b>Players:</b> Sakshi Haldankar, Nikita Betkikar, Shradha Kambli, Hamisha Kuttikar, Aapurva Vaingankar, Aditi Fadte, Iram Khatri, Agnes Fernandes.<br><b>Officials:</b> Ms. Viola Rodrigues and Mr. Andrew Gomes   |
| 21 | All India Inter University Football (Women)     | <b>Players:</b> Karen Estrocio, Khushboo V. Saundatkar, Jossel Mascarenhas, Flani Costa, Aaroshi R. Govekar, Rhea Pires, Tanvi D. Khedekar, Roanna Alviona Dias, Durva D Kharpalkar, Aniela Barretto, Rizella Cia Almeida, Alicia Suzy Fernandes, Aniksha D. Morajkar, Aqsa Sayed, Pushpa A. Parab, Joyvi Fernandes, Namita S. Govekar, Clency Miranda, Akshata A. Mahale and Donea Celia Fernandes.<br><b>Officials:</b> Mr. Milton Fernandes, Mr. Worrel D'souza and Ms. Shubhali Gaonkar |
| 22 | West Zone Inter University Football (Men)       | <b>Players:</b> Arnold Oliveria, Jeniton D'Silva, Anuj Kuttikar, Ruhul Chawan, Yeshwant Gawade, Sainath Kankonkar, Pratik Naik, Pushkar Prabhu, Atmaram Jadhav, Alent Colaco, Edson V. Souza, Kenny Rodrigues, Eknath Rathod, Stalen Lucas, Alino Colaco, Britto Pereira, Gaurish Naik, Aliston Fernandes, Siddhant Kalagutkar, Diptesh Naik.<br><b>Official:</b> Dr. Savio Fernandes, Dr. Ajith Gopi and Dr Savio Fernandes  |
| 23 | Khelo India University Games Judo -Men          | <b>Players:</b> Nikhil P. Parit<br><b>Officials:</b> Mr. Shivkaran Kewat,   |
| 24 | Vizy Trophy 2022-2023                           | <b>Players:</b> Mr. Soham Palvankar (Selected to represent West Zone University Cricket team in BCCI Vizy Trophy 2022-2023)   |

### Other Events

| Sr. No. | Event                        | Date       | Approx.Participants |
|---------|------------------------------|------------|---------------------|
| 1       | Unity Run                    | 31/11/2022 | 68                  |
| 2       | Goa University Marathon 2022 | 18/12/2022 | 700                 |

**Shri Balachandra B. Jadar**

**Asst. Director of Physical Education & Sports**

#### 4.4 U.G.C. HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

The UGC- Human Resource Development Centre (HRDC) is an outcome of the National Education Policy (NEP) in 1986. The UGC-HRDC was established with the objective to act as an agency to bring about changes and development in education. The NEP in its programme of action, makes a pointed reference to the crucial link between teacher motivation and quality of education. Since teachers occupy a key position in the education system, the quality, competence, and character of teachers are of utmost importance. They influence the standard of education and thus contribute to national development through meaningful study and research.

The UGC-HRDC at Goa University has been conducting Orientation Courses (Faculty Induction Programmes) since its establishment in February 1988. In addition to Faculty Induction Programmes, Refresher Courses, and Short Term Courses, the UGC-HRDC has been regularly organizing Seminars/Conference/Interaction Programme/Meets and other academic activities. Thirty-Four Programmes were held from June 2022 to May 2023, out of which 31 were held online, 2 offline, and 1 in Hybrid Mode.

In keeping with the recent advances in Information Technology, the UGC has given a major thrust to IT and its applications. Due to the pandemic, the Refresher Courses/Faculty Induction Programmes and the Short Term Courses were held online. A webinar was held on Yoga and Personality Development (Online) and Workshops on NEP 2020 were also held online, besides this, one workshop: Equity and Inclusion was held in Hybrid mode.

UGC-HRDC at Goa University has completed the 117th Faculty Induction Programmes (GURU - DAKSHTA) and Refresher Courses catering 4042 and 6378 participants respectively. During the year 2022-23 the UGC-HRDC, conducted four Faculty Induction Programmes (GURU - DAKSHTA), Seven Refresher Courses in the subjects of Chemical Sciences, Commerce/Management, Economics, Environmental Science, Life Sciences (Inter-disciplinary), English (Inter-disciplinary) & Political Science. Seven Short Term Courses in Yoga/Spiritual Values, MOOCS (e-content development and open educational resources),

Waste Management, Research Methodology, Ecotourism, Human Rights and Conflict Management, Coastal Tourism and Environment were held. Two Training Programmes were also held on Academic Administration for Group B and C Staff. One Webinar was conducted on Yoga and Personality Development, and 13 Workshops on NEP 2020 were held in online mode. Continuous improvements were made by receiving feedback from participants and resource persons. Varied pedagogy was used and hands-on training sessions in IT were conducted by experts. The courses were well attended and appreciated by participants.

**Refresher Courses/Faculty Induction Programmes/Short Term Courses/Others  
conducted in June 2022 to May 2023**

| Sr. No. | Courses Conducted                                       | From       | To         | Number of Participants |        |       |
|---------|---|------------|------------|------------------------|--------|-------|
|         |   |            |            | Male                   | Female | Total |
| 1       | Webinar on Yoga and Personality Development (Online)    | 10.06.2022 | 10.06.2022 | 17                     | 37     | 54    |
| 2       | Short Term Course in Yoga and Spiritual Values (Online) | 15.06.2022 | 21.06.2022 | 16                     | 9      | 25    |
| 3       | RC in Chemical Sciences (Online)                        | 26.07.2022 | 08.08.2022 | 29                     | 11     | 40    |
| 4       | RC in Commerce/ Management (Online)                     | 20.09.2022 | 03.10.2022 | 23                     | 17     | 40    |
| 5       | RC in Economics (Online)                                | 01.11.2022 | 14.11.2022 | 18                     | 07     | 25    |
| 6       | RC in Environmental Sciences (Online)                   | 24.11.2022 | 08.12.2022 | 13                     | 16     | 29    |
| 7       | RC in Life Sciences (Inter-disciplinary) (Online)       | 10.01.2023 | 23.01.2023 | 16                     | 23     | 39    |
| 8       | RC in English (Inter-disciplinary) (Online)             | 02.02.2023 | 15.02.2023 | 22                     | 17     | 39    |
| 9       | RC in Political Science (Online)                        | 01.03.2023 | 15.03.2023 | 14                     | 10     | 24    |

|    |   |   |            |    |    |    |
|----|---|---|------------|----|----|----|
| 10 | Training Program on Academic Administration (Offline)                       | 20.07.2022                              | 22.07.2022 | 18 | 17 | 35 |
| 11 | STC MOOCS, e-content development and open Educational Resources             | 11.08.2022                              | 18.08.2022 | 17 | 10 | 27 |
| 12 | Training Programme for Group B & C (Offline)                                | 14.09.2022                              | 16.09.2022 | 08 | 13 | 21 |
| 13 | STC on Waste Management (Online)  | 06.10.2022                              | 12.10.2022 | 19 | 17 | 36 |
| 14 | STC on Research Methodology (Online)  | 16.11.2022                              | 22.11.2022 | 24 | 12 | 36 |
| 15 | STC on Ecotourism (Online)  | 17.01.2023                              | 23.01.2023 | 12 | 15 | 27 |
| 16 | STC on Human Rights and Conflict Management (Online)                        | 21.02.2023                              | 27.02.2023 | 14 | 10 | 24 |
| 17 | STC on Coastal Tourism and Environment (Online)                             | 08.03.2023                              | 14.03.2023 | 12 | 8  | 20 |
| 18 | 114 <sup>th</sup> FIP (GURU - DAKSHTA) (Online)                             | 19.07.2022                              | 23.08.2022 | 12 | 16 | 28 |
| 19 | 115 <sup>th</sup> FIP (GURU - DAKSHTA) (Online)                             | 13.09.2022                              | 18.10.2022 | 11 | 10 | 21 |
| 20 | 116 <sup>th</sup> FIP (GURU - DAKSHTA) (Online)                             | 08.11.2022                              | 13.12.2022 | 10 | 21 | 31 |
| 21 | 117 <sup>th</sup> FIP (GURU - DAKSHTA) (Online)                             | 31.01.2023                              | 08.03.2023 | 11 | 10 | 21 |
| 22 | Workshop on NEP 2020: Pursuing two Academic courses simultaneously (Online) | On 29.06.2022 from 11:00 am to 12:00 pm |            | 38 | 58 | 96 |

|    |   |  |            |    |     |     |
|----|---|--|------------|----|-----|-----|
| 23 | Workshop on NEP 2020: Internationalization of Higher Education (Online) | On 29.06.2022 from 12:00 pm to 1:00 pm |            | 38 | 58  | 96  |
| 24 | Workshop on NEP 2020: Academic Bank of Credit (ABC) (Online)            | On 30.06.2022 from 2:00 pm to 3:00 pm  |            | 27 | 44  | 71  |
| 25 | Workshop on NEP 2020: Multiple Entry and Exit (Online)                  | On 30.06.2022 from 3:00 pm to 4:00 pm  |            | 27 | 44  | 71  |
| 26 | Workshop on NEP 2020: Technology use and Integration (Online)           | 29.08.2022                             | 29.08.2022 | 70 | 106 | 176 |
| 27 | Shikshak Parv. NEP 2020: Changing Role of Teachers (Online)             | 09.09.2022                             | 09.09.2022 | 32 | 79  | 111 |
| 28 | NEP 2020 : Global Outreach of Higher Education (Online)                 | 19.09.2022                             | 19.09.2022 | 46 | 24  | 70  |
| 29 | NEP 2020: Research, Innovation and Rankings (Online)                    | 14.11.2022                             | 14.11.2022 | 38 | 91  | 129 |
| 30 | NEP 2020: Integrated Higher Educational System (Online)                 | 09.12.2022                             | 09.12.2022 | 15 | 20  | 35  |
| 31 | NEP 2020: Multidisciplinary and Holistic Education (Online)             | 13.01.2023                             | 13.01.2023 | 18 | 34  | 52  |
| 32 | NEP 2020: Promotion of Indian Knowledge System (Online)                 | 17.02.2023                             | 17.02.2023 | 83 | 67  | 150 |
| 33 | NEP 2020: Languages, Culture and Values (Online)                        | 15.03.2023                             | 15.03.2023 | 63 | 57  | 120 |

|    |  |            |              |            |             |             |
|----|--|------------|--------------|------------|-------------|-------------|
| 34 | NEP 2020: Equity and Inclusion (Hybrid Mode) | 28.03.2023 | 28.03.2023   | 33         | 34          | 67          |
|    |  |            | <b>Total</b> | <b>864</b> | <b>1022</b> | <b>1886</b> |

**Prof. Purva G. Hegde Desai**  
**I/C Director, HRDC**

#### **4.5 HOSTEL ACTIVITIES**

##### **a. Activities in the Men’s Hostel from June 2022 to May 2023:**

Goa University provides hostel facilities for men as well as women students on the University campus. Accommodation at the University Hostels is given to students who have enrolled for post-graduate programmes and research students at the University campus.

##### **Activities conducted during the period from June 2022 to May 2023: -**

- A cleanliness drive was conducted on 2<sup>nd</sup> October 2022 with major participation of hostel resident students in the presence of Hostel staff, Warden, and Chief Warden

##### **Facilities:**

- Mess
- WiFi Internet connectivity
- TV Room
- Sports (Carom, Table Tennis, Badminton and Volleyball)
- Bus service during the term on working days at select times to and from Departments

##### **Additional facilities provided during the year 2022-23**

- Two refrigerators were provided in the Men’s Hostel – I for the daily usage of ICCR/ Foreign students.

**Chief Warden, Men’s Hostel: Prof. Nilesh Borde**

**Warden, Men’s Hostel: Mr. Abhinay P. Pai**

##### **b. Activities in Women’s Hostel (2021 – 2022)**

The Goa University Women’s Hostel provides accommodation to students who have enrolled in various graduate, post-graduate and research programmes in Goa University.

##### **Activities conducted during the period from June 2022 to May 2023:**

A cleanliness drive was conducted on 2<sup>nd</sup> October 2023 with a major participation of hostel students, Warden and hostel staff.



**Facilities provided:**

- ❖ Mess
- ❖ Wifi Internet connectivity
- ❖ TV room
- ❖ Sports (Table Tennis)
- ❖ Bus service during the term on working days at particular timings from Hostel to Departments and vice versa.
- ❖ 5 Washing machines were provided to students.

**Mrs. Maya M. Naik**  
**Warden, Women's Hostel**

**Dr. Priya M. D'Costa**  
**Chief Warden, Women's Hostel**

#### **4.6 HEALTH CENTRE**

The Goa University Health Centre is the basic primary health centre situated on the premises of the Goa University Campus. The Health Centre has one female Doctor and a female Nurse. It is barely 5 minutes away from the most advanced super speciality, the tertiary health centre of Goa, the Goa Medical College on its right side, and the most advanced private hospital Manipal Goa, Dona Paula on its left side. Situated on the National highway next to the Gymnasium, opposite the post office.

The 108 Ambulance service is stationed at the health centre for emergencies from the University and the surrounding villages. The Health Centre comprises of following facilities: Ramp access for the disabled, a patient examination room, the treatment room, a pantry, an observation room, and western toilets.

**Activities Conducted:**

- August 2022: A health and Diet talk was organised in association with Nina Figueredo.
- November 2022: Breast cancer screening camp for women over 18 years in association with PHC Chimbel. Altogether 26 ladies were examined and 1 was referred to GMC for further investigation

**Services and Facilities provided by the Health Centre include** Routine and emergency health consultation; Emergency management; Injections and dressings of wounds; Tetanus Vaccinations; Nebulisation; Blood Glucose detection; Mental Health counselling; Mental

health emergencies management; Health camps and health education; Issuing certificates of sickness and fitness; Issuing fitness certificates for hostel fitness, swimming fitness, and driving license; Provides health cover during sports events; Prevention of vector borne disease in association with Estate Division and Primary Health Centre, Chimbel .

#### 4.7 ESTATE MANAGEMENT

##### a. Activities under the Engineering/Technical Services Division

- Construction, development under new projects, associated works, and major maintenance work (civil and electrical, renovation/ repairs including painting) of the University buildings
- Major Renovation and rehabilitation work of existing buildings
- Construction/ maintenance of internal roads
- Establishment, maintenance, and distribution of water/ electricity supply/ sewage system
- Safety of University buildings, extensions to existing structures/ premises
- Manage matters related to University land
- Convene the meetings of the Building Committee and record proceedings for further action

##### b. Activities under the Estate Administration and Allied Services Section

- Housekeeping services to maintain cleanliness in the University buildings and premises including garbage collection keeping in mind the Swachh Bharat action plan
- Horticulture/gardening and landscaping, making and installing signages
- Control of wildfire and other fire-related matters
- Disinfestation/ anti-termite treatment of university buildings
- Maintenance of furniture, water purifiers, incinerators, solid waste management plant
- Security provisions at various places including the use of electronic surveillance systems on the campus and elaborate security arrangements during strikes/ agitations
- Maintenance and operation of University vehicles
- Arrangements during Convocation and other functions
- Allotment of residential quarters, booking of conference halls and meeting rooms
- Leasing out University premises and timely collection of rent and other utility charges
- Convene the meetings of the campus amenities committee, and security committee for further action.

| Project undertaken from June 2022 to May 2023 |                  |                           |                      |                |
|---|------------------|---------------------------|----------------------|----------------|
| A) CIVIL                                      |                  |                           |                      |                |
| Sr. No  | Name of the work | Quoted Amount (Excl. GST) | Date of Commencement | Status of Work |

|   |   |                |            |           |
|---|---|----------------|------------|-----------|
| 1 | Construction of Lecture halls for the commerce faculty block F at Goa University  | 2,83,49,974.65 | 23-10-2020 | Completed |
| 2 | Repairs and Renovation of C-type Quarters at Goa University   | 1,36,05,294.00 | 15-10-2020 | Completed |
| 3 | Repairs and Renovation works at Faculty block C, CLAS building, IMBA Dept, ADMN building, Computer Science Dept, Konkani Dept. and Botany Dept.   | 54,46,071.56   | 28-12-2021 | Completed |
| 4 | Work of Repairs of damaged roofs caused due to cyclone TAUKTAE to various buildings such as the Library, Faculty Block A,B,C HRDC, IMBA, Changing room of Outdoor Stadium and Old Boys Hostel(B-Wing) | 36,03,325.00   | 24-12-2021 | Completed |
| 5 | Setting up laboratories of Centre for excellence, Marine Microbiology at the basement of Science Faculty Block E  | 10,99,303.35   | 05-01-2022 | Completed |
| 6 | Improvement and widening of faculty Ring Road connecting from library circle and SBI circle   | 80,35,000.00   | 24-12-2021 | Completed |
| 7 | Construction of New Internal road and improvement of Internal road & parking areas  | 70,90,746.00   | 04-01-2021 | Completed |
| 8 | Work of Minor repairs and restoration and painting of various faculty blocks and hostels at the University campus   | 25,35,750.00   | 31-03-2022 | Completed |
| 9 | Repairs and restoration of the roof of the men's hostel-II wing   | 32,43,000.00   | 14-05-2022 | Completed |

|                      |  |                         |            |             |
|----------------------|--|-------------------------|------------|-------------|
| 10                   | Repairs and restoration of the roof of A/B type bldg -Phase 1  | 75,41,960.00            | 12-05-2022 | Completed   |
| 11                   | Setting up of Bio Incubator facility in Faculty Block E  | 2,46,12,614.00          | 06-04-2022 | Completed   |
| 12                   | Repair and Restoration of D-19 & D-20 Quarters located near the old guest House  | 12,12,450.00            | 14-05-2022 | Completed   |
| 13                   | Repair and restoration of roof and other work at the School of International and Area Studies  | 35,84,520.46            | 20-05-2022 | Completed   |
| 14                   | Annual Operation And maintenance of STP And Sewage Pumping stations and maintenance & repair of water supply and sewerage network in the university campus during FY 2021-2022 | 42,25,781.80            | 01-06-2023 | Completed   |
| 15                   | Repairs and Renovation of Men's Hostel-III   | 1,46,74,942.25          | 20-05-2023 | In progress |
| 16                   | Construction of Building for the School of Physical and Applied Sciences   | 18,14,54,261.35         | 23-02-2023 | In progress |
| 17                   | Construction of Internal Service Road Connecting Faculty Block E To Faculty Block F (GBS)  | 55,37,521.00            | 27-05-2023 | In progress |
| 18                   | Construction of Building for Computer Science Block in Goa Business School   | 10,26,61,414.00         | 24-07-2021 | In progress |
| <b>B) ELECTRICAL</b> |  |                         |            |             |
| 19                   | Repair and replacement of defective spares for VRV cassette ACs installed in Block E in Goa University   | 85,92,984.00<br>i/c GST | 07-01-2023 | Completed   |
| 20                   | Providing electrical cabling for the VRV air conditioners (ODUs) installed in Block E at Goa   | 12,86,706.00            | 20-01-2023 | Completed   |

|    |   |              |            |             |
|----|---|--------------|------------|-------------|
|    | University  |              |            |             |
| 21 | Annual maintenance contract for repair and servicing of split Air-conditioners installed in various buildings located at the Goa University campus. | 30,46,280.00 | 26-04-2023 | In progress |
| 22 | Supply of Electrical materials for maintenance of electrical installations at Goa University Campus.  | 23,73,490.00 | 18-01-2023 | In progress |

#### 4.8 WORKSTATION FOR MICRODATA FROM CENSUS

The initiative to host the Census Microdata Workstation was taken by Goa University in response to the invitation received from the Director of Census Operations. The Memorandum of Understanding (MOU) for setting up the workstation was signed by the Joint Director, Directorate of Census Operations, Goa Registrar, Goa University, and the workstation was established in the Goa University Library building.

The objective of setting up a microdata station was to promote research in academic institutions and permit qualified researchers to optimum use of anonymized sample microdata from the census for in-depth research. Workstation enables the researchers to have access to microdata that is not published by the census.

Further to enhance the usage of Census Data and the Workstation, a workshop was conducted on February 02, 2023 “On use of Census Data” to highlight the facilities and usage of data pertaining to Census of India available with Directorate of Census Operations, Government of India. New Delhi.

In the first session Shri. K. V. R. Rao, Deputy Director, Directorate of Census Operations, Goa discussed in brief about the Census of India and The National Population Register (NPR) and highlighted its importance to the Indian citizens.

The second session was conducted on ‘Work Participation’ by Shri. Jogendra B. Tamgadge, Assistant Director, DCO, Directorate of Census Operations, Goa and gave a detail knowledge of work station available for students and research scholars for their academic pursuit.

The third session on ‘Fertility’ was conducted by Kum. Kiran Savan, Statistical Investigator Gr. I) Directorate of Census Operations, Goa and the last session was conducted on ‘Migration’ by Shri. Maruti J. Sulebhavi, Statistical investigator Gr. I with graphs and charts.

The participants include Students, Research Scholars and Teaching faculties of Goa University and affiliated Colleges of Goa.

**Prof. Pranab Mukhopadhyay, GBS - Chairperson**

**Dr. Carlos M. Fernandes. LIS Programme – Member Secretary**

#### **4.9 UNIVERSITY SCIENCE AND INSTRUMENTATION CENTRE (USIC)**

University Science Instrumentation Centre (USIC) is a central instrumentation facility of the university consisting of Electronics, Mechanical, and Glass Blowing workshops managed by faculties, officers, and trained technicians. The work undertaken by USIC can be broadly classified as

- Analytical services for sophisticated instruments,
- Maintenance of equipment of Language and Science Laboratory,
- Fabrication of teaching aids,
- Development of new instruments

Recently Scanning Electron Microscope (SEM) has been installed at USIC. This facility can be used for Image morphology of samples, Image compositional and some bonding differences, micro- and nano-lithography and etc.

The centre also offers UGC approved B.VOC program in Electronics, Instrumentation and Computer Networking, to provide skill-based education under National Skill Qualifications Framework (NSQF). The aim is to enable a person to acquire desired competency levels via multiple pathways, within vocational education and vocational training, transit to the job market and, at a reasonable time, return for acquiring additional skills to upgrade their competencies.

##### **Facilities:**

- Carl-Ziess Scanning Electron Microscope (SEM),
- EDAX facility,
- High Vacuum Pump station,
- High Temperature Furnaces,
- Milling Machine, Lathe Machine,
- Drilling Machine, etc.

##### **Activities Conducted:**

##### **Activity 1: ATAL FDP on Imaging Spectroscopy and Machine Learning**

**Date: 9th to 21st January 2023**

The Faculty Development Programme was organized from 09th to 20th January 2022 by the University Science Instrumentation Centre under the School of Physical and Applied Sciences, Goa University. In these two weeks of the Faculty Development Programme various related topics based on Imaging Spectroscopy and Machine learning were discussed

and deliberated by renowned resource persons in these areas. The FDP was financially supported by AICTE Training and Learning Academy. A total of 45 Participants registered for the programme from the electronics and computer science background. They comprised faculties, Ph.D. student and postgraduate students from Goa and other states such as Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, Puducherry, and Delhi. The two weeks of FDP were conducted in two phases. The phase I of this programme was conducted in an online mode from 9th to 14th January 2023 and the lectures of these session were scheduled from 7:00 pm to 9:30 pm as per IST. While phase II of this programme was conducted in offline mode from 16th to 20th January 2023. The offline week was mainly based explaining the theory and practical hand-on using Matlab and Python.

**Highlights of the activity:**

- Insight on recent trends in Imaging Spectroscopy and Machine Learning
- Industrial visits.
- Visit to nearby Institute of National Importance.
- Focus on Emerging research areas in Imaging Spectroscopy and Machine Learning Hands on sessions in demonstrating the cases study in the thematic area.
- Analysis & reflection of quality research journal articles in the proposed field.
- Session on National Education Policy (NEP) 2020 Implementation.
- Session on Indian values & ethos, Classroom conduct & behaviour (teaching learning psychology) Sessions on Life Skills such as time and stress management Sessions on Research Methodology for upcoming researchers

**The speakers/ Faculty for the FDP are as follows:**

1. Prof. Raghavendra Ramachandra, Professor, Department of Information Security and Communication Technology, Faculty of Information Technology and Electrical Engineering, Gjøvik, Norway
2. Prof. G. M. Naik, Professor of High Academic Grade in Electronics, Former Dean of Natural Sciences, Goa University
3. Dr. Lokesh C. Tribedi, (Group Leader), Full Professor (H), Department of Nuclear and Atomic Physics, Tata Institute of Fundamental Research, Mumbai, India
4. Dr. Rajesh Kushawaha, Assistant Professor, Scientist, Physical Research Laboratory Ahmedabad
5. Prof. Vithal Tilvi, Professor, Research, Development & Innovation Goa State Higher Education Council, DHE, Goa
6. Dr. Kiran Raja, Associate Professor, Department of Computer Science, Faculty of Information Technology and Electrical Engineering, Gjøvik, Norway
7. Dr. Pankaj Wasnik, Principal Research Scientist, Sony Research India Pvt. Ltd., Bengaluru, India
8. Dr. Anil Rane, Assistant Professor, Institute of Psychiatry & Human Behaviour, Government of Goa
9. Prof. Rajendra Gad, Vice- Dean, School of Physical and Applied Sciences, Goa University

10. Dr. Narayan Vetrekar, Assistant Professor, School of Physical and Applied Sciences, Goa University

**Dr. Narayan Vetrekar,  
Coordinator, USIC**

#### **4.10 REMOTE SENSING LABORATORY**

A Remote Sensing Laboratory has been established with financial assistance from the Indian Space Research Organisation (ISRO). The facilities of the laboratory include hardware consisting of five computers and software necessary for image processing. Image processing package such as ERDAS IMAGINE has been procured. Different PG-level programmes at the departments of the University have a component on the use of remote sensing techniques. This laboratory facilitates resources, and provides training to the students who opt for such a course on remote sensing or plug a component in their research thereby building the country's need for trained manpower in this field. The laboratory is also being used for the sponsored projects work funded by different agencies like Naval Research Bard, Space Applications Centre, Space Physics Laboratory of VSSC, ISRO and Indian National Centre for Ocean Information Service of MoES, etc

**Prof. Harilal Menon**

#### **4.11 DAYCARE CENTRE**

The University Day Care Centre (DCC), located at B-25/1 Qtr. on the University campus, is a facility to benefit the University's staff. The Centre is open for use of all University employees' children between 6 months to 6 years. The regular functioning of the DCC is looked after by one teacher and one Aaya, and the DCC committee manages the centre. The Centre is open from 9:30 am to 5:45 pm on all working days. Facilities like Kitchen, Refrigerator, Washing Machine, Activity room, and a small children's park are available. Children are admitted to the DCC with a subscription amount of Rs. 1500/- p.y. Application including the yearly subscription can be made online. The 12 children availed of the DCC facility.

**Activities Conducted:** A birthday celebration for children was conducted.

#### **4.12 GUEST HOUSE**

The University has two guest houses, the Main Guest House and the International Guest House, located on its green campus overseeing the scenic beauty:

The accommodation is mainly meant for the guests of the University either invited or attending the programmes at the University campus.



**Accommodation at a Glance:**

| <b>Guest House</b>        | <b>No. of Air-Conditioned Rooms (&amp; Beds)</b> | <b>No. of Non-Air-Conditioned Rooms (&amp; Beds)</b> |
|---------------------------|--|--|
| Main Guest House          | 13 (26)  | 33 (100)   |
| International Guest House | 24 (30)  | 2 (2)  |

**4.13 STUDY INDIA PROGRAMME (SIP)**

During the year 2022-2023, the Students of the College of International Relations, Nihon University, Japan had not Visited Goa University under the Study India Programme.

**Prof. Ganesha Somayaji**  
**Academic Coordinator, Study India Programme**

## PART 5

# AFFILIATED COLLEGES & RECOGNISED INSTITUTIONS

## 5A GENERAL EDUCATION COLLEGES/INSTITUTES

1. DCT's Dhempe College of Arts and Science, Miramar, Panaji
2. CES's Parvatibai Chowgule College of Arts and Science, Margao
3. St. Xavier's College of Arts, Science and Commerce, Mapusa
4. Carmel College of Arts, Science and Commerce for Women, Nuvem, Salcete
5. DCT's S. S. Dempo College of Commerce & Economics, Cujira, Bambolim
6. M. E. S.'s Vasanti Joshi College of Arts & Commerce, Zuarinagar
7. V. V. M's Shree Damodar College of Commerce & Economics, Margao
8. Dnyanprassarak Mandal's College & Research Centre, Assagao
9. Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda
10. P.E.S.'s Ravi S. Naik College of Arts & Science, Farmagudi, Ponda
11. Cuncolim Educational Society's College of Arts and Commerce, Cuncolim
12. Government College of Arts, Science and Commerce, Sanquelim
13. Goa College of Home Science, Campal, Panaji
14. Government College of Arts, Science and Commerce, Quepem
15. Govt. College of Arts, Science & Commerce, Khandola, Marcela
16. Rosary College of Commerce & Arts, Navelim, Salcete
17. Fr. Agnel College of Arts & Commerce, Pilar – Goa
18. Saraswat Education Society's Sridora Caculo College of Commerce and Management Studies, Mapusa
19. DPM's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona
20. Sant Sohriobanath Ambiyee College of Arts and Commerce, Virnoda, Pernem
21. Narayan Zantye College of Commerce, Bicholim
22. Don Bosco College, Panjim
23. Government College of Commerce and Economics, Borda, Margao
24. Goa College of Hospitality and Culinary Education, Cidade de Goa, Vainginim
25. Mandre College of Commerce, Economics and Management, Pernem
26. Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim

27. Sateri Pisani Education Society's Shri. Gopal Gaonkar Memorial Goa Multi-Faculty College Dharbandora
28. Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda
29. St. Joseph Vaz College, Cortalim
30. Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa
31. Kamaxi College of Culinary Arts, Verna

## **5B PROFESSIONAL COLLEGES / INSTITUTIONS**

1. Goa College of Agriculture
2. Goa College of Pharmacy, Panaji
3. Nirmala Institute of Education, Altinho, Panaji – Goa.
4. Goa College of Engineering, Farmagudi Ponda
5. Goa College of Art, Altinho, Panaji
6. V. M. Salgaocar College of Law, Miramar Panaji- Goa
7. V. V. M's Govind Ramnath Kare College of Law, Margao
8. Goa Dental College and Hospital, Bambolim
9. Institute of Psychiatry and Human Behaviour, Bambolim
10. Goa College of Architecture
11. Goa College of Music, Altinho, Panaji
12. J. D. Institute of Fashion Technology, Panaji
13. Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda
14. Goa Vidyaprasarak Mandal's Dr. Dada Vaidya College of Education, Ponda
15. Institute of Nursing Education, Bambolim
16. Padre Conceicao College of Engineering, Verna, Goa
17. Shivgram Education Society's Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda
18. Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda
19. P. E. S. College of Education, Farmagudi, Ponda
20. P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda
21. Vrundavan Institute of Nursing Education, Colvale
22. Don Bosco College of Engineering, Fatorda, Margao

23. Agnel Institute of Technology and Design, Assagao, Bardez
24. Sai Nursing Institute, Sankhali
25. V. M. Salgaocar Institute of International Hospitality Education
26. Harmal Panchakroshi Shikshan Mandal's Ganpat Parsekar College of Education  
Harmal-Goa.
27. Ramanata Crisna Pai Raikar School of Agriculture, Savoi-Verem
28. Kala Academy Goa's College of Theatre Arts, Campal, Panaji
29. All India Institute of Ayurveda, Dhargal, Pernem
30. Goa Medical College, Bambolim

### **5C RECOGNISED INSTITUTIONS**

1. CSIR-National Institute of Oceanography, Dona-Paula
2. Fisheries Survey of India, Government of India, Mormugao
3. Xavier Centre of Historical Research, Alto Porvorim
4. ICMR-National Institute of Malaria Research, Field Unit, Campal, Panaji
5. Thomas Stephens Konknni Kendr, Porvorim
6. Directorate of Archives & Archaeology, Panaji
7. Earth System Science Organisation- National Centre for Polar & Ocean Research,  
Headland Sada, Vasco-da-Gama

## 5A. GENERAL EDUCATION COLLEGES/INSTITUTIONS

### 5A.1 DCT's Dhempe College of Arts and Science, Miramar, Panaji

**Year of Establishment:** 1962

**College Address:** DCT's Dhempe College of Arts and Science, Miramar, Panaji-Goa.

**Principal's Details:**

**Name:** Prof. Vrinda Borker

**Contact No:** 9822129669 /08322461507

**Email:** [vrindaborker@dhempecollege.edu.in](mailto:vrindaborker@dhempecollege.edu.in) / [principal@dhempecollege.edu.in](mailto:principal@dhempecollege.edu.in)

**College website:** <https://www.dhempecollege.edu.in>

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle | Grade | GPA  | Year of Accreditation | Validity Period   |
|-------|-------|------|-----------------------|-------------------|
| 1st   | B+    | 79   | 2003                  | from 2003 to 2008 |
| 2nd   | A     | 3.12 | 2010                  | from 2010 to 2015 |
| 3rd   | A     | 3.20 | 2015                  | from 2015 to 2020 |
| 4th   | A     | 3.01 | 2022                  | from 2020 to 2027 |

**Courses offered, sanctioned and filled strength:** BA, BSc, MSc (Chemistry)

| Course Offered       | Sanctioned Strength |         | Filled Strength |         |
|----------------------|---------------------|---------|-----------------|---------|
|                      | Entry level         | (Total) | Entry level     | (Total) |
| B.A                  | 540                 | 540     | 502             | 502     |
| B.Sc                 | 528                 | 528     | 441             | 441     |
| B.Sc (Biotechnology) | 123                 | 123     | 108             | 108     |
| MSc (Chemistry)      | 76                  | 76      | 68              | 68      |

**Research Centre, If any:** As part of Cluster of Colleges.

**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:** 02 ongoing Ph.D. under Cluster of Colleges Research Center

**Any new course(s) started:** Nil

**Faculty strength:**

- 1) 53 (Full time/Regular including Director of Physical Education and Librarian)
- 2) 27 (Contractual) [not less than 11 months]
- 3) 24 (Lecture basis) [not less than 11 months]

**Achievements of the College:**

- The institution was awarded the DBT Star College Scheme on 18th November 2022 in recognition of its academic and research potential to strengthen science education and training at the undergraduate level.
- NAAC Accreditation 4th cycle the institution achieved an A grade (3.01)
- ISO 9001:2015 certification -URS
- The College was awarded with Green Certification Level III GSCP-1-2010
- The Institution's Innovation Council was awarded with 03 stars 2022 by MHRD's IIC.
- India Today Survey 2021-2022, 91st among the Arts Colleges of India and 102nd among the Science Colleges of India
- 07 Memorandum of Understanding were signed to strengthen academic-industry and academic-research interface with:
  - 1) Vanillakart
  - 2) Cyber wellness Centre
  - 3) BITS-Pilani Goa Chapter
  - 4) Vergo Pharma
  - 5) Unichem Laboratories Ltd.
  - 6) TechXcl India Pvt. Ltd.
  - 7) Ashawadi Prakashan

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs one lakh)**

| Sr. No. | Name of Investigator/s   | Project Title   | Date of Sanction and duration       | Funding Agency        | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|--|---|-------------------------------------|-----------------------|----------------------|--|
| 1)      | Prof. Vrinda Borker,<br>Ms. Manisha Mhalsekar,<br>Dr. Bhanudas Naik (DCT's Dhempe College of Arts and Science)<br>Prof. Narendra Nath Ghosh<br>(K.K. Birla | Development of New and Novel Nanostructured Materials which can be used as Efficient Electrocatalysts for the production of H <sub>2</sub> and O <sub>2</sub> from Water in a | 20/02/2023<br>(Four years duration) | Dempo Charities Trust | 34,21,200            | Sanctioned                                     |

|    |                               |  |   |   |             |            |
|----|-------------------------------|--|---|---|-------------|------------|
|    | Goa Campus)                   | cost-effective Process and Sensor for the Detection and Estimation of Mercury and Dopamine |   |   |             |            |
| 2) | Dr. Trupti Jadhav             | Freshwater fish diversity in Protected Areas of Goa  | 1 year (extended till 15th November 2023) | Forest Department, Govt. of Goa   | 5,00,000    | Sanctioned |
| 3) | Dr. Miskil Naik (Coordinator) | DBT Star College Scheme  | 18-10-2023                                | Government of India, Ministry Science & Technology, Department of Biotechnology | 1,20,41,263 | Sanctioned |

### Conferences/Workshops Organized (Nos. only)

- International Level: 01
- National Level: 05
- State Level: 06

### Details of International Conferences/Workshops/ Webinars organized:

#### A. International Webinars

An **International webinar on ‘Innovations and Applications in Materials Chemistry’** was organized by the Department of Chemistry of DCT’s Dhempe College of Arts & Science, Miramar, Goa in association with Meijo University - Japan and BITS Pilani, K.K. Birla Goa Campus on 21st March 2023. Resource Persons for the same were: Prof. Takahiro Maruyama (Meijo University), Prof. K.S. Rane (Gogte Institute of Technology, Belgaum), Prof. Paul Millner (University of Leeds) - UK, and Prof. Narendra Nath Ghosh (BITS-Pilani-Goa) presented lectures based on their research from the fields of materials chemistry, property studies and applications.

#### B. National Webinars

- 1) The Department of Philosophy organized a **National Webinar on ‘Research and Publication Ethics’** on 14th October, 2022. The resource person was Dr. L. Vijay,



Associate Professor of Philosophy, Government College for Women, Thiruvananthapuram, Kerala. The Webinar had a total participation of more than 210 participants. Dr. Roshida Rodrigues was the Coordinator of the same.

- 2) The Department of Psychology organized a **National Webinar on ‘Cyber Safety’** in collaboration with Cyber Wellness Centre, Goa on 13th January, 2023. 473 participants from various states of India attended the same (google meet and youtube). The webinar was coordinated by Dr. Cindy D’Silva.
- 3) A **National Webinar titled ‘Mangaluru Vatharantle Venchik Konkani Sahitya’** was organized by the Bharatiya Bhasha Mandal of Indian Languages (Konkani) of DCT’s Dhempe College of Arts and Science, Goa on 20th March 2023.
- 4) A **National webinar ‘Physics of Movement from quantum exciton transport in photosynthesis to random walks of mice in epidemics’**, speaker Prof. Nitant Kenkre, Distinguished Professor, Physics and Astronomy, The University of New Mexico, USA was held on 29th March 2023, organized by the Department of Physics, DCT’s Dhempe College of Arts & Science. 177 participants benefited from the same.

### **National Workshop**

A National Level Workshop by Ms. Aruna Dhere titled ‘Vachan Saunskrutichi Jopasana’ in collaboration with Shennoi Goembab School of Languages and Literature, Goa University Marathi Discipline and by the Bharatiya Bhasha Mandal of Indian Languages (Marathi) of Dhempe College of Arts & Science, Miramar Panaji Goa on 9<sup>th</sup> March, 2023.

### **C. State Webinars/Seminars**

- 1) **State-level Webinar on ‘Introduction to Media Localisation: Subtitling and Captioning’** The Department of English, DCT’s Dhempe College of Arts and Science, Miramar, in collaboration with the Digital Language Laboratory and Skill Development Centre organized a virtual session on “Introduction to Media Localisation: Subtitling and Captioning” on May 18, 2023 from 3.00 p.m. to 4.30 p.m. The resource persons for this session were Ms. Karma Puri, Quality Control Head, English Localisation, Atom Ant Studios, Mumbai and Ms. Abhishri Shetty, Quality Control Manager, Zee Studios, Jaipur.
- 2) **State-level Seminar on ‘Metaphor and Theory: Engaging with the circulation of Knowledge’** Directorate of Visiting Research Professors Programme, Goa University organized a public lecture titled ‘Metaphor and Theory: Engaging with the circulation of Knowledge’ in collaboration with Department of Philosophy, DCT’s Dhempe College of Arts and Science at Swami Vivekananda Hall on 16th March 2023 at 10:30 a.m. It received a participation of 76 students and 13 faculty members.
- 3) **State-level The Motor Vehicle Act Seminar** was organized by the department of Political Science with Legal Aid Society, V.M.Salgaocar Law College, Miramar. It was organized on 11 th March, 2023. The resource person was Advocate Shalom Sardinha. He explained to the students about the Act and about safe driving and

following rules. The participants included 5 faculty's and 30 students from V.M.S Law College and 57 students from Dhempe College.

- 4) **Vidnyan Dhara 2023 mega science series talk on the topic “Marine Bioprospecting”** by Dr. Narsinh Thakur, Senior Principal Scientist, National Institute of Oceanography, was organized by the Department of MSc Analytical Chemistry in association with Department of Chemistry and Department of Biotechnology, DCT's Dhempe College of Arts & Science under the aegis of Goa State Higher Education Council and Directorate of Higher Education, held on 24th February 2023.

### State Workshops

1. A **state-level workshop on ‘Framing syllabus for B.A. in Philosophy in tune with the NEP 2020’** held at the Dhempe College of Arts and Science, Miramar on 10th April 2023 from 10.00 AM to 5.00 PM on the request of Prof.Koshy Tharakan, Chairman of Board of Studies for Philosophy, Goa University. Dr.Roshida Rodrigues, Head of Department coordinated the workshop which was held in A.V. Room.
2. The Department of Psychology organized a **two-day state-level Skill Development workshop on Art Therapy** for students and counselors in association with Flourish Life School, Bengaluru, Karnataka on 7th and 8th December 2022. The resource person for the workshop was Ms. Ridhi Pugalia. Dr. Mukta Karamadi coordinated the same. 43 students and counselors from all over Goa attended the workshop and benefitted from the same.

### Publications:

| Publications                                   | Cat-I   | Cat-II                  | Cat-III                | Total        |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals                 | 10  | 5                       | 1                      | 16           |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                         |   |                         |                        |              |
| a. Research papers in Edited Books             | NIL   | 3                       | 1                      | 4            |
| b. Books                                       | NIL   | NIL                     | 3                      | 3            |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| III. Research papers in Conference Proceedings | 3   | NIL                     | NIL                    | 3            |
| Total  | 13  | 8                       | 5                      | 26           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad             | Within India  | Within Goa |
|--------------------|---------------|------------|
| 05 (International) | 10 (National) | 05 (State) |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 00     | 01           | 28         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D.  |
|----------|--|
| NIL      | 02 (Dr. Palia Pandit and Dr. Shashank Mhaldar) |

**No. of Teachers pursuing Ph.D.: 19****Awards:**

| Name of the faculty member                  | Title of the Award   | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|---|--|--|
| Prof. Vrinda Borker                         | Felicitation for being awarded 'State Teachers Award for excellence in Higher Education' | Rajhauns Publications on 13th November 2022.   |
| Mr. Prajal Sakhardande                      | "Industry-Academia Synergy" award  | M.E.S's College of Arts and Commerce, Zuarinagar, Vasco da Gama, Goa on 23rd March 2023.               |
| Mr. Prajal Sakhardande                      | Felicitated for preservation and conservation of Heritage                                | Vivenda da Rebellos, Cuncolim Goa on 23rd April 2023   |
| Dr. Vaishali Naik was awarded the organized | Best Script for the play 'Ranaragini' at the State-level Drama Competition               | Kala Akademi, Goa.   |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition   | Individual Event |              |             |           | Team Event  |              |             |           |
|-------------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                         | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| <b>Inter-collegiate</b> | 00               | 00           | 00          | <b>00</b> | 01          | 01           | 03          | <b>05</b> |
| <b>State</b>            | 05               | 01           | 03          | <b>09</b> | 00          | 00           | 00          | <b>00</b> |
| <b>National</b>         | 00               | 01           | 00          | <b>01</b> | 00          | 00           | 00          | <b>00</b> |
| <b>International</b>    | 00               | 00           | 01          | <b>01</b> | 00          | 00           | 00          | <b>00</b> |
| <b>Total</b>            | 05               | 02           | 04          | <b>11</b> | 01          | 01           | 03          | <b>05</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/ sports event with date                            | Name of the organizer  | Place won 1st/2nd /3rd |
|---|--|---|--|------------------------|
| Onkar Naik                              | Throwball Championship                                 | Quadrangular International Throwball Championship 2023 for Men and Women  | Dhaka, Bangladesh.   | Third                  |
| Punit Khandeparkar                      | Tennis Ball Cricket                                    | 30 <sup>th</sup> Junior National Tennis Ball Cricket Championship 2022-23 | Uttarakhand Tennis Ball Cricket Association held at Bhalla Stadium, Haridwar | Second                 |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- A team of faculty members of the college led by the **Principal Prof. Vrinda Borker** was selected as Mentors to visit Goa College of Home Science on 13th October 2022 under the NAAC Mentoring program on the intricacies of the accreditation process.
- Two faculty members of the institution - **Mrs. Annie Rajan (Department of Computer Science)** and **Mrs. Anju Sakhardande (Department of Indian Languages)** have launched a website and device 'audio Pustakam' which provides Konkani textbooks for classes I to IV in audio format. The tool is considered to be particularly helpful in remediation-learning. The same was showcased as a device for learning for the specially-abled students at the Purple Fest, organized by State Commissioner for persons with disabilities in association with Directorate of Social Welfare and Entertainment Society of Goa held in Goa from 6 th to 8th January 2023.
- **Dr. Mamta Kumari (Department of Mathematics)** was felicitated on 25th January 2023 by the Hon'ble Governor of Goa, Shri. P.S. Sreedharan Pillai, at Goa University for winning the third place at the Goa University Marathon (21 KM) in employee category on 18th December 2022.

**5A.2 CES's Parvatibai Chowgule College of Arts and Science, Margao**

**Year of Establishment:** 1962

**College Address:** Gogol, Margao, Post – Fatorda, Goa - 403602

**Principal's Details:**

**Name:** Dr. Shaila Ghanti (Offg. Principal)

**Contact No:** (0832) 2722222

**Email:**[principal@chowgules.ac.in](mailto:principal@chowgules.ac.in)

**College website:**[www.chowgules.ac.in](http://www.chowgules.ac.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round)**

| Cycle | Grade        | CGPA | Year of Accreditation        | Validity Period                |
|-------|--------------|------|------------------------------|--------------------------------|
| 1     | 4 Star level |      | 9 <sup>th</sup> October 1999 |                                |
| 2     | A            | 3.29 | 8 <sup>th</sup> March 2009   | 7 <sup>th</sup> March 2014     |
| 3     | A            | 3.41 | 5 <sup>th</sup> May 2014     | 31 <sup>st</sup> December 2020 |
| 4     | A+           | 3.27 | 29 <sup>th</sup> March 2022  | 28 <sup>th</sup> March 2027    |

**Courses offered, sanctioned and filled strength:**

| <b>Courses</b>   | <b>Sanctioned Strength</b> | <b>Filled Strength</b> |
|--|----------------------------|------------------------|
| <b><u>Undergraduate Courses</u></b>  |                            |                        |
| F.Y.B.Sc.  | 220                        | 181                    |
| S.Y.B.Sc.  | 220                        | 177                    |
| T.Y.B.Sc.  | 236                        | 140                    |
| F.Y.B.A  | 180                        | 173                    |
| S.Y.B.A  | 180                        | 158                    |
| T.Y.B.A  | 180                        | 131                    |
| F.Y. B.Voc (Software Development)  | 30                         | 21                     |
| S.Y. B.Voc (Software Development)  | 30                         | 17                     |
| T.Y.B.Voc (Software Development)   | 90                         | 09                     |
| <b><u>Postgraduate Degree Courses</u></b>                                    |                            |                        |
| M.A. – Part I (Geography)  | 20                         | 10                     |
| M.A. – Part II (Geography)   | 20                         | 13                     |
| M.Sc. – Part I (Information Technology)                                      | 20                         | 21                     |
| M.Sc. – Part II (Information Technology)                                     | 20                         | 20                     |
| M.Sc. – Part I (Analytical Chemistry)  | 20                         | 22                     |
| M.Sc. – Part II (Analytical Chemistry)                                       | 20                         | 20                     |
| M.A. – Part I (Hindi)  | 20                         | -                      |
| M.A. – Part II (Hindi)   | 20                         | 3                      |
| M.A. – Part I (Psychology)   | 20                         | 16                     |
| M.A. – Part II (Psychology)  | 20                         | 15                     |
| M.A. – Part I (English)  | 20                         | 22                     |
| M.A. – Part II (English)   | 20                         | 18                     |
| M.Sc. – Part I (Geoinformatics)  | 20                         | 11                     |
| M.Sc – Part II (Geoinformatics)  | 20                         | 8                      |
| <b><u>Postgraduate Diploma Courses</u></b>                                   |                            |                        |
| Post Graduate Diploma in Geoinformatics                                      | 20                         | 16                     |
| Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques | 15                         | 14                     |
| Post Graduate Diploma in Computer Applications                               | 30                         | 09                     |
| <b><u>Undergraduate Diploma Course</u></b>                                   |                            |                        |
| Diploma in Aviation Hospitality and Customer Service                         | 30                         | 31                     |
| Ph.D in Geography  | 05                         | 04                     |
| Ph.D in Hindi  | 05                         | 02                     |
| <b>Total</b>   |                            | <b>1282</b>            |

**Research Centre, If any :** i. Geography

**No. of Candidates, subject wise, registered for Ph.D under the Research Center : NIL**

**Any new course(s) started: NIL**

**Faculty strength:**

| <b>Designation</b>                               | <b>Number of Teachers</b> |
|--|---------------------------|
| Principal  | -                         |
| Professor  | 03                        |
| Associate Professors                             | 19                        |
| Assistant Professors                             | 36                        |
| Librarian (Selection Grade)                      | 01                        |
| Director of Physical Education (Selection Grade) | 01                        |
| Contract Teachers (Regular + Self-financed)      | 03+23                     |
| <b>Total</b>                                     | <b>86</b>                 |

**Achievements of the College: (only institutional achievements should be mentioned).**

The college has signed Memorandum of Understanding with the following institutions:

**At National level:**

- i) St. Xavier's College, (Autonomous), Mumbai on 18<sup>th</sup> August 2022 to establish a cooperation program to provide collaborative platform to students, academics and researchers for the promotion and development of their respective areas of interest.
- ii) Rebel Corp Private Limited, Andheri, West Mumbai on 18<sup>th</sup> October 2022 to enhance educational opportunities for students and to promote mutually beneficial linkages, agree to the establishment of a partnership for students pursuing the graduate, post graduate, post graduate diploma course and other diploma courses.

**At State level**

- i) ESSO-National Centre for Polar and Ocean Research, Goa on 28<sup>th</sup> October 2022 in providing students with the technical expertise and interaction opportunities with NCPOR scientists and providing students internship opportunities at NCPOR.

**Sponsored Research Projects only sanctioned/ completed during July 2022 and May 2023 (Include only research projects of minimum Rs. One lakh).**

**MAJOR RESEARCH PROJECTS**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b> | <b>Project Title</b>   | <b>Date of Sanction and duration</b> | <b>Funding Agency</b>  | <b>Amt. (Rs. in Lakh s)</b> | <b>Specify whether sanctioned/ completed with date</b> |
|----------------|-------------------------------|--|--------------------------------------|--|-----------------------------|--|
| 1              | Prof. Nandkumar N. Sawant     | Revealing the (In)visible cultural landscape and Heritage : Amalgation of Goa's Urban Transformation and Identity<br>Ref.no.: IMPRESS/P1922/618/2018-19/ICSSR<br>dtd. 19/09/19 | 19/09/2019<br>2 years                | Indian Council of Social Science Research (ICSSR)                                    | 8.00                        | Ongoing  |
| 2              | Prof. Sangeeta G. Sankhalkar  | Evaluating the potential of cyanophyccan algal cultures as a ecofriendly biofertilizers<br>Ref. No. 6-33-2020/S&T&WM259<br>dated 26-05-2023                                    | 26/05/2023<br>3 years                | Department of Science and Technology and Waster Management (DSTE), Government of Goa | 6.25                        | Sanctioned<br>26/05/2023                               |



**MINOR RESEARCH PROJECTS**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b>               | <b>Project Title</b>   | <b>Date of Sanction and duration</b> | <b>Funding Agency</b>                            | <b>Amount (Rs in Lakhs)</b> | <b>Specify whether sanctioned/completed with date</b> |
|----------------|---|--|--------------------------------------|--|-----------------------------|---|
| 1              | Yatin P. Desai                              | Study of Zinc Oxide Composite Doped with Transition Metal Ions (Mn, Ni, Co, Fe)<br>Ref.no: 6-361-2018/S & T -DIR/754 dtd. 10/12/19                   | 10/12/2019<br>3 years                | Department of Science and Technology Goa         | 3.20                        | Completed<br>28/03/2023                               |
| 2              | Amisha Shirodkar Pednekar                   | Understanding Cellulolytic Activity of Fungi Isolated from Litter of Coconut Trees<br>Ref.no: 6-363-2018/S&T-DIR/783 dated 18/12/2019                | 18/12/2019<br>2 years                | Department of Science and Technology Goa         | 3.00                        | Completed<br>31/03/2023                               |
| 3              | Nandkumar N. Sawant & Nandini Vaz Fernandes | Development of Wildlife Management Plan for Bondla Wildlife Sanctuary<br>Ref.no: 1/EST/GFDC/MP(WL S/NP)/2019-20/90 dated 7/5/2020                    | 07/05/2020<br>1 year                 | Goa Forest Development Corporation, Govt. of Goa | 2.49                        | Ongoing   |
| 4              | G.K. Naik                                   | Low Temperature Synthesis & Characterization of Nanosize Metal Chromites : An Industrial Catalyst<br>Ref.no: 6-360-2018/S&T/DIR/254 dated 17/06/2020 | 17/06/2020<br>3 years                | Department of Science and Technology Goa         | 2.50                        | Ongoing   |

|   |                              |   |                       |   |      |                         |
|---|------------------------------|---|-----------------------|---|------|-------------------------|
| 5 | Uma Masur                    | Molecular characterization of <i>Dysoxylum binectariferum</i> Hook. f. regenerated plants in vitro by RAPD, SSR and ISSR methods.<br>Ref.no-9/328/2016-17/SPSE-PP/DHE/2301 dated 26/10/2017                   | 26-10-2017<br>2 years | Director of Higher Education (DHE), Alto, Porvorim –Goa | 3.50 | Ongoing                 |
| 6 | Sameena Fernandes e Falleiro | Teaching and Learning with ICT: Current Status and Future Directives with Reference To under Graduate Education in Goa<br>Ref.no: 9/328/2016-17/SPSE-PP/DHE/1355 dated 27/06/2018                             | 27-06-2018<br>2 years | DHE Research Science Promotion                          | 2.00 | Completed<br>16/07/2022 |
| 7 | Nandini Vaz Fernandes        | Evaluation of effectiveness of methodologies used in conducting practicals of graduate & undergraduate courses in Biological sciences<br>Ref.no- 9/328/2016-17/SPSE-PP/DHE/(Part File-I)1317 dated 22/06/2020 | 27-06-2018<br>2 years | DHE Research Science Promotion                          | 2.00 | Ongoing                 |
| 8 | Dr. Supriya Khorjuvenkar     | Isolation and characterization of yeasts from locally fermented cashew apple juice  | 29/04/2022<br>2 years | Cazcar Heritage Distillery                              | 1.68 | Ongoing                 |

#### Conferences/Workshops Organized (Nos. only)

State Level : 04

National Level : 01

## Publications

| <b>Publications</b>                            | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         |              |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            | <b>Total</b> |
| I. Research papers in Journals                 | 10  | 04                      | 02                     | <b>16</b>    |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> |              |
| II. Books/Edited Books                         | NIL   | 03                      | NIL                    | <b>03</b>    |
| (a) Research papers In Edited Books            | 01  | NIL                     | NIL                    | <b>01</b>    |
| (b) Books/ Article in Books                    | NIL   | 02                      | NIL                    | <b>02</b>    |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           |              |
| III. Research papers in Conference Proceedings | NIL   | NIL                     | NIL                    | <b>NIL</b>   |
| <b>Total</b>                                   | <b>11</b>   | <b>09</b>               | <b>02</b>              | <b>22</b>    |

## Papers presented in Conferences/Seminars/Workshops:

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| 01            | 11                  | 05                |

## Invited Lectures given by the Faculty:

| <b>Abroad *</b> | <b>Within India</b> | <b>Within Goa</b> |
|-----------------|---------------------|-------------------|
| -               | 14                  | 42                |

## No. of teachers who obtained research degree during the year:

| <b>M. Phil.</b> | <b>Ph.D.</b> |
|-----------------|--------------|
| -               | 02           |

## Details of research degree obtained:

| <b>Name of the teacher</b> | <b>Department</b>   | <b>Name of the thesis</b>                       | <b>University which awarded degree</b> |
|----------------------------|---------------------|---|--|
| Pradeep Jatal              | Department of Hindi | Asagar Vajahat Ka Natak Sahitya : Ek Anusheelan | Savitribai Phule Pune University, Pune |

|              |                         |  |                          |
|--------------|-------------------------|--|--------------------------|
| Adrian Ferro | Department of Geography | Urban Histories :<br>Appraising Margao, A<br>Study of Urban<br>Geography | Goa University, Taleigao |
|--------------|-------------------------|--|--------------------------|

**No. of teachers pursuing Ph.D: 17**

**Awards :**

| Name of the faculty member | Title of the Awards/ Honours      | Name of Agency / Institution sponsoring the award (only recognized and reputed agencies), Date of award |
|----------------------------|-----------------------------------|---|
| Dr. Bhanumati Pilli        | National Level Best Teacher Award | Global Foundation (GF), Maharashtra, India<br><br>21 <sup>st</sup> April 2023                           |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 2                | 1            | 5           | 8        | --          | --           | 1           | 1        |
| National              | --               | --           | --          | --       | --          | 1            | 2           | 3        |
| <b>Total</b>          | <b>2</b>         | <b>1</b>     | <b>5</b>    | <b>8</b> | <b>--</b>   | <b>1</b>     | <b>3</b>    | <b>4</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the Student/ captain of the team | Name of the event in which participated (Sports /Games) | Name of the Tournament /Sport event with date                | Name of the Organiser                   | Place won 1 <sup>st</sup> /2 <sup>nd</sup> / 3 <sup>rd</sup> |
|--|---|--|---|--|
| Ratika Vasu Naik                         | Tennis Ball Cricket                                     | 33rd National Tennis Ball Cricket Championship December 2022 | Tennis Ball Cricket Federation of India | 3rd Place  |
| Ratika Vasu Naik                         | Dueball   | 3rd National Federation Cup Dueball Championship 2022        | Dueball Federation of India             | 3rd Place  |

|             |           |  |                               |           |
|-------------|-----------|--|-------------------------------|-----------|
| Siena Diniz | Tennikoit | 22nd West Zone National Tennikoit Championship December 2022 | Tennikoit Federation of India | 2nd Place |
|-------------|-----------|--|-------------------------------|-----------|

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College / Institution)**

- i) Prof. (Dr.) Nandini Vaz Fernandes was selected as ‘Advisory Board Member’ of ‘Prakruti Group of Institutions’ in Manipal Karnataka, to assist the institution with development of key educational initiatives and resources.
- ii) Dr. Uma Masur received an Appreciation Certificate of her untiring efforts as a valued EVALUATOR for State Level Camp (Level-II), Goa of Vidyarthi Vigyan Manthan-India’s Largest Science Talent Search for New India using Digital Devices (VVM) 2022-23 organized by Vijnana Bharati (VIBHA) in association with Vigyan Prasar, Department of Science and Technology, Government of India and National Council of Education Research and Training (NCERT), Ministry of Education, Govt. of India held at Dr. K.B. Hedgewar Higher Secondary School, Cujira, Bambolim, Goa on 29th January, 2023.
- iii) The research article, Natural disasters and well-being in India: A household-level panel data analysis’, published by Ms. Rupali Tamuly, Associate Professor, Department of Economics has been featured in the prestigious newsletter of the India Human Development Survey, July 2022 edition.

**5A.3 St. Xavier’s College of Arts, Science and Commerce, Mapusa**

**Year of Establishment:** 1963

**College Address:** St. Xavier’s College, Xaviernagar, Mapusa, Bardez Goa, 403507, India

**Principal’s Details:**

**Name:** Prof. (Dr.) Blanche R. C. S. Fernandes e Mascarenhas

**Contact No:** 8888657331

**Email:** xavierscollege1963@gmail.com

**College website:** xavierscollegegoa.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle   | Grade     | CGPA                               | Year of Accreditation | Validity Period         |
|---------|-----------|------------------------------------|-----------------------|-------------------------|
| Cycle 4 | A         | 3.12                               | 2019                  | 09/08/2019 - 08/08/2024 |
| Cycle 3 | A         | 3.36                               | 2014                  | 05/05/2014 - 04/05/2019 |
| Cycle 2 | A         | NA (Since we were awarded Grade A) | 2007                  | 31/03/2007 - 30/03/2012 |
| Cycle 1 | Four Star | NA (Since we were awarded 4 star)  | 1999                  | 09/10/1999 - 08/10/2004 |

**Courses offered, sanctioned and filled strength:**

| Course Offered     | Sanctioned Strength |         | Filled Strength |       |
|--------------------|---------------------|---------|-----------------|-------|
|                    | Entry level         | (Total) | Entry level     | Total |
| B.A.               |                     | 264     |                 | 247   |
| B.Sc.              |                     | 340     |                 | 180   |
| B.Com.             |                     | 264     |                 | 255   |
| B.C.A.             |                     | 40      |                 | 40    |
| B.B.A.             |                     | 34      |                 | 34    |
| B.B.A. (T&T)       |                     | 31      |                 | 31    |
| Biotechnology      |                     | 30      |                 | 13    |
| Mass Communication |                     | 35      |                 | 30    |
| Journalism         |                     | 35      |                 | 13    |
| M.A. (Psychology)  |                     | 31      |                 | 31    |
| M.Sc. (Chemistry)  |                     | 20      |                 | 20    |
| M.Com.             |                     | 50      |                 | 17    |

**Faculty strength: 113 ( 5 Lien included)**

**Achievements of the College:**

- DBT Star College Scheme
- Best College in sports 2022-23 (men)
- Best College in sports 2022-23 (women)

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s       | Project Title  | Date of Sanction and duration       | Funding Agency   | Amount (Rs in Lakhs)                        | Specify whether sanctioned/completed with date |
|---------|------------------------------|--|-------------------------------------|--|---|--|
| 1.      | Ms. Janesline P.D. Fernandes | Multifunctional Magnetic Nanoparticles: Synthesis, Characterisation and Applications as Drug Delivery Systems and Environmental Protection | 07/06/2023<br><br>Duration: 3 years | Department of Science and Technology and waste Management, Government of Goa | Rs. 600000/-<br><br>(Rupees Six Lakhs only) | Not completed                                  |

**Conferences/Workshops Organized (Nos. only)**

National Level: 02

State Level: 04

**Publications:**

| Publications |   | Cat-I  | Cat-II         | Cat-III | Total |
|--------------|---|--|----------------|---------|-------|
|              |   | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |       |
| I.           | Research papers in Journals               | 0  | 7              | 6       | 13    |
|              |   | International                                | National       | Local   | Total |
| II.          | Research papers in Conference Proceedings | 3  | -              | -       | 3     |
| Total        |   | 3  | 7              | 6       | 16    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 0      | 0            | 3          |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| -        | 01    |

**No. of Teachers pursuing Ph.D.: 20****Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 1                | 5            | 5           | 11    | 9           | 7            | -           | 16    |
| International         | -                | -            | -           | -     | 2           | -            | -           | 2     |
| <b>Total</b>          | 1                | 5            | 5           | 11    | 11          | 7            | -           | 18    |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date | Name of the organizer | Place won 1st/2nd/3rd |
|---|--|---|-----------------------|-----------------------|
| Veena Naik                              | Volleyball   | Team India In The World                       |                       | 1st                   |

|                 |              |  |  |     |
|-----------------|--------------|--|--|-----|
|                 |              | Special Olympics Summer Games Held At Berlin Germany From 12th To 27th June 2023.  |  |     |
| Vinay Harji     | Football     | International Competition U-20 Saff Championship 2022 Held At Bhubaneshwar Odisha From 25th July To 5th August 2022 And Were The Champions.<br>U-20 Afc Asian Cup 2023(Q) Held At Kuwait From 14th To 18th October 2022                                |  | 1st |
| Namita Govekar  | Football     | Represented West Zone Inter University Women Championship Held At Gwalior And Won 1st Place And Qualified For All India Inter University Women Championship Held At Gwalior From January 2023  |  | 1st |
| Prutha Parrikar | Table Tennis | Goa State At Table Tennis Senior Women National Championship Held At Jammu From 17th To 31st March 2023.   |  | -   |
| Alino Colaco    | Football     | Goa University At West Zone Inter- University Football Men Championship Held At Jabalpur From 19th To 24th december 2022 And Qualified For All India Inter Zone Inter University Football Men Championship Held At Kota From 8th To 17th January 2023. |  | 1st |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Fr. Luis Gomes Ph.D.



#### 5A.4 Carmel College of Arts, Science and Commerce for Women, Nuvem Goa

**Year of Establishment:** 1964

**College Address:** Carmel College of Arts, Science and Commerce for Women, Nuvem,  
Salcette-Goa

**Principal's Details:**

**Name:** DR. SR. MARIA LIZANNE A.C.

**Contact No:** 08322790714 / 2790959

**Email:** principal@carmelcollegegoa.org

**College website:** www.carmelcollegegoa.org

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

| Cycle   | Grade | CGPA | Year of Accreditation | Validity Period         |
|---------|-------|------|-----------------------|-------------------------|
| Cycle 4 | A     | 3.25 | 2022                  | 29/03/2022 to 28/3/2027 |

**Courses offered:** B.A./B.Sc./B.Com, (Undergraduate)

**Post-Graduate (SELF FINANCED)**

- M.A. in Psychology
- M.Com in Accountancy and Finance Management
- M.Sc. Food Technology

**Sanctioned strength:**

Undergraduate: 1340

Postgraduate : 231

**Filled Strength:**

Undergraduate: 1077

Postgraduate: 129

**Faculty strength:** Undergraduate: 52 (Full-time Regular Appointments)

**Achievements of the College:**

- Signed MOU with Goa State Biodiversity Board, Saligao, Goa on 4<sup>th</sup> November, 2022.
- Signed MOU with St. Xavier's College(Autonomous), Palyamkottal, Tamil Nadu on 22<sup>nd</sup> October, 2022
- Signed MOU with NimalaInstitute of Education, Panjim-Goa on 23<sup>rd</sup> October, 2022.
- Signed MOU with AnyayRahitZindagi (ARZ), Vasco on 13<sup>th</sup> January, 2023

## **Seminars/Workshops/Certificate Courses/Lectures/Training Programmes organized (Nos. only)**

1. Seminars: 01
2. Webinar: 01
3. Workshops: 03
4. Certificate Courses/Lectures: 06

## **Details of Seminars /Workshops / Certificate Courses /Lectures / Training Programmes organized**

### **Kitchen Gardening**

The Department of Botany, Carmel College of Arts, Science and Commerce for Women, Nuvem - Goa organized a workshop on Kitchen Gardening on 24<sup>th</sup> July, 2022 as part of community outreach programme. The objective of the workshop was to spread the knowledge of composting kitchen wet waste and using the nutrient-rich compost for growing vegetables and fruits organically thus marching towards self-reliance in an environment friendly manner. The resource persons for the workshop were Dr. Eleuterio Carneiro and Mrs. Juliet Vaz e Carneiro. Dr. Carneiro explained the importance of being self-reliant in terms of food requirements in the present scenario. He explained various methods of composting including the composting process by the black soldier fly larvae. Mrs. Carneiro explained about kitchen garden layouts. She emphasized on cultivation at different stories so as to ensure maximum availability of sunlight to plants in limited spaces using a colourful presentation on plants, fruits and vegetables from her own kitchen garden.

### **A webinar on “How to read Inflation the practical way”**

A webinar on “How to read inflation the practical way” was organized by Mr. Sujoy Das on 18<sup>th</sup> August 2022. He said that inflation is cost pull and demand push situation. Great things happen when there is inflation. When there is no inflation there is slowdown in the economy due to drop in wages, lower consumer spending and unemployment. RBI has to take policy measures to revive the economy by printing more money or by reduction in the fixed deposit rates. Investors will become unhappy due to this.

### **Confidence Building, Personality Development and Motivational Course**

The Department of Political Science, in collaboration with Unelma Academy organized a Certificate course of 2 credits. The resource person was Ms. Harshita Saxena, the founder of UnelmaAcademy. The topics dealt during the training programme were Communication skills, Confidence building, Public and motivational speaking, inner healing, resume writing, social skills, personal and public etiquette, interview skills, time management, stress management, skin care, personal hygiene and many more aspects of personality development.

### **Mental Health for All**

The Postgraduate Department of Psychology, Carmel College of Arts, Science and Commerce organized a workshop on “Mental Health for All” on 10<sup>th</sup> October 2022. The resource persons were Aditi Tendulkar, Mental Health Advocate; Psychotherapist, Founder of Soul Healing Counseling Centre and Tanushri Sharma, Mental Health Advocate and

Psychologist. The goal of the workshop was to promote mental health awareness and equip the students with basic skills related to providing assistance to self and others.

The Postgraduate Department of Food Technology, Carmel College of Arts, Science and Commerce, Nuvem, organized a Multidisciplinary Lecture Series ‘Omniscienta’ The session was conducted by Ms. Sheryl Afonso e D’Souza, Assistant Professor, Goa College of Home Science on 8<sup>th</sup> November, 2022. Ms. D’Souza interacted with the students on the topic: Formulation and Health Benefits of Energy and Sports Drinks.

Ms. D’Souza spoke about the recent advances in the beverage industry and the craze for Energy and Sports Drinks among the country’s youth.

### **Human Trafficking: Recognizing, Responding and Combating**

The Department of Psychology and the Counselling Cell of Carmel College of Arts, Science and Commerce for Women, Nuvem, Goa in association with AZR (Anyay Rahit Zindagi), organized a one-day seminar on “Human Trafficking: Recognizing, Responding and Combating”

Mr. Bossuet Silva, SP (Traffic), South Goa was the Chief guest and spoke on students contribution in helping to prevent human trafficking. Assured the students of police personnel protection and assistance also shared the helpline number – 112.

Mr. Arun Pandey, Director and one of the founding members of ARZ lightened the audience on recognizing human trafficking saying, “PROTECT the victim and PROSECUTE the culprit’. Often it is the other way round. He concluded by saying, ‘We cannot embrace our dignity as human beings unless we stand up for the victims of human trafficking and advocate their dignity’.

**Certificate Course on “Smart Tools for Chemist”** was conducted for the Third Year Chemistry students from 11/01/2023 to 25/03/2023. The course was organized to inculcate the Information Technology (IT) Skills among the students in the field of scientific research. The students were given detail training on how literature search is carried out. Brief training was given on how Microsoft Word and Excel is utilized for drafting scientific data, referencing, writing equations, calculations and graphical representations. Data Collection, Data Processing and Visualization using origin software, were taught in detail.

### **Certificate Course of 30 Hours In Konkani Orthography And Devanagari Typing**

The Department of Konkani conducted a certificate course of 30 hours in Konkani Orthography and Devanagari Typing for SYBA(DSC) and TYBA students from 10<sup>th</sup> January 2023 till 21<sup>st</sup> April 2023. Ms. Sneha Sabnis, eminent Konkani writer and translator was the resource person for the same. The main objective of this course was to impart knowledge on Konkani Orthography rules and do typing accordingly using the Devanagari script. Students were given hands-on training on Devanagari Typing using different tools through this course. The use of various softwares that are used by writers and publishers for bulk typing were also illustrated to them.

### **Fitness Workshop**

The Postgraduate Department of Food Technology, Carmel College, Nuvem, organized a Fitness Workshop in collaboration with Mr. Max D’Costa on 8<sup>th</sup> February, 2023.. The session

involved discussions on life style changes post-covid and busting of common fitness and health related myths. In his keynote address, he emphasized the need for physical fitness not only for the sportsmen but for the general public also. He recommended a strict regimen of a balanced diet along with physical training for physical fitness.

#### **Talk on Polycystic Ovarian Syndrome (PCOS)**

An awareness talk on Polycystic Ovarian Syndrome (PCOS), was organised by the Post Graduate Department of Psychology, on 9<sup>th</sup> February 2023 for M.A, M.COM and M.SC students. Dr Emmanuel Gracias, a practicing Gynaecologist working at Gracias Maternity Hospital was invited as the resource person to enlighten the students on the topic. The students had an interactive Q&A session to clear doubts and increase their understanding of PCOS.

#### **‘Lecture on Computational Linguistics’**

The Department of Information and the Department of Konkani jointly organized a Guest Lecture on the topic ‘Computational Linguistics’ on Tuesday, 28<sup>th</sup> March 2023. The speaker for the day was Ms. Annie Rajan, HOD of Computer Science Department, Dhempe College, Miramar. In today’s world of technology, our languages are dying a slow death. We as responsible citizens of Goa should try our best to preserve our state language. We should use technology in teaching learning process for better understanding and implementation. She introduced the various tools developed by her along with her colleagues to document and strengthen the language, which includes her You tube channel Terminologies in Konkani Language, Konkani Spell Check and Konkani Audio Pustakam. She also threw light on areas of research in IT and languages.

#### **Publications:**

| <b>Publications</b>                            | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         | <b>Total</b> |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals                 | 02  | 08                      | 01                     | <b>11</b>    |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> |              |
| II. Books/Edited Books                         | -   | -                       | -                      | -            |
| a. Research papers in Edited Books             | 01  | -                       | -                      | <b>01</b>    |
| b. Books                                       | -   | 07                      | -                      | <b>07</b>    |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           |              |
| III. Research papers in Conference Proceedings | 01  | 02                      | -                      | <b>03</b>    |
| <b>Total</b>                                   | <b>04</b>   | <b>17</b>               | <b>01</b>              | <b>22</b>    |

**Papers presented in Conferences /Seminars /Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 07           | 03         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 05           | 21         |

**No. of Teachers pursuing Ph.D.: 10**

**Awards:**

| Name of the faculty member | Title of the Award   | Name of Agency /Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|--|--|
| Dr. Glenis M. Mendonca     | Christi Sevak Federation Award for exemplary work in Research and Literature | Christi Sevak Federation<br>13 <sup>th</sup> December 2022   |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 3                | 3            | 2           | 08    | -           | -            | -           | -     |
| State                 | 3                | -            | -           | 03    | -           | -            | -           | -     |
| National              | 5                | -            | 1           | 06    | -           | -            | -           | -     |
| <b>Total</b>          | 11               | 03           | 03          | 17    | -           | -            | -           | -     |

**Details Sports Achievements at National Level**

| Name of the student | Name of the event in which participated (sports/games) | Name of the Tournament/ sports event with date | Name of the organizer | Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> |
|---------------------|--|--|-----------------------|---|
|---------------------|--|--|-----------------------|---|

|                      |   |   |   |   |
|----------------------|---|---|---|---|
| Pranali Naik         | 23rd SQAY Martial Art National Championship 2022-23, held at Roorkee Haridwar, Uttarakhand.   | 23rd SQAY Martial Art National Championship 2022-23 26/01/2023 to 05/02/2023              | 23rd SQAY Martial Art National Championship 2022-23, held at Roorkee Haridwar, Uttarakhand. | <ul style="list-style-type: none"> <li>• Gold Medal in loba (Fight) in 78kgs weight category</li> <li>• Bronze Medal in Group Khawankay All India Champion of champions in A-18 Senior Women “Grand Champion”.</li> </ul> |
| Chelsea M. Fernandes | 23rd SQAY Martial Art National Championship 2022-23, held at Roorkee Haridwar, Uttarakhand.   | 23rd SQAY Martial Art National Championship 2022-23 26/01/2023 to 05/02/2023              | 23rd SQAY Martial Art National Championship 2022-23, held at Roorkee Haridwar, Uttarakhand. | <ul style="list-style-type: none"> <li>• Gold Medal in loba (Fight) in 70 kgs weight category,</li> <li>• Gold Medal in Group Aerosqay</li> <li>• Gold Medal in Khawankay</li> </ul>                                      |
| Suman Yadav          | 1 <sup>st</sup> West Zone Elite Men’s and Women’s Boxing Championship, held in Porvorim, Goa. | 1 <sup>st</sup> West Zone Elite Men’s and Women’s Boxing Championship 02/12/22 & 03/12/22 | 1 <sup>st</sup> West Zone Elite Men’s and Women’s Boxing Championship                       | Gold Medal  |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)**

1. Dr. Glenis M. Mendonca is elected as the Woman’s Representative (North Goa) on the Dalgado Konknni Akademi Executive Committee for 2023-26.

**5A.5 DCT’s S. S. Dempo College of Commerce & Economics, Cujira, Bambolim**

**Year of Establishment:** 1966

**College Address:** Dempo Charities Trust’s Srinivassa Sinai Dempo College of Commerce & Economics, Cujira, Bambolim, Goa

**Principal’s Details:**

**Name:** Dr. Manoj S. Kamat

**Contact No:** 0832-2976647

**Email:** principal@dempocollege.edu.in

**College website :** [www.dempocollege.edu.in](http://www.dempocollege.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle                  | Grade | CGPA | Year of Accreditation | Validity Period |
|------------------------|-------|------|-----------------------|-----------------|
| Awaiting accreditation |       |      |                       |                 |

**Courses offered, sanctioned and filled strength:**

| Sr. no. | Courses offered                            | Sanctioned strength |     | Filled strength                            |      |
|---------|--|---------------------|-----|--|------|
| 1       | B.Com. (Hons)                              | F.Y.                | 300 | F.Y.                                       | 357  |
|         |  | S.Y.                | 300 | S.Y.                                       | 357  |
|         |  | T.Y                 | 240 | T.Y  | 340  |
|         |  | Total               | 840 | Total                                      | 1054 |
|         |  |                     |     | (Permission taken for additional students) |      |
| 2       | BBA  | F.Y.                | 100 | F.Y.                                       | 149  |
|         |  | S.Y                 | 100 | S.Y  | 148  |
|         |  | T.Y                 | 100 | T.Y  | 143  |
|         |  | Total               | 300 | Total                                      | 440  |
|         |  |                     |     | Permission taken for additional students)  |      |
| 3       | M.Com.                                     | F.Y.                | 50  | F.Y  | 44   |
|         |  | S.Y                 | 50  | S.Y  | 46   |
|         |  | Total               | 100 | Total                                      | 90   |
| 4       | Masters in Tourism and Heritage Management | Part I              | 30  | Part I                                     | 14   |
|         |  | Part II             | 30  | Part II                                    | 15   |
|         |  | Total               | 60  | Total                                      | 29   |
| 5       | PGDM-Event Management                      |                     | 30  |  | 16   |
| 6       | Integrated Masters of Commerce I MCom      | F.Y.                | 40  | F.Y.                                       | 20   |
|         |  | S.Y                 | 40  | S.Y  | 28   |
|         |  | T.Y                 | 40  | T.Y  | 16   |
|         |  | Fourth Y            | 40  | Fourth Y                                   | 22   |
|         |  | Total               | 160 | Total                                      | 86   |

**Faculty strength: 28**

**Achievements of the College:**

- Green Audit has been conducted at S. S. Dempo College of Commerce and Economics which included the study of waste, water and energy management on the campus and creation of a biodiversity inventory alongwith recommendations for improving campus sustainability. The college building is performing very well on the Energy Performance Index.
- The Institution's Innovation Council of the college has been awarded three and half stars for undertaking various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Startup in the campus during the calendar year 2021-2022.

- Secured Second Place at all Goa Intercollegiate Ghumat Arti Competition organised by Guruvidhya Merces College. Mr. Shivam Palyekar from SY BBA won Best Gayak Award.
- Secured Second Place at all Goa Intercollegiate Ghumat Arti Competition organised by Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez, Goa.
- Secured Third Place with Best Shamel Vadak won by Mr. Vedant Chopdekar at all Goa Intercollegiate Ghumat Arti Competition organised by VVM's Shree Damodar College of Commerce and Economics.
- Won PLEXUS 2022 title- event organised by Goa Medical College students' association.
- Won Equinox 6.0 title- event organised by student's council of Narayan Zantye College of Commerce, Bicholim.
- Secured Second Place at all Goa Intercollegiate Ghumat Arti Competition – 'Ghumat Naad 3.0' organised by Sridora Caculo College of Commerce and Management Studies.

#### Conferences/Workshops Organized (Nos. only)

International Level: 2

#### Papers presented in Conferences / Seminars /Workshops:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 01     |              | 02         |

#### Invited Lectures given by the faculty:

| Abroad | Within India | Within Goa                        |
|--------|--------------|-----------------------------------|
| --     | --           | 02 (For an International Seminar) |

#### Teachers who obtained research degree during the year:

| M.Phil. | Ph.D. |
|---------|-------|
| --      | 01    |

#### No. of Teachers pursuing Ph.D.: 13

#### Awards:

| Name of the faculty member | Title of the Award                                      | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award   |
|----------------------------|---|--|
| Anjali M. Bhide            | The Goa State Best Librarian Award for the year 2022-23 | Directorate of Art & Culture, Panaji, Goa<br>Date of award: 08/02/2023                                   |
| Aditi Barve                | Sharada Sahitya Puraskar                                | Sharada Grantha Prasarak Sauntha 23 <sup>rd</sup> April, 2023 at the hands of Padmashri Vinayak Khedekar |



**Sports Achievements of Students:**

| Levels of Competition        | Individual Event |              |             |           | Team Event  |              |             |          |
|------------------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|----------|
|                              | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total    |
| Inter-collegiate             | 2                | 1            | 4           | 7         | 2           | 2            | -           | 4        |
| State                        | 2                | 4            | 1           | 7         | -           | -            | -           | 0        |
| Inter-University (West Zone) | -                | -            | -           | 0         | 2           | -            | -           | 2        |
| National                     | -                | -            | 3           | 3         | -           | 1            | -           | 1        |
| International                | 1                | -            | -           | 1         | -           | -            | -           | 0        |
| <b>Total</b>                 | <b>5</b>         | <b>5</b>     | <b>8</b>    | <b>18</b> | <b>4</b>    | <b>3</b>     | <b>-</b>    | <b>7</b> |

**Details of the top 5 Sports Achievements, if any (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date  | Name of the organizer                        | Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> |
|---|--|--|--|---|
| Nitish Belulkar                         | Chess  | Indore International Grand Master Chess Tournament 1 <sup>st</sup> to 8 <sup>th</sup> April 2023         | Indore Chess Association, Indore, M.P.       | 1 <sup>ST</sup>   |
| Pratik Naik                             | Tennis Ball Cricket                                    | 30th Junior National Tennis Ball Cricket Championship, 21st to 24th September, 2022.                     | Uttarakhand Tennis Ball Cricket Association. | 2 <sup>nd</sup>   |
| Avida De Braganca                       | Sqay Martial Arts                                      | 23 <sup>rd</sup> Sqay Martial Art National Championship 1 <sup>st</sup> to 3 <sup>rd</sup> February 2023 | Sqay Association, Uttarakhand                | 3 <sup>rd</sup>   |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)**

1. Story co-translated by Aditi Barve appears in a book titled – The Greatest Goan Stories Ever Told edited by famous writer Shri Manohar Shetty. ISBN 9789393852120
2. Aditi Barve successfully completed ‘Diploma in Buddhist Studies and Vipassana,’ a one year online course offered by Department of Philosophy, Mumbai University.

## 5A.6 M. E. S.'s Vasanti Joshi College of Arts & Commerce, Zuarinagar

**Year of Establishment:** 1972

**College Address:** M.E.S. College of Arts & Commerce Zuarinagar-Goa

**Principal's Details:**

**Name:** Dr. Manasvi M. Kamat

**Contact No:** 0832-2556010

**Email:** mescollege1@gmail.com

**College website:** [www.mescollege.org](http://www.mescollege.org)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle                 | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------------|-------|------|-----------------------|-----------------|
| 4 <sup>th</sup> cycle | B+    | 2.68 | 2021                  | 2026            |

**Courses offered, sanctioned and filled strength:**

| Course Offered                | Sanctioned Strength |       | Filled Strength |       |
|-------------------------------|---------------------|-------|-----------------|-------|
|                               | Entry level         | Total | Entry level     | Total |
| B.A.                          |                     | 180   |                 | 174   |
| B.Com.                        |                     | 264   |                 | 243   |
| B.B.A.                        |                     | 46    |                 | 45    |
| B.C.A.                        |                     | 88    |                 | 84    |
| B.B.A. (Shipping & Logistics) |                     | 30    |                 | 30    |
| M.Com.                        |                     | 40    |                 | 13    |

**Faculty strength: 40**

**Achievements of the College:**

- Memorandum of Understanding (MOU) Signed by the college with Goa Technology Association (GTA.), Goa Management Association (GMA), Goa Chambers of Commerce and Industry (GCCCI), Poona College, Pune Maharashtra, Podar College Mumbai Maharashtra, Confederation of Indian Industries (CII), Goa Institute OF Public Administration and Rural Development (GIPARD ), Sanjay Center for special Education & Dnyanvardhini Diyyang Training College

- Renaming of college to M.E.S Vasant Joshi College of Arts & Commerce, Zuarinagar Goa.
- College celebrated Golden Jubilee year on Completion of 50 years of its inception
- Book released by the college showcasing events & activities of the college for the past 50 years

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s         | Project Title  | Date of Sanction and duration  | Funding Agency | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|--------------------------------|--|--------------------------------|----------------|----------------------|--|
| 01      | Champa Parab & Madhumeeta Dhar | Evaluation of self-help group's performance under GSRLM: A case study of Chicalim village of Mormugao taluka-Goa | September 2022 to January 2023 | GIPARD         | 15,000               | Completed in January 2023                      |

**Conferences/Workshops Organized (Nos. only)**

- International Level: 01
- National Level: 03
- State Level: 03

**Details of International Conferences / Workshops / Webinars organized**

- International Conference in Pune with Poona College (MOU Partner) on the topic advancing knowledge on multi-disciplinary practice on 17<sup>th</sup> & 18<sup>th</sup> March 2023.

**Publications:**

| Publications                   | Cat-I<br>Scopus, Web of Science, ICI indexed journals | Cat-II<br>UGC Recognized | Cat-III<br>ISSN        | Total        |
|--------------------------------|---|--------------------------|------------------------|--------------|
| I. Research papers in Journals | -   | 06                       | -                      | 06           |
|                                | <b>Foreign Publisher</b>                              | <b>Indian Publisher</b>  | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books         | -   | 04                       | -                      | 04           |

|                                    |           |           |          |           |
|------------------------------------|-----------|-----------|----------|-----------|
| a. Research papers in Edited Books | 01        | 01        | -        | 02        |
| <b>Total</b>                       | <b>01</b> | <b>11</b> | <b>-</b> | <b>12</b> |

**Papers presented in Conferences /Seminars / Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 20           | 04         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 03     | -            | -          |

**No. of Teachers pursuing Ph.D.:11**

**Awards:**

| Name of the faculty member | Title of the Award        | Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award               |
|----------------------------|---------------------------|---|
| Prof. Dr. Manasvi M. Kamat | Goa Star Woman award 2023 | Goa Panchayat Mahila Shakti Abhiyan, Rebuild India Trust in association with Directorate of Panchayat, Govt. of Goa |
| Dr. Sonal Thakker          | Best Research Paper Award | Kuvempu University, Shimoga   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | --               | 2            | 6           | 8         | 2           | 2            | 1           | 5        |
| State                 | --               | 4            | 4           | 8         | --          | --           | --          | --       |
| National              | 1                | --           | --          | 1         | 1           | --           | 2           | 3        |
| International         | 2                | --           | 2           | 4         | --          | --           | --          | --       |
| <b>Total</b>          | <b>3</b>         | <b>6</b>     | <b>12</b>   | <b>21</b> | <b>3</b>    | <b>2</b>     | <b>3</b>    | <b>8</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date  | Name of the organizer                        | Place won 1st/2nd/3rd |
|---|--|--|--|-----------------------|
| Madan H.U                               | Karate (Individual Kata – Black Category)              | Shivamogga Open 3 <sup>rd</sup> International Karate Championship 2022 20 <sup>th</sup> – 21 <sup>st</sup> Aug. 2022 | Karnataka State Karate Association           | 1 <sup>st</sup> Place |
| Saish Parvatkar                         | Karate (Individual Kata – Brown Category)              | Shivamogga Open 3 <sup>rd</sup> International Karate Championship 2022 20 <sup>th</sup> – 21 <sup>st</sup> Aug. 2022 | Karnataka State Karate Association           | 1 <sup>st</sup> Place |
| Saish Parvatkar                         | Karate (Individual Kata)                               | SKIA International Karate Championship 2022 5 <sup>th</sup> – 6 <sup>th</sup> Nov. 2022                              | Shotokan Karate Do Indian Association (SKIA) | 3 <sup>rd</sup> Place |
| Saish Parvatkar                         | Karate (Individual Kumite)                             | SKIA International Karate Championship 2022 5 <sup>th</sup> – 6 <sup>th</sup> Nov. 2022                              | Shotokan Karate Do Indian Association (SKIA) | 3 <sup>rd</sup> Place |
| Rahul Nagavat                           | Kabaddi (Men)  | 69 <sup>th</sup> Senior National Kabaddi Championship 2022 21 <sup>st</sup> – 24 <sup>th</sup> July 2022             | Amateur Kabaddi Federation of India          | 3 <sup>rd</sup> Place |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)**

- Prof. Dr. Manasvi M. Kamat was awarded Goa Star Woman award 2023 by Goa Panchayat Mahila Shakti Abhiyan, Rebuild India Trust in association with Directorate of Panchayat, Govt. of Goa.
- Dr. Sonal Thakker was awarded Best Research Paper Award by Kuvempu University, Shimoga
- Dr. Deepak Gosavi was awarded Ph.D. 30<sup>th</sup> April 2022 from Shivaji University Kolhapur Maharashtra

## 5A.7 V V M's Shree Damodar College of Commerce & Economics, Margao

**Year of Establishment:** 1973

**College Address:** Shree Damodar Educational Campus, G.R. Kare Road, Tansor, Comba, Margao, Goa - 403601

**Principal's Details:**

**Name:** Prof. Prita D. Mallya

**Contact No:** 0832-2722500/511

**Email:** principal.sdcc@vvm.edu.in

**College website:** [www.damodarcollege.edu.in](http://www.damodarcollege.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period          |
|-----------------|-------|------|-----------------------|--------------------------|
| 4 <sup>th</sup> | A     | 3.03 | 2021                  | 30-11-2021 to 29-11-2026 |

**Courses offered, sanctioned and filled strength:**

| Course Offered   | Sanctioned Strength<br>Entry level<br>Total | Filled Strength<br>Entry level<br>Total |
|--|---|---|
| Bachelor of Commerce ( <b>B.COM</b> )  | 264   | 248                                     |
| Bachelor of Computer Applications ( <b>BCA</b> )                             | 80  | 79                                      |
| Bachelor of Vocation in Software Technologies( <b>B.Voc.(ST)</b> )           | 40  | 39                                      |
| Bachelor of Business Administration in Financial Services ( <b>BBA(FS)</b> ) | 80  | 78                                      |
| Bachelor of Business Administration ( <b>BBA</b> )                           | 30  | 29                                      |
| Master of Commerce ( <b>M.COM</b> )  | 46  | 46                                      |
| Postgraduate Diploma in Finance and Taxation ( <b>PGDFT</b> )                | 40  | 12                                      |

**Any new course(s) started:** Bachelor of Business Administration BBA (General)

**Faculty strength:** 22

**Conferences/Workshops Organized (Nos. only)**

International Level: 01

National Level: 02

State Level: 02

**Publications:**

| Publications                                   | Cat-I  | Cat-II           | Cat-III         | Total |
|--|--|------------------|-----------------|-------|
|  | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |       |
| I. Research papers in Journals                 | 01   | 08               | --              | 09    |
|  | Foreign Publisher                            | Indian Publisher | Local Publisher | Total |
| II. Books/Edited Books                         | --   | --               | --              | --    |
| a. Research papers in Edited Books             | --   | 01               | --              | 01    |
|  | International                                | National         | Local           | Total |
| III. Research papers in Conference Proceedings | --   | 01               | --              | 01    |
| Total  | 01   | 10               | --              | 11    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 0      | 11           | 07         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 0      | 0            | 4          |

**Teachers who obtained research degree during the year:**

| M.Phil. | Ph.D. |
|---------|-------|
| 0       | 01    |

**No. of Teachers pursuing Ph.D.: 06****Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | -                | -            | -           | -     | 1           | 2            | 1           | 4     |
| Total                 | -                | -            | -           | -     | 1           | 2            | 1           | 4     |

## 5A.8 Dnyanprassarak Mandal's College & Research Centre, Assagao

**Year of Establishment:** June, 1974

**College Address:** Assagao, Bardez, Goa – 403 507.

**Principal's Details:**

**Name:** Prof. D. B. Arolkar

**Contact No:** (0832) 2995683 / 2994488

**Email:** dbarolkar@rediffmail.com

**College website:** [www.dmscollege.ac.in](http://www.dmscollege.ac.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|------|-----------------------|-----------------|
| 4 <sup>th</sup> | A     | 3.15 | 2021                  | 05/12/2026      |

**Courses offered, sanctioned and filled strength:**

| Courses offered                          | Sanctioned Strength<br>Entry Level (Total) | Filled Strength<br>Entry Level (Total) |
|--|--|--|
| B.A.                                     | 120  | 120                                    |
| B.Sc.                                    | 160  | 90                                     |
| B.Com.                                   | 300  | 293                                    |
| B.B.A.                                   | 60   | 59                                     |
| B.C.A.                                   | 60   | 59                                     |
| M.Com. Part I & II                       | 63 and 63                                  | 20 and 12                              |
| M.Sc. (Pharm. Chem.) Part I & II         | 38 and 38                                  | 36 and 36                              |
| M.Sc. (Organic Chemistry)<br>Part I & II | 38 and 38                                  | 37 and 36                              |
| M.Sc. Environmental Science              | 30 and 30                                  | 08 and 31                              |

**No. of Candidates, subject wise, registered for Ph.D. under the Research Center:**

| No. of Candidates<br>Registered for Ph. D | Subject wise | Research Center |
|---|--------------|-----------------|
| 02  | Chemistry    | Cluster System  |
| 04  | Commerce     | Cluster System  |

**Faculty strength:** 106 nos.

**Achievements of the College:**

- Our college is ranked among top 150 Colleges in India by India Today. The college has been selected under the “Unnat Bharat Abhiyan”, by MHRD, Government of India.
- Our college has undergone the 4<sup>th</sup> Cycle of accreditation and has been awarded A Grade and



a Score of 3.15 by the National Assessment and Accreditation Council (NAAC).

- A team of 11 members participated and won the FIRST PLACE in the One Act Play event for the State Youth Festival organized by the Directorate of Youth and Sports Affairs, Government of Goa. The team represented the state at the National Youth Festival 2023 held at Hubli – Dharwad.
- The college Ghumat Aarti team participated in FIVE Inter-Collegiate Ghumat Aarti Competitions and won the FIRST PLACE in 04 competitions and bagged the Runners-up position in one competition. Mr. Atharva Kakatkar from S.Y.B.A. 'B' was conferred with the individual prize for BEST SINGER in two competitions and Mr. Vaman Shirodkar from T.Y.B.Com. 'D' bagged the individual prize for BEST SAMEL in three competitions. The cultural association also conducted the All Goa Inter-Collegiate Ghumat Aarti Competition on 27<sup>th</sup> August, 2022.
- Ms. Utkarsha evodkar of S.Y.B.C.A. won the First Place at the Inter-Collegiate Elocution Competition organized by Quepem Urban Co-operative Society Ltd., and bagged consolation prize organized by Directorate of vigilance and Directorate of Higher Education as a part of the Vigilant Awareness Week.
- Mr. Jitesh Haldankar, ex-student of our college cleared his Chartered Accountant Examination in First Attempt in the year 2022.
- Three of our Naval Cadets Cadet Captain Purvaja Somappa Rathod, P.O. Cadet Rohit Dugappa Kattimani and Leading Cadet Uday Kishore Jha were selected to attend All India Nau-Sainik Camp 2022 held at Vishakapatnam. Out of total six cadets from Goa, three cadets were from our College.
- P.O. Cadet Mohammad Anwar Shah, P.O Cadet Parth Pramod Raut Desai and Leading Cadet Shivraj Basuraj Godekar attended Pre-RDC/IGC 2022 final phase held at Bengaluru.
- Ms. Poorva Bhaidkar of TY BCom. 'B' and Ms. Metali Gawandkar of SY BCom. 'B' were members of the Goa Cricket Association Senior Women's One Day Tournament organized by BCCI from 18<sup>th</sup> January to 29<sup>th</sup> January, 2023 at Assam (Guwahati).
- The college team won Third Place at 'Cinemanía', an Inter-Collegiate event organized by Don Bosco College, Panaji. The college BCA students also won the Championship at the Inter-Collegiate IT event 'Colossus 10.0' organized by the same college.
- Ms. Anushka Telang and group won First Prize for the Swachh Bharat Student Internship (SBSI) Competition conducted by Goa University. They won cash prize for the second consecutive year.
- Ms. Pranjal Mandrekar was awarded First Prize for Poster Presentation at T.Y.B.Sc. Symposium. Two students of M.Sc. Organic Chemistry underwent Internship Training on '**Flow Chemistry**' at IISER Pune in 2022.
- The college team won the First Runners up Place at the Students' Parliament Competition organized by the Goa State Legislative Assembly and also won four individual prizes.

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One Lakh)**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b> | <b>Project Title</b>  | <b>Date of Sanction and duration</b>     | <b>Funding Agency</b>                                   | <b>Amount (Rs in Lakhs)</b> | <b>Specify whether sanctioned / completed with date</b> |
|----------------|-------------------------------|---|--|---|-----------------------------|---|
| 01.            | Dr. Umesh Gawas               | Synthesis and Characterization of Nanostructured Metal Oxide composites for Gas sensing Applications.   | 7 <sup>th</sup> June, 2022 for 3 years   | Department of Science and Technology & waste Management | Rs. 2,50,000/-              | Sanctioned  |
| 02.            | Dr. Ankeeta A. Amonkar        | Physiochemical and Geotechnical Studies on Laterites of Goa: An integrated approach in Understanding Economic Status and Development of Sustainable Model | 26 <sup>th</sup> Sept. 2022, for 2 years | SERB-DST  | Rs. 30,00,000/-             | Sanctioned  |
| 03.            | Dr. Rajesh M. Pednekar        | Atal Community Innovation Centre  | December, 2022<br>5 Years                | NitiAayog   | Rs. 2,50,000,00/-           | Sanctioned  |

**Sponsored Consultancy Work sanctioned during the reporting period (Include only consultancy projects with minimum Rs. One Lakh)**

1. Consultancy for Times of India by Mr. Shripad Merchant of Rs. 1.8 lakhs.

**Conferences/Workshops Organized (Nos. only)**

- **International Level:** Webinar : 02
- **National Level:** Conference: 01
- **State Level:** Conference: 01
- **Seminar:** 01
- **Workshop:** 05

**Details of International Conferences/Workshops/Webinars organized:**

- International Webinar : 02

**Publications:**

| <b>Publications</b>                           | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         | <b>Total</b> |
|---|---|-------------------------|------------------------|--------------|
|   | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals                | 07  | 03                      | 01                     | 11           |
|   | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                        | --  | --                      | --                     | --           |
| a. Research papers in Edited Books            | 05  | 05                      | --                     | 10           |
| b. Books                                      | --  | 02                      | --                     | 02           |
|   | <b>International</b>                                | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| II. Research papers in Conference Proceedings | 04  | 09                      | 01                     | 14           |
| <b>Total</b>                                  | <b>16</b>   | <b>19</b>               | <b>02</b>              | <b>37</b>    |

**Papers presented in Conferences/ Seminars/ Workshops:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| NIL           | 18                  | 06                |

**Invited Lectures given by the faculty:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| --            | 04                  | 22                |

**Teachers who obtained research degree during the year:**

| <b>M.Phil.</b> | <b>Ph.D.</b> |
|----------------|--------------|
| ---            | 01           |

**No. of Teachers pursuing Ph.D.: 15****Awards:**

| <b>Name of the faculty member</b> | <b>Title of the Award</b>                                      | <b>Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies),<br/>Date of award</b> |
|-----------------------------------|--|---|
| Prof. Vidya Desai                 | Orchids award for women achiever in the field of Education     | Global to Local, 17/11/2022.  |
| Prof. Vidya Desai                 | Pradnya Shakti Puraskar in the field of Science and Technology | Vidnyan Parishad - Goa Unit, 6/05/2023.   |

### Sports Achievements of Students:

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | 16               | 10           | 16          | 42        | 4           | 1            | 5           | 10        |
| State                 | 1                | --           | 1           | 2         | --          | --           | --          | --        |
| National              | 4                | 2            | 1           | 7         | --          | --           | 1           | 1         |
| International         | --               | --           | --          | --        | --          | --           | 1           | 1         |
| <b>Total</b>          | <b>21</b>        | <b>12</b>    | <b>18</b>   | <b>51</b> | <b>4</b>    | <b>1</b>     | <b>7</b>    | <b>12</b> |

### Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date   | Name of the organizer | Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> |
|---|--|---|-----------------------|---|
| Aayush Anant Gadekar                    | Volleyball   | Special Olympics 12 <sup>th</sup> June to 28 <sup>th</sup> June 2023                      | Germany (Berlin)      | 3 <sup>rd</sup> Place                                       |
| Reshma Rathod                           | Tennis Ball Cricket                                    | 33 <sup>rd</sup> Senior National Tennis Ball Cricket Championship                         | Jammu                 | 3 <sup>rd</sup> Place                                       |
| Niraj Sawant, Vishal Phutaneekar        | Tennis Ball Cricket                                    | 13 <sup>th</sup> Inter State Tennis Ball cricket Championship                             | Pokhra, Nepal         | 1 <sup>st</sup> Place                                       |
| Amey Chari                              | Sqay Martial Art                                       | Sqay Martial Art Championship, 26 <sup>th</sup> January to 5 <sup>th</sup> February 2023. | Haridwar, Uttarakhand | 1 <sup>st</sup> Place                                       |
| Amisha Kambli                           | Sqay Martial Art                                       | Sqay Martial Art Championship, 26 <sup>th</sup> January to 5 <sup>th</sup> February 2023. | Haridwar, Uttarakhand | 1 <sup>st</sup> Place                                       |

### Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution):

- Prof. Dilip B. Arolkar, Professor & Principal of the college is appointed as the 'Expert Member' of the Goa Coastal Zone Management Authority (GCZMA) by the Ministry of Environment and Forest, Government of India.
- Dr. M. Shanthi, Associate Professor, was elected to the Academic Council of Goa University for a period of two years.

### 5A.9 Goa Vidyaprasarak Mandal's Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda

**Year of Establishment:** 1986

**College Address:** G.V.M.'s G.G.P.R. College of Commerce and Economics Farmagudi,  
Ponda - Goa

**Principal's Details:**

**Name:** Prof. (Dr.) Teotone vaz

**Contact No:** 9822140587

**Email:** gvmcce@yahoo.in

**College website:** www.gvmcommercecollege.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle  | Grade | CGPA | Year of Accreditation | Validity Period |
|--------|-------|------|-----------------------|-----------------|
| Second | B     | 2.70 | March 2015            | March 2020      |
| Third  | -     | -    | In Process            | -               |

**Courses offered, sanctioned and filled strength:**

| Course Offered   | Sanctioned Strength |       | Filled Strength |   |
|--|---------------------|-------|-----------------|---|
|  | Entry level         | Total | Entry level     | Total                                       |
| Bachelor in Commerce (B.Com.) Honors                       |                     | 240   |                 | 239   |
| Master of Commerce (M.Com.) (Self-Financed )               |                     | 40    |                 | 13  |
| Bachelor of Computer Application (B.C.A.) (Self-Financed ) |                     | 40    |                 | 44 (10% additional seats with DHE approval) |

**Research Centre, If any:** Yes, in the subject of Economics (Part of cluster Research Centre Govt. College, Sanquelim)

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:** 04 (Economics)

**Faculty strength:** 23

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum ` One lakh)**

| Sr. No. | Name of Investigator/s     | Project Title                                  | Date of Sanction and duration   | Funding Agency                                   | Amount ( `in Lakhs) | Specify whether sanctioned/ completed with date                                  |
|---------|----------------------------|--|---|--|---------------------|--|
| 1.      | Dr. Geetanjali C. Achrekar | Sustainable Coastal Tourism development in Goa | 27/03/2018 and duration - Two years. Nine months extension given in COVID period till December 2020 | Directorate of Art & Culture, Government of Goa. | Three               | Submitted on 30/12/2020. Completion Approval from Selection committee 31/03/2023 |

#### Conferences/Workshops Organized (Nos. only)

- National Level: 01

#### Publications:

| Publications                                   | Cat-I  | Cat-II           | Cat-III         | Total     |
|--|--|------------------|-----------------|-----------|
|  | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in Journals                 | 02   | 01               | 01              | 04        |
|  | Foreign Publisher                            | Indian Publisher | Local Publisher | Total     |
| II. Books/Edited Books                         | -  | -                | -               | -         |
| a. Research papers in Edited Books             | 01   | 01               | -               | 02        |
|  | International                                | National         | Local           | Total     |
| III. Research papers in Conference Proceedings | -  | 02               | -               | 02        |
| <b>Total</b>                                   | <b>03</b>                                    | <b>04</b>        | <b>01</b>       | <b>08</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 03           | -          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 03         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| -        | -     |

No. of Teachers pursuing Ph.D.: 04

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 01               | 01           | 04          | 06    | 01          | -            | -           | 01    |
| <b>Total</b>          | 01               | 01           | 04          | 06    | 01          | -            | -           | 01    |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- **Dr. Geetanjali C. Achrekar** was invited as a Plenary Speaker on ‘Assessing COVID-19 Booster Hesitancy and Its Correlates: An Early Evidence from India’, at the 3<sup>rd</sup> International Virtual Conference on Vaccines & Infectious Diseases’, held during April 21-22, 2023, by Delight Scientific Conferences, U.K.

## 5A.10 P.E.S.'s Ravi S. Naik College of Arts & Science, Farmagudi, Ponda

**Year of Establishment:** 1986

**College Address:** Farmagudi, PondaGoa

**Principal's Details:**

**Name:** Dr. Vikas J. Pissurlekar

**Contact No:** 8329464616

**Email:** pessrsncol@gmail.com

**College website:** <http://www.pessrsncollege.edu.in>

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** Reaccredited by NAAC with A+ Grade and a CGPA of 3.47

**Courses offered, sanctioned and filled strength:**

| Course                |           | Sanctioned Strength | Filled strength |
|-----------------------|-----------|---------------------|-----------------|
| B.A.                  | F.Y.B.A.  | 180 + 10%           | 198             |
|                       | S.Y.B.A.  | 180                 | 180             |
|                       | T.Y.B.A.  | 180                 | 149             |
| B.Sc.                 | F.Y.B.Sc. | 240                 | 228             |
|                       | S.Y.B.Sc. | 240                 | 189             |
|                       | T.Y.B.Sc. | 240                 | 179             |
| M.Sc.(Org. Chemistry) | PARTI     | 38                  | 36              |
|                       | PARTII    | 38                  | 38              |
| M.Sc.(Microbiology)   | PARTI     | 25                  | 18              |
|                       | PARTII    | 25                  | 22              |

**Faculty strength:**

- Regular: 62
- Contract Basis: 24
- Lecture Basis: 16



**Sponsored Research Projects only sanctioned/ Completed during June 2022 and May 2023. (Include only research projects of minimum Rs one lakh)**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b> | <b>Project Title</b>   | <b>Date of Sanction and duration</b> | <b>Funding Agency</b>                             | <b>Amount (Rs in Lakhs)</b> | <b>Specify whether sanctioned/ completed with date</b> |
|----------------|-------------------------------|--|--------------------------------------|---|-----------------------------|--|
| 1.             | Dr. Varsha V. Kamat           | PM-YUVA mentorship scheme  | 6 months                             | National Book Trust, India, Ministry of education | 30,000                      | ongoing  |
| 2.             | Dr. Varsha V. Kamat           | Unsung heroes of freedom struggle of India   | 3 months                             | Ministry of Culture, India                        | 75,000                      | ongoing  |
| 3.             | Dr. Pritam Borkar Patil       | Green Synthesis of metal oxides for photocatalic degradation of dye effluents and hydrogen production  | 2 years                              | DST Goa   | 3,00,000                    | ongoing  |
| 4.             | Dr. Kiran S. Naik             | Hydrothermal synthesis of bioceramics  | 3 years                              | DST Goa   | 3,00,000                    | ongoing  |
| 5.             | Dr. Rasika Gaokar             | Bioremediation of toxic industrial pollutants from marine waters of Goa by alkaliphilic bacteria.  | 2 years                              | DST Goa   | 1,00,000                    | ongoing  |
| 6.             | Dr. Harsha P. Uskaikar        | Corrosion and corrosion in Habitat study in environment of Goa   | 3 years                              | DST Goa   | 2,50,000                    | ongoing  |
| 7.             | Dr. Sunita Borkar             | Efficiency of Haloalkaliphilic Phosphate solubilizing bacterium as bioinoculant for the growth of oxygen satire L. sat affected coastal saline solid | 3 years                              | DST Goa   | 2,50,000                    | ongoing  |
| 8.             | Dr. Flory Pereira             | Assessment of the water quality of beaches and well waters in goa for sustainability remediation   | 3 years                              | DST Goa   | 2,50,000                    | ongoing  |

**Conferences/ Workshops Organized (Nos. only):**

| Sr. No     | State | National | International |
|------------|-------|----------|---------------|
| Conference | ----- | -----    | 1             |
| Seminar    | 3     | 1        | -----         |
| Workshop   | 4     | -----    | -----         |

**Publications:**

| Publications                       | Cat-I  | Cat-II           | Cat-III         | Total     |
|------------------------------------|--|------------------|-----------------|-----------|
|                                    | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in Journals     | 9  | 5                | 2               | 16        |
|                                    | Foreign Publisher                            | Indian Publisher | Local Publisher |           |
| II. Books/Edited Books             | -  | -                | -               | -         |
| a. Research papers In Edited Books | 1  | -                | -               | 1         |
| b. Books                           | -  | -                | -               | -         |
| <b>Total</b>                       | <b>10</b>                                    | <b>5</b>         | <b>2</b>        | <b>17</b> |

**Papers presented in Conferences / Seminars / Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 8      | 14           | 7          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 1      | 7            | 11         |

**Teachers who obtained research degree during the year:**

| M.Phil. | Ph.D. |
|---------|-------|
| Nil     | 2     |

**No. of Teachers pursuing Ph.D: 12****Awards: Four**

| Sr. No. | Event | Level of Competition | Performance   | Event Organizers | Team/Individual |
|---------|-------|----------------------|---------------|------------------|-----------------|
| 1.      | Chess | State Level Inter    | Participation | Goa              | Team            |

|     |                   |   |               |                |      |
|-----|-------------------|---|---------------|----------------|------|
|     |                   | Collegiate Chess Championship                           |               | University     |      |
| 2.  | Table Tennis (M)  | State Level Inter Collegiate Table Tennis Championship  | Semi Finalist | Goa University | Team |
| 3.  | Table Tennis (W)  | State Level Inter Collegiate Table Tennis Championship  | Participation | Goa University | Team |
| 4.  | Badminton (M)     | State Level Inter Collegiate Badminton Championship     | Participation | Goa University | Team |
| 5.  | Badminton (W)     | State Level Inter Collegiate Badminton Championship     | Participation | Goa University | Team |
| 6.  | Swimming (M)      | State Level Inter Collegiate Swimming Championship      | Participation | Goa University | Team |
| 7.  | Swimming (W)      | State Level Inter Collegiate Swimming Championship      | Participation | Goa University | Team |
| 8.  | Power Lifting (M) | State Level Inter Collegiate Power Lifting Championship | Participation | Goa University | Team |
| 9.  | Judo (M)          | State Level Inter Collegiate Judo Championship          | Runner's Up   | Goa University | Team |
| 10. | Judo (W)          | State Level Inter Collegiate Judo Championship          | Participation | Goa University | Team |
| 11. | Taekwondo (W)     | State Level Inter Collegiate Taekwondo Championship     | Participation | Goa University | Team |
| 12. | Football (M)      | State Level Inter Collegiate Football Championship      | Participation | Goa University | Team |
| 13. | Kabaddi (W)       | State Level Inter Collegiate Kabaddi Championship       | Runner's Up   | Goa University | Team |
| 14. | Athletics (M)     | State Level Inter Collegiate Athletics Championship     | Participation | Goa University | Team |
| 15. | Athletics (W)     | State Level Inter Collegiate Athletics Championship     | Participation | Goa University | Team |

|     |                      |   |               |   |            |
|-----|----------------------|---|---------------|---|------------|
| 16. | Volleyball (M)       | State Level Inter Collegiate Volleyball Championship                        | Participation | Goa University                              | Team       |
| 17. | Volleyball (W)       | State Level Inter Collegiate Volleyball Championship                        | Participation | Goa University                              | Team       |
| 18. | Cricket (Women)      | West Zone Inter University Cricket Women Championship 2022-2023             | Participation | Association Of Indian Universities (AIU)    | Team       |
| 19. | Football (Men)       | All India Inter SAI Tournament  | Participation | Sports Authority Of India (SAI)             | Team       |
| 20. | Taekwondo (Women)    | 38 <sup>th</sup> Senior Mens And Women National Taekwondo Championship 2023 | Participation |   | Individual |
| 21. | Langadi (Women)      | 13 <sup>th</sup> Senior National Langadi Championship 2023                  | Runner Up     | Tamil Nadi Langdi Association               | Team       |
| 22. | Mallakhamb           | 36 <sup>th</sup> National Mallkhamb Game (National Games Gujarat)           | Bronze        | Indian Olympic Association (IOA)            | Individual |
| 23. | Table Tennis (Women) | West Zone Inter University Table Tennis Women Championship 2022-2023        | Participation | Association Of Indian Universities (AIU)    | Team       |
| 24. | Volleyball (Men)     | West Zone Inter University Table Tennis Women's Championship 2022-2023      | Participation | Association Of Indian Universities (AIU)    | Team       |
| 25. | Cricket (Women)      | Senior Women's T-20 League Tournament                                       | Participation | Board Of Control For Cricket In India(BCCI) | Team       |
| 26. | Judo (Men)           | National Games Gujarat  | Participation | Indian Olympic Association (IOA)            | Individual |
| 27. | Judo (Men)           | Senior National Judo Championship 2022-2023.                                | Participation |   | Individual |
| 28. | Tchouk Ball          | XII Junior National   | Participation |   | Team       |

|     |               |  |               |   |      |
|-----|---------------|--|---------------|---|------|
|     | (Women)       | Tchouk Ball Championship For Men And Women.                  |               |   |      |
| 29. | Cricket (Men) | (State Level) Inter Collegiate Hard Ball Cricket Tournament. | Participation | Government College of Arts, Science & Commerce, Sanquelim | Team |

### 5A.11 Cuncolim Educational Society's College of Arts and Commerce, Cuncolim

**Year of Establishment:** 1987

**College Address:** C.E.S. College of Arts and Commerce Cuncolim-Salcete-Goa

**Principal's Details**

**Name:** Dr. Sanjay P. Sawant Dessai

**Contact No:** 2865210, whatsapp: 8766614175

**Email:** principal@cescollege.ac.in

**College website:** www.cescollege.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|------|-----------------------|-----------------|
| 2 <sup>nd</sup> | B     | 2.33 | 2018                  | November 2023   |

**Courses offered, sanctioned and filled strength: BA, BSc, MSc (Chemistry)**

| Course Offered | Sanctioned Strength |         | Filled Strength |       |
|----------------|---------------------|---------|-----------------|-------|
|                | Entry level         | (Total) | Entry level     | Total |
| B.A.           | 360                 |         | 356             |       |
| B.COM          | 360                 |         | 190546          |       |

**Research Centre, If any:** Yes (Cluster)

**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:**

Commerce -- 05

Geography -- 01

**Faculty strength : Full time -- 22**

## Publications

| Publications                   | Cat-I  | Cat-II         | Cat-III | Total |
|--------------------------------|--|----------------|---------|-------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |       |
| I. Research papers in Journals | 03   | 03             | NIL     | 06    |
| Total                          | 03   | 03             | --      | 06    |

### Invited Lectures given by the faculty:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 04           | 04         |

No. of Teachers pursuing Ph.D.: 03

### Sports Achievements of Students:

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 01               | --           | 01          | 02    | --          | --           | --          | --    |
| Total                 | 01               | --           | 01          | 02    | --          | --           | --          | --    |

## 5A.12 Government College of Arts, Science and Commerce, Sanquelim

**Year of Establishment:** 1988

**College Address:** Govt. College of Arts Science and Commerce, Sanquelim, Goa.

### Principal's Details:

**Name:** Prof. Gervasio S.F.L. Mendes (Offg. Principal)

**Contact No:** Ph. No. (0832) 2364271

**Email:** [gcasc@gmail.com](mailto:gcasc@gmail.com)

**College website:** [www.gcasc.ac.in](http://www.gcasc.ac.in)

### The NAAC accreditation Status:

| Cycle           | Grade | CGPA      | Year of Accreditation | Validity Period          |
|-----------------|-------|-----------|-----------------------|--------------------------|
| 2 <sup>nd</sup> |       | 3.17/4.00 | 2017                  | 12/09/2017 to 11/09/2022 |

**Courses offered, sanctioned and filled strength:**

| <b>Course Offered</b>             | <b>Sanction Strength<br/>Entry level (Total)</b> | <b>Filled strength<br/>Entry level (Total)</b> |
|-----------------------------------|--|--|
| F.Y.B.A.                          | 300  | 218  |
| S.Y.B.A.                          |  | 169  |
| T.Y.B.A.                          |  | 168  |
| F.Y.B.Sc.                         | 180  | 141  |
| S.Y.B.Sc                          |  | 134  |
| T.Y.B.Sc                          |  | 148  |
| F.Y.B.Com.                        | 180  | 124  |
| S.Y.B. Com.                       |  | 102  |
| T.Y.B. Com.                       |  | 92   |
| B. Voc.                           | 40   | 18   |
| M.A. Hindi (Part-I)               | 30   | 35   |
| M.A. Hindi (Part-II)              |  | 20   |
| M.A. Economics (Part-I)           | 30   | 15   |
| M.A. Economics (Part-II)          |  | 23   |
| M.Sc. Maths (Part-I)              | 42   | 32   |
| M.Sc. Maths (Part-II)             |  | 39   |
| M.A. English (Part-I)             | 30   | 20   |
| M. A. English (Part-II)           |  | 16   |
| Ph.D. Research Centre (Economics) | ---  | 23   |
| Ph.D. Research Centre (Hindi)     | ---  | 09   |
| PGDAS                             | 30   | 11   |

**Research Centre, If any:** Cluster Research Centre in Economics and Hindi

**Any new course(s) started:** Bachelor of Vocation (Banking Financial Services and Insurance)

**Faculty strength:** 61

**Achievements of the College:**

Government College, Sanquelim is the first college in Goa and in India for carrying out the Third Party Audit of RTI Act 2005 co-ordinated by Dr. Agnela Dias, PIO of RTI under the supervision of the Principal of the college. The college scored a first class in the Third Party Audit of RTI Act 2005.

**Sponsored Research Projects sanctioned/Completed during June 2022 and May 2023  
(Include only research projects of minimum Rs. One lakh)**

| Sr. No | Name of the Investigator/s | Project Title  | Date of Sanctioned and duration | Funding Agency                                    | Amount (Rs. In Lakhs) | Specify whether sanctioned/ongoing or completed |
|--------|----------------------------|--|---------------------------------|---|-----------------------|---|
| 1.     | Mr. Evereth Fernandes      | D.D. Kosambi Research fellowship scheme in Senior Category | 2021<br>2 years                 | Directorate of Art and Culture, Government of Goa | 1,20,000/-            | Ongoing   |

**Conferences/Workshops Organized :**

- State Level:01
- National Level: Conferences -02, Workshop -01, Seminar – 01
- International Level: 01

**Details of International Conferences/Workshop organized:**

- A two-day International Seminar on the theme 'Hindi Sahitya Mein Abhivyakt Vishwa Ka Aarthik Paridrishya' was organized by Government College of Arts, Science and Commerce, Sankhali in collaboration with the Directorate of Higher Education, Government of Goa on 10th and 11th March 2023 at Pilar Pilgrim Centre, Pilar, Goa.

**Publications:**

| Publications*                       | Cat-I  | Cat-II           | Cat-III         | Total     |
|-------------------------------------|--|------------------|-----------------|-----------|
|                                     | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in journals      | 02   | 05               | 05              | 12        |
|                                     | Foreign Publisher                            | Indian Publisher | Local Publisher |           |
| II. Books/Edited Books              |  |                  |                 |           |
| (a) Research Papers in Edited Books | Nil  | Nil              | 01              | 01        |
| <b>Total</b>                        | <b>02</b>                                    | <b>05</b>        | <b>06</b>       | <b>13</b> |



**Papers presented-in Conferences/Seminars /Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 03           | 01         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 01           | 12         |

**No. of teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| Nil      | 02    |

**No. of Teachers pursuing Ph.D.: 07****Awards / Honours:**

| Name of the Teacher            | Name of the activity  | Name of the Award/ recognition | Name of the Awarding government/ government recognized bodies |
|--------------------------------|---|--------------------------------|---|
| Prof. Gervasio S. F. L. Mendes | Remarkable leadership and for his consistent efforts in leading the Government College of Arts, Science and Commerce, Sanquelim, Goa to newer heights | Special Honour                 | Central Hindi Institute, Government of India                  |
| Prof. Gervasio S. F. L. Mendes | Outstanding performance as Nodal Officer SVEEP, North Goa   | Special Recognition            | Office of the Chief Electoral Officer, Goa                    |
| Prof.Soniya Sirsat             | Remarkable contribution and dedication towards Indian Languages   | Special Honour                 | Bharat Utthan Nyas, Kanpur                                    |
| Prof. Soniya Sirsat            | Remarkable contribution pertaining to Hindi language and literature in Goa  | Special Honour                 | Central Hindi Institute, Government of India                  |

**Sports Achievements: (Specify only the number of winners)**

| Level of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                      | First Place      | Second Place | Third place | Total | First Place | Second Place | Third place | Total |
| Intercollegiate      | 02               | 01           | 02          | 05    | Nil         | Nil          | 05          | 05    |
| Total                | 02               | 01           | 02          | 05    | Nil         | Nil          | 05          | 05    |

**Details of the Sports Achievements at National and International Level only.**

| Sr. No. | Name of the Student   | Name of the event in which participated | Name of the tournament/event with date                                      | Name of the organizer                         |
|---------|-----------------------|---|---|---|
| 1       | Harsh Patre           | Football                                | South Asian Football Federation 25th July to 5th August 2022                | South Asian Football Federation               |
|         |                       |   | Asian Cup Qualifiers 14th to 18th October 2022                              | Asian Football Federation                     |
| 2       | Rifa Moinuddin Shaikh | Badminton                               | West Zone Inter University Badminton Championship                           | Ramanand Teerth Marathwada University, Nanded |
| 3       | Smitesh Divekar       | Badminton                               | West Zone Inter University Badminton Championship                           | University of Kota                            |
| 4       | Abhishek Swami        | Badminton                               | 45th Junior National Badminton Championship 2022 19th to 24th December 2022 | KIIT University odisha                        |
| 5       | Vithalraj Gawas       | Volleyball                              | West Zone Inter University Volleyball Championship                          | Ramanand Teerth Marathwada University, Nanded |
| 6       | Yeshwant Gawade       | Football                                | Inter University all India Football Championship                            | University of Kota                            |

## Any other Special Achievements of faculty and students:

### Faculty:

1. Two of our teachers, namely Dr. Arati Panshekar and Dr. Ramashanti Naik, have been awarded Doctoral Degrees.
2. Mr. Prajyot Patil and Ms. Pooja Dalvi has attended Internship at IIT-Goa.
3. Our staff Dr. Rajesh Parvatkar, Dr. Dattaprasad Narulkar, Dr. Sagar Patil, Ms. Magnolia Aurea Miranda and Ms. Delia Cardozo have contributed in designing and developing the MOOC courses in Chemistry and Geology respectively.
4. All the teachers of the college have contributed immensely in the DISHTAVO project of the DHE and are also involved in creating the modules in Konkani.
5. Prof. Soniya Sirsat was honoured for her remarkable contribution and dedication towards Indian Languages by Bharat Utthan Nyas, Kanpur

### Students

1. The students of the Department of Geography participated in Prospective Geographers State Level Convention, an inter-collegiate event, organized by Government College of Arts, Science and Commerce, Khandola, Goa on 21<sup>st</sup> January 2023 and secured overall Third place.
2. The students of the Department of Geography participated in State Level Inter Collegiate Event “BRAHMAND” organized by Ganpat Parsekar College of Education, Harmal, Pernem, Goa on 27<sup>th</sup> January 2023 and won the Winner’s Trophy.

## 5A.13 Goa College of Home Science, Campal, Panaji.

**Year of Establishment:** 1988

**College Address:** Goa College of Home Science Opp. Parade Ground, Campal, Panaji- Goa

### Principal’s Details:

Name : Dr. Mahesh Pai, Principal  
Contact No : 2227603  
Email : principalgchs@rediffmail.com

**College website:** [www.goahomescience.gov.in](http://www.goahomescience.gov.in)

### Courses offered:

| Course Offered   | Sanctioned Strength |         | Filled Strength |       |
|--|---------------------|---------|-----------------|-------|
|  | Entry level         | (Total) | Entry level     | Total |
| B.Sc. (Hons.) Home Science   | 60                  | 180     | 35              | 123   |
| •Food, Nutrition & Dietetics<br>•Textiles & Clothing<br>•Human Development |                     |         |                 |       |

**Faculty strength: 14**

**Achievements of the College: Only institutional achievements should be mentioned. -**

### **INSTITUTIONAL ACHIEVEMENTS DURING THE ACADEMIC YEAR 2022-2023**

#### **GOOD ACADEMIC PERFORMANCE**

Out of 41 students that appeared for the T.Y.B.Sc. University examinations, 1 received A+, while 13 received A, and 14 received B+ CGPA.

#### **NATIONAL LEVEL SEMINAR ORGANIZED**

A 2-Day National Seminar On “Integrative Therapy, Innovations, And Best Practices in Counselling” was organized by the Goa College of Home Science in association with the Directorate of Higher Education, and held on 2nd and 3rd March 2023 at Sanskruti Bhavan, Patto Plaza, Panaj-Goa with the aim of bridging the gap between theory and practice of Counselling, and also to provide a platform for mental health professionals to exchange views about innovations and best practices in the field of Counselling. The Convenors of this National Seminar were Assistant Professor of Human Development and Larissa Rodrigues Principal Prof. Mahesh Pai. Dr. Anuradha Bakshi, Principal of the College of Home Science, Nirmala Niketan, Mumbai, delivered the Keynote Address while Dr. Bhushan Bhawe, Principal of Vidya Prabodhini College of Commerce, Education, Computer, and Management situated at Porvorim, Goa, was the Chief Guest at the Valedictory Function.

#### **RESEARCH STUDIES UNDERTAKEN IN COLLABORATION WITH GIPARD**

During the period October 2022 and January 2023, two research studies were undertaken which were funded by the National Bank for Agriculture and Rural Development (NABARD):

- Assistant Professor Ms. Larissa Rodrigues completed a research study titled “Assessment and Functioning of Garbage Management Committees in Village Panchayats in Bardez taluka” funded by GIPARD, the results of which will be taken up for consideration and action by the Government of Goa.
- Assistant Professor Sheryl Afonso e D’Souza conducted a research study titled “The Influence of Family Dynamics and Educational Institutes on Adolescent Substance Abuse in Goa” funded by GIPARD.

#### **EXTENSION WORK UNDERTAKEN**

- Assistant Professor Larissa Rodrigues coordinated the conduct of the “ACTIZEN” civic activities in schools, a project by the Desh Apnayen Foundation, by harnessing the expertise and the combined efforts of the students of Goa College of Home Science, from September 2022 to February 2023. The programme had the volunteers supervise and report on the pre-designed modules related to civic engagement of the school students.
- Assistant Professor Ms. Larissa Rodrigues added to the body of knowledge regarding hygiene in Panaji city by way of undertaking, with student volunteers and in collaboration with ComePostVille, People for Panjim Parks - Voluntary Health Association of Goa, a Survey of Public Toilets in Panaji City. The Report, presented to the Commissioner of the Corporation of the City of Panjim (CCP) in January 2023,

aimed at relooking at and taking corrective action as regards sanitation in the capital of Goa.

- In November 2022, Assistant Professor Mitali Bhate coordinated the conduct of a student activity aimed at “Nutrition, Gender Equality, Mental Wellbeing, and Sustainable Environment” as she attempted to drive home these important aspects of student and community teaching and learning. The students of T.Y.B.Sc. (Hons.) Home Science performed skits under these themes for the children and the women at the St. Inez Anganwadi, in collaboration with the Urban Health Centre, Panaji, and the Chincholem Anganwadi, as they strove to convince the audience regarding the importance of behaviour change in attaining self, societal, and environmental wellness.

### **STUDENTS AND STAFF EXCEL IN SPORTS**

Special trophies for Outstanding Performance in Sports during the Academic Year 2022-2023 were presented to the following students and Teaching Staff members:

- Joviette Moniz, a student of the Second Year, who participated in and won medals at numerous Inter-College Competitions. She won the Gold Medal in the under-69 kg weight category Dead lift Competition organized by GVMs College, Farmagudi, Ponda, and was also awarded the “Strongest Woman Title” at the Competition. Joviette also won the second place at the Power lifting competition organized by Decathlon Calangute, the 3rd place at the Power lifting Competition held at Shree Krishna Mandir Margao, the first place in the State Bench Press Championship organized by Rajiv Gandhi Kala Mandir Ponda, the Second Place at the State Bench Press Championship organized by Bharatiya Janata Yuva Morcha Dabolim, and the First Place in the State Dead lift Championship organized by Chowgule Sports Centre Margao. So, if anybody bore thoughts that weightlifting was not a women’s thing, Joviette proved them all wrong!
- Taysha Cabral, a student of the First Year, who won Gold in the Junior and Senior category Judo Championships. Taysha was awarded a trophy for the Best Judoka in the Junior Girls category for the State Level Judo Competition held at Narayan Zantye Multipurpose Sports Complex, Bicholim, Goa.
- Assistant Professors Suman Gosavi and Sheryl Afonso e D’Souza participated in recognized long-runs and half-marathons in the State. They took part in the Run for Unity organized by the Directorate of Sports & Youth Affairs in October 2022, with Ms. Gosavi winning the first place and Ms. Afonso e D’Souza coming in second in the 15 km run. Assistant Professor Dr. Harshita Bisht competed in the 5 km run category of the Event. Ms. Gosavi and Ms. Afonso e D’Souza also participated in the Ironman 70.3 Goa held in November 2022, and completed the 21 km course run of the world-renowned triathlon. Ms. Gosavi was adjudged Second Place winner in the 21 km run organized by Goa University in December 2022, while Ms. Sheryl Afonso e D’Souza was content completing it within the specified time.

### **Conferences/Workshops Organized (Nosonly)**

National Level: 1

### **Details of National Seminar organized**

A 2-Day National Seminar On “Integrative Therapy, Innovations, And Best Practices in Counselling” was organized by the Goa College of Home Science in association with the Directorate of Higher Education, and held on 2nd and 3rd March 2023 at Sanskruti Bhavan, Patto Plaza, Panaj-Goa with the aim of bridging the gap between theory and practice of Counselling, and also to provide a platform for mental health professionals to exchange views about innovations and best practices in the field of Counselling. The Convenors of this National Seminar were Assistant Professor of Human Development and Larissa Rodrigues Principal Prof. Mahesh Pai. Dr. Anuradha Bakshi, Principal of the College of Home Science, Nirmala Niketan, Mumbai, delivered the Keynote Address while Dr. Bhushan Bhawe, Principal of Vidya Prabodhini College of Commerce, Education, Computer, and Management situated at Porvorim, Goa, was the Chief Guest at the Valedictory Function.

### **Publications**

| <b>Publications</b>                           | <b>Cat-I</b>             | <b>Cat-II</b>           | <b>Cat-III</b>         | <b>Total</b> |
|---|--------------------------|-------------------------|------------------------|--------------|
|   | <b>Foreign Publisher</b> | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| I. Books/Edited Books                         |                          |                         |                        |              |
| a. Research papers in Edited Books            | -                        | 2                       | -                      | 2            |
| b. Books                                      | -                        | -                       | -                      | -            |
|   | <b>International</b>     | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| II. Research papers in Conference Proceedings | -                        | 2                       | -                      | 2            |
| <b>Total</b>                                  | -                        | <b>4</b>                | -                      | <b>4</b>     |

### **Papers presented in Conferences/Seminars/Workshops:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| -             | -                   | <b>2</b>          |

### **Invited Lectures given by the faculty:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| -             | -                   | <b>13</b>         |

**No. of Teachers pursuing Ph.D: 03**

### **Sports Achievements of Students:**

| <b>Levels of Competition</b> | <b>Individual Event</b> |                     |                    |              |
|------------------------------|-------------------------|---------------------|--------------------|--------------|
|                              | <b>First Place</b>      | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> |
| <b>Inter-collegiate</b>      | 5                       | 2                   | 1                  | 8            |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution):**

Out of 41 students that appeared for the T.Y.B.Sc. University examinations, 1 received A+, while 13 received A, and 14 received B+.

**5A.14 Government College of Arts, Science and Commerce, Quepem**

**Year of Establishment:** 1989

**College Address:** Government College of Arts, Science and Commerce, Quepem, Goa

**Principal's Details:**

**Name:** Prof. Joydeep Bhattacharjee

**Contact No:** 9579671708

**Email:** govtcollegequepem@gmail.com

**College website:** www.gcq.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|-------|-------|------|-----------------------|-----------------|
| 2     | A     | 3.23 | 2016                  | 2021            |

**Courses offered, sanctioned and filled strength:**

| Course Offered       | Sanctioned Strength |       | Filled Strength |       |
|----------------------|---------------------|-------|-----------------|-------|
|                      | Entry level         | Total | Entry level     | Total |
| Bachelor of Arts     | 300                 |       | 260             |       |
| Bachelor of Commerce | 240                 |       | 200             |       |
| Bachelor of Science  | 240                 |       | 200             |       |

**Research Centre, If any:** Yes. Konkani

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:** 05

**Faculty strength:** 65 full time

**Conferences/Workshops Organized (Nos. only)**

- National Level: 02

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III   | Total     |
|--------------------------------|--|----------------|-----------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN      |           |
| I. Research papers in Journals | 10   | 20             | 01        | 31        |
| <b>Total</b>                   | <b>10</b>                                    | <b>20</b>      | <b>01</b> | <b>31</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 03           | 25         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | NIL          | 05         |

**No. of Teachers pursuing Ph.D.: 07****Sports Achievements of Students:**

| Levels of competition | Individual event |              |             |           | Team event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First place      | Second place | Third place | Total     | First place | Second place | Third place | Total     |
| Inter-collegiate      | 14               | 13           | 10          | 37        | 06          | 03           | 02          | 11        |
| State                 | 03               | NIL          | NIL         | 03        | 03          | NIL          | NIL         | 03        |
| National              | 01               | NIL          | NIL         | 01        | 03          | NIL          | NIL         | 03        |
| <b>Total</b>          | <b>18</b>        | <b>13</b>    | <b>10</b>   | <b>41</b> | <b>12</b>   | <b>03</b>    | <b>02</b>   | <b>17</b> |

**Details of the top 5 sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the students/ captain of the team | Name of the event in which participated (sports/games) | Name of the Tournaments/sports events with date  | Name of the organizer | Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> |
|---|--|--|-----------------------|---|
| Dolly Fernandes                           | Sepaktakraw  | 32 <sup>nd</sup> senior National Sepaktakraw Championship, 16 <sup>th</sup> to 20 <sup>th</sup> October 2022, Kolkata (West Bengal).     |                       | 2 <sup>nd</sup> Place                                       |
| Ankita A Gaonkar                          | Tennikoit  | 22 <sup>nd</sup> West Zone National Tennikoit Championship, 23 <sup>rd</sup> to 25 <sup>th</sup> December 2022. Osmanabad (Maharashtra). |                       | 2 <sup>nd</sup> Place                                       |



|                     |                   |   |                             |
|---------------------|-------------------|---|-----------------------------|
| Veryan Chougule     | Roll Ball         | Ek Bharat Shrestha Bharat, 13 <sup>th</sup> to 15 <sup>th</sup> February 2023, Jammu & Kashmir.                                   | 2 <sup>nd</sup> Place       |
| Shresh A. S. Dessai | Sqay Martial Arts | 23 <sup>rd</sup> Sqay Martial Art National Championship, 1 <sup>st</sup> to 3 <sup>rd</sup> February 2023, Haridwar (Uttarakhand) | Gold/ 1 <sup>st</sup> Place |
| Aman Raut Dessai    | Badminton         | National Umpire (BAI), Jaipur(Rajasthan)  |                             |

**National Participation:**

Apart from above list 15 Students of GCQ participated for Nationals and all India Inter University Championship in Cross Country, Athletics, Kho-Kho, Kabaddi, Rollball, Sepak takraw and Sqay Martial Arts.

**5A.15 Government College of Arts, Science & Commerce, Khandola, Marcela**

**Year of Establishment:** 1989

**College Address:** Govt. College of Arts, Science & Commerce, Khandola, Marcela, Goa.

**Principal's details:**

**Name:** Prof. Purnakala V. Samant

**Contact No.:** 9326142001

**Email:** samantpurnakala@gmail.com / gcasck@rediffmail.com

**College Website:** www.khandolacollege.edu.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|-------|-------|------|-----------------------|-----------------|
| 2     | A     | 3.01 | 2016-17               | 05 years        |

**Courses offered, sanctioned and filled strength:**

| Course Offered     | Sanctioned Strength |       | Filled Strength |       |
|--------------------|---------------------|-------|-----------------|-------|
|                    | Entry level         | Total | Entry level     | Total |
| B. A.              |                     | 60    |                 | 202   |
| B.Sc.              |                     | 80    |                 | 113   |
| B. Com.            |                     | 120   |                 | 135   |
| B.Voc.             |                     | 60    |                 | 28    |
| M.Sc. (Chemistry)  |                     | 30    |                 | 33    |
| M.Com.             |                     | 40    |                 | 41    |
| M.A. (Geography)   |                     | 40    |                 | 46    |
| M.A. Microbiology) |                     | 25    |                 | 25    |
| PGDT               |                     | 15    |                 | 11    |

**Research Centre, If any:** Yes. In Chemistry

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:**

|    |              |                         |
|----|--------------|-------------------------|
| 01 | Geography    | Cluster Research Centre |
| 04 | Microbiology | Cluster Research Centre |

**Any new course(s) started:** Post Graduate Diploma in Translation (Hindi)

**Faculty strength: 160**

**Achievements of the College:**

1. Dr. Dilecta D'Costa, Associate Prof. and HOD in Microbiology for being awarded State Teacher Award by Microbiology Society of India on 24<sup>th</sup> January, 2023.
2. Dr. Sitaram Sukhtankar, Associate Prof. and HOD in PG M.Com. for being awarded Best Teacher Award by GIANTS GROUP OF PANAJI.
3. Dept. of Microbiology of the college was awarded Best Department Award by the Microbiologists Society of India.
4. Dr. Sushma Dessai and Dr Gauri Achari both from dept of microbiology were awarded Awarded State level Senior Scientist Award by Microbiologist Society India, Osmanabad.
5. Dr Sapna Gaitonde dept of microbiology was awarded INSC Young Researcher Award -2022” by the Institute of Scholars, Ministry of MSMe and corporate Affairs, Govt of India at IIP conference. She was appreciated by Mahatma Gandhi National council of Rural Education, Ministry of education, Govt of India for her Swachhta Action Plan activities” Step Up! Conserve Water on campus.

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s                     | Project title  | Date of Sanction and duration | Funding Agency   | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|--|--|-------------------------------|--|----------------------|--|
| 1.      | Dr. Pratibha Bakre                         | To understand and evaluate ecological aspects of spring water resource: Case study of Pomburpa |                               | Goa state bio-diversity board c/o department of science, technology & environment, saligao bardez goa. | 13,32,900            |  |
| 2.      | Mr. Akbar Gaded and Dr. Christina De Souza |  |                               | Goa institute of public administration & rural development   | 25,500               |  |

|    |                    |  |  |                         |           |  |
|----|--------------------|--|--|-------------------------|-----------|--|
|    |                    |  |  | (gipard)                |           |  |
| 3. | Dr. Sushanta Sapte |  |  | DBT Star College scheme | 38,65,000 |  |

### Conferences/Workshops Organized (Nos. only)

- International Level: 1
- National Level: 5
- State Level: 3

### Details of International Conferences/Workshops/Webinars organized :

- Department of Psychology organised a **State level webinar** titled, ‘Mental Health in an Unequal world- Through the Gender Lens’. The resource person for the webinar was Ms. Devika Gupta from Sangath, an NGO.
- Department of Hindi organized a National Level Seminar (charchasatra) ‘Anamika ki kavita me samayiksamvedana’. Resource Person was Prof. Ashish Tripathi, a well known Hindi writer & critic from Banaras Hindu University, Varanasi.
- Department of Konkani organized State level webinar titled “Employment and Career opportunities in Konkani”, Resource Person was Shri Sandesh Prabhudesai, Editor of Goa news.
- Department of microbiology organized a **National level Webinar on "COVID19 Vaccines - A boon to humanity"** – Resource Person Dr. Judith Braganca, Associate Professor, Dept. of Biological Sciences, BIT PILANI, Goa.
- Department of Vocational Studies (Software technologies) in association with Institute Innovation Council, organized a webinar on the topic “**Trends and Techniques in Data Mining**”.
- The post graduate department of commerce organized series of workshops for Mcom students namely “**Joh jeetawoh Sikandar**” was organised where resource persons were Mr. Atul Shah, Ms. Krupa Brahmhatt, Ms. Vrushali Amonkar, and Ms. Ameesha Cholera, “**GROW AND GLOW**” a session by Mr. Pravin Sabnis, head coach at ‘unlearning unlimited’ and certified trainer at the Training Academy of Junior Chamber International, USA, “**MY WINGS MY FLIGHT**” the resource person was Mr. Dileep Parab, an internationally certified master in neuro-linguistic programming practices, Management consultant & life transformation coach, “**Campus to Corporate: The Beginning**” resource person was Dr. Pradeep Salgaonkar, the Corporate trainer, “**Leadership, conflict management, teamwork & interpersonal relations**” by Mr. Amey Hegde & Ms. Jyoti Hegde, Corporate trainers and “**Positive Thinking**” trainers were Mr. Atul Shah, Ms Krupa Brahmhatt, and Ms Kiran Chari.
- Department of Geography organised Two – days value - added workshop on “Ecological Footprint – The Need” . Resource persons were Dr. Charlotte Braganza &

Dr. Aarti Nayak, Asst. Prof., Dept of Environmental Studies, S. K. Somaniya College, Mumbai.

- Many activities under NSS/NCC have been conducted.
- To commemorate India's 75 years of Independence, the Dept. of Physics in collaboration with the Directorate of Information and Publicity, Govt. of Goa, organised an educational event **"BHARAT KI AZADI KA AMRUT MAHOTSAV: TANTRADNYAN KE SATH!"** for the children and teenagers residing within the Marcela, and surrounding areas as a part of our community services where children were given coaching for chess, robotics, electronics and coding. A Mashal Yatra was conducted were 60 years of Goa's Liberation on 19 Dec 2020.
- Various special lectures were organized for students like "Financial Inclusion, Literacy and Career Opportunities in RBI" by dept of Economics, Laws of Social Reproduction was organized by dept of Political Science under the lecture series titled Political Ponderings and the Resource person was Prof. Kotiswaran Prabha, Kings College, London,
- On the occasion of 60<sup>th</sup> Goa independence day department of Marathi Organized an Intercollegiate Poetry Writing Competition on the topic 'YASHOGATHA GOMANTAKACHI', Department of English organised a series of Online Word Games for vocabulary development as part of its Azadi ka Amrit Mahotsav celebrations, the Department of Chemistry in association with the Bodhi Academy, organised an interactive session for T Y BSc students on "Career counselling for Undergraduate students"

#### Publications:

| Publications                       | Cat-I<br>Scopus, Web of Science, ICI indexed journals | Cat-II<br>UGC Recognized | Cat-III<br>ISSN | Total |
|------------------------------------|---|--------------------------|-----------------|-------|
| I. Research papers in Journals     | 8   | -                        | -               | 8     |
|                                    | Foreign Publisher                                     | Indian Publisher         | Local Publisher | Total |
| II. Books/Edited Books             | -   | -                        | 01              | 01    |
| a. Research papers in Edited Books | 04  | -                        | -               | 04    |
| Total                              | 12  | -                        | -               | 13    |

#### Awards:

| Name of the faculty member | Title of the Award | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|--------------------|--|
|                            |                    |  |

|                     |                                |   |
|---------------------|--------------------------------|---|
| Dr. Asha Gahlot     | Kartutvavan Mahila Samman 2021 | Daily Goamantak Sakal Samuh, Goa                                  |
| Dr. Asha Gahlot     | Navdurga Samman 2021           | Sidhlekhhikha Navdurga Samuh                                      |
| Dr. Dilecta D'Costa | State level best teacher award | by Microbiologist's Society, India. 22 <sup>nd</sup> January 2023 |

### 5A.16 Rosary College of Commerce & Arts, Navelim, Salcete

**Year of Establishment:** 1990

**College Address:** Buticas, Navelim, Salcete - Goa

**Principal's Details:**

**Name:** Prof. Helic M. Barretto

**Contact No:** 9422387629

**Email:** [principal@rosarycollege.org](mailto:principal@rosarycollege.org)

**College website:** [www.rosarycollege.org](http://www.rosarycollege.org)

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|------|-----------------------|-----------------|
| 4 <sup>th</sup> | A     | 3.21 | 2022                  | 2027            |

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| B.Com.         |                     | 270   |                 | 266   |
| B.A.           |                     | 132   |                 | 132   |
| B.C.A.         |                     | 80    |                 | 89    |
| B.B.A.         |                     | 40    |                 | 48    |
| B.B.A. (T & T) |                     | 40    |                 | 46    |
| M.Com.         |                     | 40    |                 | 31    |

**Research Centre, If any:**

| No. of Candidates Registered for Ph. D | Subject wise | Research Centre |
|--|--------------|-----------------|
| 08                                     | Commerce     | Cluster System  |

**Faculty strength:** Aided – 38, Self Finance - 20

**Achievements of the College:**

- Accredited with Grade 'A' for 4<sup>th</sup> cycle by NAAC in October 2022.
- Ranked 3<sup>rd</sup> in Goa and 29<sup>th</sup> in India by Educational World –India Higher Education

### Ranking

- Ranked 87<sup>th</sup> in Commerce, 103<sup>rd</sup> in Arts, 104<sup>th</sup> for BCA and 172<sup>nd</sup> in BBA by India Today Ranking

### Conferences/Workshops Organized (Nos. only)

- International Level: 01
- National Level: 04
- State Level: 24

### Details of International Conferences/Workshops/ Webinars organized:

01 (One Day International Conference in advances in Management, Finance and Economics on 28<sup>th</sup> March 2023.

### Publications:

| Publications                                  | Cat-I  | Cat-II          | Cat-III      | Total        |
|---|--|-----------------|--------------|--------------|
|   | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN         |              |
| I. Research papers in Journals                | 07   | 10              | 02           | 19           |
|   | <b>International</b>                         | <b>National</b> | <b>Local</b> | <b>Total</b> |
| II. Research papers in Conference Proceedings | 01   | 07              | -            | 08           |
| <b>Total</b>                                  | <b>08</b>                                    | <b>17</b>       | <b>02</b>    | <b>27</b>    |

### Papers presented in Conferences/Seminars/Workshops:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 05           | 03         |

### Invited Lectures given by the faculty:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 01         |

### Teachers who obtained research degree during the year:

| M. Phil. | Ph.D. |
|----------|-------|
| -        | 01    |

**No. of Teachers pursuing Ph.D.: 16**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | 10               | 09           | 12          | 31        | 03          | 03           | 02          | 08        |
| State                 | 01               | -            | -           | 01        | -           | -            | -           | -         |
| National              | -                | -            | -           | -         | 09          | -            | -           | 09        |
| International         | -                | -            | -           | -         | -           | -            | -           | -         |
| <b>Total</b>          | <b>11</b>        | <b>09</b>    | <b>12</b>   | <b>32</b> | <b>12</b>   | <b>03</b>    | <b>02</b>   | <b>17</b> |

Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date                  | Name of the organizer | Place won 1st/2nd/3rd |
|---|--|--|-----------------------|-----------------------|
| Ms. Rizella Almeida                     | Football (Girls)                                       | West Zone 31 <sup>st</sup> Dec to 8 <sup>th</sup> January 2023 | -                     | 1 <sup>st</sup>       |
| Ms. Flani Costa                         |  |  |                       |                       |
| Ms. Jossel Mascarenhas                  |  |  |                       |                       |
| Ms. Joyvi Fernandes                     |  |  |                       |                       |
| Ms. Aniela Barreto                      |  |  |                       |                       |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Ms. Surabhi Gore completed her Ph.D. in Management from Goa University.

### 5A.17 Fr. Agnel College of Arts & Commerce, Pilar – Goa

**Year of Establishment:** 1991

**College Address:** Fr. Agnel College of Arts & Commerce, Pilar-Goa

**Principal's Details:**

**Name:** Prof. Savio P. Falleiro

**Contact No:** 9422060384

**Email:** [principal@fragnelcollege.edu.in](mailto:principal@fragnelcollege.edu.in)

**College website:** [www.fragnelcollege.edu.in](http://www.fragnelcollege.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA  | Year of Accreditation | Validity Period |
|-----------------|-------|-------|-----------------------|-----------------|
| 1 <sup>st</sup> | B++   | 80.85 | 2007                  | 2012            |
| 2 <sup>nd</sup> | A     | 3.05  | 2016                  | 2021            |
| 3 <sup>rd</sup> | A+    | 3.28  | 2021                  | 2027            |

**Courses offered, sanctioned and filled strength:**

| Course Offered                   | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|----------------------------------|--|--------------------------------------|
| Bachelor of Arts                 | 132                                      | 132                                  |
| Bachelor of Commerce             | 198                                      | 193                                  |
| Bachelor in Computer Application | 44                                       | 44                                   |

**Research Centre, If any:** No (College however has PhD guiding faculty in Commerce & Economics under the cluster option)

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:**  
Commerce- **07 candidates**; Economics – **03 candidates**

**Any new course(s) started:** TYBCOM –Business Management

**Faculty strength:** 38

**Achievements of the College:**

- First non-autonomous College to get A+ grade by NAAC
- First College among all (non-autonomous) to secure highest CGPA of 3.28

**Conferences/Workshops Organized (Nos. only)**

- International Level: 01
- National Level: 02
- State Level: 01

**Details of International Conferences / Workshops / Webinars organized**

- Sadbhav Sammelan 2023, 17<sup>th</sup> – 18<sup>th</sup> February 2023

**Publications:**

| Publications                   | Cat-I  | Cat-II           | Cat-III         | Total |
|--------------------------------|--|------------------|-----------------|-------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |       |
| I. Research papers in Journals | -  | 01               | 03              | 04    |
|                                | Foreign Publisher                            | Indian Publisher | Local Publisher | Total |
| II. Books/Edited Books         | -  | -                | -               | -     |
| a. Research papers in          | -  | -                | 02              | 02    |



|  |                      |                 |              |              |
|--|----------------------|-----------------|--------------|--------------|
| Edited Books                                   |                      |                 |              |              |
| b. Books                                       | -                    | 03              | -            | 03           |
|  | <b>International</b> | <b>National</b> | <b>Local</b> | <b>Total</b> |
| III. Research papers in Conference Proceedings | 01                   | -               | -            | 01           |
| <b>Total</b>                                   | <b>01</b>            | <b>04</b>       | <b>05</b>    | <b>10</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| -             | -                   | 03                |

**Invited Lectures given by the faculty:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| -             | -                   | 02                |

**No. of Teachers pursuing Ph.D. :08**

**Sports Achievements of Students:**

| Levels of Competition   | Individual Event |              |             |           | Team Event  |              |             |           |
|-------------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                         | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| <b>Inter-collegiate</b> | -                | 01           | -           | 01        | -           | 01           | -           | -         |
| <b>National</b>         | 02               | 01           | 01          | 04        | 01          | -            | -           | -         |
| <b>Total</b>            | <b>02</b>        | <b>02</b>    | <b>01</b>   | <b>05</b> | <b>01</b>   | <b>01</b>    | -           | <b>02</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/ captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/ sports event with date                              | Name of the organizer                    | Place won 1st/ 2nd/ 3rd |
|--|--|---|--|-------------------------|
| Sainath Konkankar                        | Inter-University West Zone Football Champion           | Inter-University West Zone Football Champion<br>19/12/2022 to<br>24/12/2022 | Rani Durgavati Vishwavidyalaya, Jabalpur | 1 <sup>st</sup>         |

|                  |  |   |   |                 |
|------------------|--|---|---|-----------------|
| Kenny Rodrigues  | Inter-University West Zone Football Champion | Inter-University West Zone Football Champion<br>19/12/2022 to<br>24/12/2022 | Rani Durgavati Vishwavidyalaya, Jabalpur  | 1 <sup>st</sup> |
| Silvan Tholado   | Squay Martial Art                            | Squay Martial Art<br>01/02/2023 to<br>03/02/2023                            | Squay Martial Art Association, Haryana  | 1 <sup>st</sup> |
| Randhir Kanojiya | Squay Martial Art                            | Squay Martial Art<br>01/02/2023 to<br>03/02/2023                            | Squay Martial Art Association, Haryana  | 2 <sup>nd</sup> |
| Mansi Tandel     | Cestoball                                    | Cestoball<br>30/09/2022 to<br>02/10/2022                                    | 4 <sup>th</sup> Senior National Cestoball Championship, Bangalore, Karnataka                      | 3 <sup>rd</sup> |
| Niyati Gad       | Chess  | Chess<br>07/01/2023 to<br>08/01/2023  | Murmugao Taluka Chess Association under the aegis of All India Federation & Chess Adhoc Committee | 1 <sup>st</sup> |

### 5A.18 Saraswat Education Society's Sridora Caculo College of Commerce and Management Studies, Mapusa

**Year of Establishment:** 1991- B.COM.

2000- BBA

2009- BCA

**College Address:** S.E.S's Sridora Caculo College of Commerce & Management Studies, Telang Nagar, Khorlim, Mapusa - Goa.

**Principal's Details:**

**Name:** Prof. Santosh B. Patkar

**Contact No:** 9421157379

**Email:** prin.saraswat@unigoa.ac.in

**College website:** www.caculocollege.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|------|-----------------------|-----------------|
| 2 <sup>nd</sup> | B     | 2.47 | 2021                  | 2026            |

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| FY BCOM        |                     | 240   |                 | 227   |
| SY BCOM        |                     | 240   |                 | 237   |
| TY BCOM        |                     | 240   |                 | 203   |
| FY BBA         |                     | 55    |                 | 52    |
| SY BBA         |                     | 55    |                 | 53    |
| TY BBA         |                     | 55    |                 | 51    |
| FY BCA         |                     | 44    |                 | 44    |
| SY BCA         |                     | 46    |                 | 41    |
| TY BCA         |                     | 44    |                 | 37    |

**Faculty strength: 05****Conferences/Workshops Organized (Nos. only)**

- National Level: 4
- State Level: 15

**Publications:**

| Publications                                  | Cat-I  | Cat-II          | Cat-III      | Total        |
|---|--|-----------------|--------------|--------------|
|   | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN         |              |
| I. Research papers in Journals                | -  | 02              | -            | 02           |
|   | <b>International</b>                         | <b>National</b> | <b>Local</b> | <b>Total</b> |
| II. Research papers in Conference Proceedings | 01   | -               | -            | 01           |
| <b>Total</b>                                  | <b>01</b>                                    | <b>02</b>       | <b>-</b>     | <b>03</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 01           | -          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 09         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D.               |
|----------|---------------------|
| -        | Dr. Rajeev Narvekar |
|          | Dr. Sushant Chari   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 2                | 3            | -           | 5        | -           | 1            | -           | 1        |
| <b>Total</b>          | <b>2</b>         | <b>3</b>     | <b>-</b>    | <b>5</b> | <b>-</b>    | <b>1</b>     | <b>-</b>    | <b>1</b> |

**5A.19 DPM's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona****Year of Establishment:** 1993**College Address:** DPM's Shree Mallikarjun & Shri. Chetan Manju Desai College, Delem-Canacona, Goa, 403702**Principal's Details:****Name:** Dr. Sucheta Naik**Contact No:** 9972050388**Email:** sucheta.naik@shreemallikarjuncollege.ac.in**College website:** <https://shreemallikarjuncollege.ac.in/>**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle            | Grade | CGPA | Year of Accreditation | Validity Period |
|------------------|-------|------|-----------------------|-----------------|
| 02 <sup>nd</sup> | A     | 3.25 | 2023                  | 10/04/2028      |

**Courses offered, sanctioned and filled strength:**

| Course Offered       | Sanctioned Strength |       | Filled Strength |       |
|----------------------|---------------------|-------|-----------------|-------|
|                      | Entry level         | Total | Entry level     | Total |
| Bachelor of Arts     | 120                 | 360   | 95              | 272   |
| Bachelor of Commerce | 60                  | 180   | 54              | 159   |
| Bachelor of Science  | 80                  | 240   | 29              | 99    |

**Research Centre, If any:** Cluster with two other Research Centre Colleges

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:**

Geography: 6

Commerce: 5

**Faculty strength**

Teaching Staff: Regular – 22

Non-Teaching Staff: 36

**Achievements of the College:**

- Our college has been awarded an 'A' grade with a CGPA of 3.25 during the second cycle of NAAC accreditation.

**Publications:**

| Publications |   | Cat-I  | Cat-II                  | Cat-III                | Total        |
|--------------|---|--|-------------------------|------------------------|--------------|
|              |   | Scopus, Web of Science, ICI indexed journals | UGC Recognized          | ISSN                   |              |
| I.           | Research papers in Journals               | 02   | 00                      | 02                     | 04           |
|              |   | <b>Foreign Publisher</b>                     | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II.          | Books/Edited Books                        | 00   | 02                      | 00                     | 02           |
|              | a. Research papers in Edited Books        | 00   | 00                      | 00                     | 00           |
|              | b. Books                                  | 00   | 01                      | 01                     | 02           |
|              |   | <b>International</b>                         | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| III.         | Research papers in Conference Proceedings | 01   | 01                      | 01                     | 03           |
| Total        |   | 03   | 04                      | 04                     | 11           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
|        | 01           | 02         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
|        | 02           | 02         |

**No. of Teachers pursuing Ph.D.:05**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | 01               | 05           | 03          | 09        | 00          | 06           | 00          | 06        |
| State                 | 00               | 02           | 03          | 05        | 00          | 00           | 00          | 00        |
| National              | 00               | 00           | 00          | 00        | 00          | 00           | 00          | 00        |
| International         | 00               | 00           | 00          | 00        | 00          | 00           | 00          | 00        |
| <b>Total</b>          | <b>01</b>        | <b>07</b>    | <b>06</b>   | <b>14</b> | <b>00</b>   | <b>06</b>    | <b>00</b>   | <b>06</b> |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Ms. Karishma Parsekar, Awarded during ShekotiSammelan 2023
- Dr. Rupa Chari, Master of Ceremony for National Events
- Ms. Domitel D'Souza, Was member on Annual Panel Inspection team at Jowahar Navodaya vidyalayaCanacona.
- Ms. Domitel D'Souza, Received felicitation from Navodaya Vidyalaya Canacona

**5A.20 Sant Sohirobanath Ambiy College of Arts & Commerce, Virnoda, Pernem****Year of Establishment:** 1993-94**College Address:** Sant Sohirobanath Ambiy College of Arts & Commerce, Virnoda, Pernem, Goa - 403 512**Principal's Details:****Name:** Professor (Dr.) Filipe Rodrigues e Melo**Contact No:** 9422061226**Email:** gcapg@yahoo.co.in**College website:** www.gcpemem.ac.in**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle   | Grade | CGPA | Year of Accreditation | Validity Period          |
|---------|-------|------|-----------------------|--------------------------|
| Cycle 2 | B     | 2.74 | 2015                  | 01/05/2015 to 30/04/2020 |
| Cycle 1 | B     | 2.85 | 2010                  | 15/06/2009 to 14/06/2014 |

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength  |       | Filled Strength |       |
|----------------|----------------------|-------|-----------------|-------|
|                | Entry level          | Total | Entry level     | Total |
| B.A.           | 120 + 12 (10% extra) |       | 126             |       |
| B.Com.         | 120 + 12 (10% extra) |       | 125             |       |
| M.A.           | 38                   |       | 9               |       |
| M.Com.         | 50                   |       | 30              |       |

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:**

- Ph.D.Commerce: 12

**Faculty strength: 26**

**Conferences/Workshops Organized (Nos. only)**

- National Level: 01

**Publications:**

| Publications                       | Cat-I  | Cat-II           | Cat-III         | Total |
|------------------------------------|--|------------------|-----------------|-------|
|                                    | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |       |
| I. Research papers in Journals     | 4  | 1                | 7               | 12    |
|                                    | Foreign Publisher                            | Indian Publisher | Local Publisher | Total |
| II. Books/Edited Books             |  |                  |                 |       |
| a. Research papers in Edited Books | -  | -                | 1               | 1     |
| Total                              | 4  | 1                | 8               | 13    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 2            | 6          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 1            | 9          |

**No.of Teachers pursuing Ph.D.: 06****Awards:**

| Name of the faculty member | Title of the Award  | Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|---|---|
| Mansi Dhauskar             | Fr. Nicola Pereira Puroskar for standing First at M.A. exam in the subject of Konkani at Goa University | Vauvraddeancho Ixtt, on 20th December 2022  |
| Dr. Amrita Dinge           | Felicitated/ Honoured for contribution towards co-ordination of Indian Languages                        | Bharat Utahan Nyas on 18th December 2022.   |
| Lt. Dr. Sam Braganza       | Silver Medal in 21 Kms race in Staff Category Marathon  | Goa University, on 18/12/2022   |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 1                | 2            | -           | 3        | -           | 4            | 1           | 5        |
| State                 | -                | 1            | -           | 1        | -           | -            | -           | -        |
| <b>Total</b>          | <b>1</b>         | <b>3</b>     | <b>-</b>    | <b>4</b> | <b>-</b>    | <b>4</b>     | <b>1</b>    | <b>5</b> |

**5A.21 Narayan Zantye College of Commerce, Bicholim****Year of Establishment:** 1994**College Address:** Vathadev, Near Industrial Estate, Sarvan – Bicholim, Goa.**Principal's Details:****Name:** Prof. (Dr.) Rajendra Kumbharjuvenkar**Contact No:** Office : 2361377/2363769

Mobile: 8830864215

**Email:** rajshriya12@gmail.com



College website: [www.zantycollege.ac.in](http://www.zantycollege.ac.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|-------|-------|------|-----------------------|-----------------|
| II    | A     | 3.18 | 2022                  | 5 years         |

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| F.Y. B.Com.    | 180+10%= 198        |       | 198             |       |
| S.Y. B.Com.    | 180                 |       | 174             |       |
| T.Y. B.Com.    | 180                 |       | 184             |       |
| M.Com.-part I  | 40                  |       | 23              |       |
| M.Com.-part II | 40                  |       | 15              |       |

**Research Centre, If any:** Yes, Research Centre in Commerce affiliated to Goa Business School, Goa University clustered with Sant Sohrobanath Ambiyé Govt. College of Arts & Commerce, Virnoda, Pernem– Goa.

**Faculty strength**

- i) 07 Associate Professors (Full Time Regular)
- ii) 11 Assistant Professors (Full Time Regular)
- iii) 01 Librarian (Permanent)
- iv) 01 College Director of Physical Education & Sports (Permanent)

**Conferences/ Workshops Organized (Nos. only)**

- National Level: 02 nos.
- State Level: 01 no.

**Publications:**

| Publications                   | Cat-I  | Cat-II          | Cat-III      | Total        |
|--------------------------------|--|-----------------|--------------|--------------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN         |              |
| I. Research papers in Journals | NIL  | NIL             | 02           | 02           |
|                                | <b>International</b>                         | <b>National</b> | <b>Local</b> | <b>Total</b> |

|              |   |     |           |           |           |
|--------------|---|-----|-----------|-----------|-----------|
| II.          | Research papers in Conference Proceedings | NIL | 02        | NIL       | 02        |
| <b>Total</b> |   | -   | <b>02</b> | <b>02</b> | <b>04</b> |

**Papers presented in Conferences/Seminars/Workshops:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| NIL           | NIL                 | 02                |

**Invited Lectures given by the faculty:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| NIL           | NIL                 | 02                |

**Teachers who obtained research degree during the year:**

|                 |              |
|-----------------|--------------|
| <b>M. Phil.</b> | <b>Ph.D.</b> |
| NIL             | 01           |

**No. of Teachers pursuing Ph.D.:3**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | --               | --           | 03          | 03        | --          | --           | --          | --    |
| <b>Total</b>          | --               | --           | <b>03</b>   | <b>03</b> | --          | --           | --          | --    |

**5A.22 Don Bosco College, Panjim**

**Year of Establishment:** 2001

**College Address:** MG Road, Panjim Goa

**Principal's Details:**

**Name:** Dr. Cedric Silveira

**Contact No:** 8830034811

**Email:** principal@donbosco.goa.ac.in

**College website:** donbosco.goa.ac.in

**Courses offered, sanctioned and filled strength:**

| Course Offered   | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|--|--|--------------------------------------|
| Bachelor of Computer Application (BCA)                         | 80                                       | 71                                   |
| Bachelor of Business Administration (BBA)                      | 40 + 10% additional                      | 42                                   |
| Bachelor of Business Administration-Travel & Tourism (BBA T&T) | 40 + 10% additional                      | 40                                   |
| Bachelor of Arts (Mass Communication) (BAMC)                   | 40                                       | 28                                   |
| Bachelor of Social Work (BSW)                                  | 30                                       | 3                                    |

**Faculty strength: 33**

**Achievements of the College:**

- Students Passed Percentage – 94.5%
- MoU was signed with Vanillakart
- CCP acknowledged the efforts of the College for collaborating and helping in waste generation and awareness through our activities.
- Winners of the event Impressions 2022 organized by Rosary College Department of Business Administration
- Winners of Business Plan contest organised by Govt. College, Borda
- Winners at Carmel College for EREMOS 2023.
- Runners up at Koss an Intercollegiate event

**Publications:**

| Publications                       | Cat-I  | Cat-II           | Cat-III         | Total    |
|------------------------------------|--|------------------|-----------------|----------|
|                                    | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |          |
| I. Research papers in Journals     | -  | 2                | 2               | 4        |
|                                    | Foreign Publisher                            | Indian Publisher | Local Publisher | Total    |
| II. Books/Edited Books             | -  | -                | -               | -        |
| a. Research papers in Edited Books | -  | 1                | -               | 1        |
| <b>Total</b>                       |  | <b>3</b>         | <b>2</b>        | <b>5</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 2          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 4          |

**No. of Teachers pursuing Ph.D.: 3**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 5                | 2            | 10          | 17        |             | 2            | 2           | 4        |
| <b>Total</b>          | <b>5</b>         | <b>2</b>     | <b>10</b>   | <b>17</b> |             | <b>2</b>     | <b>2</b>    | <b>4</b> |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/ institution)**

- Rank 126 in All India among the BBA colleges
- Rank 82 in All India among the BCA colleges
- 5 Research papers were accepted in UGC care journals

**5A.23 Government College of Commerce and Economics, Borda, Margao**

**Year of Establishment:** 16 June 2010

**College Address:** Borda, Margao- Goa

**Principal's Details:**

**Name:** Prof. (Dr) F.M. Nadaf

**Contact No:** 9765459914

**Email:** FMnadaf@gmail.com

**College website:** www.gccem.ac.in

**The NAAC accreditation Status (whether accredited, score and grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------|-------|------|-----------------------|-----------------|
| 1 <sup>st</sup> | A     | 3.12 | 2023                  | 28/02/2028      |

**Courses offered, sanctioned, and filled strength:**

| Course Offered                     | Sanctioned Strength |       | Filled Strength |       |
|------------------------------------|---------------------|-------|-----------------|-------|
|                                    | Entry level         | Total | Entry level     | Total |
| B.Com. Honors-Accountancy          |                     | 38    |                 | 38    |
| B. Com. Honors- Costing            |                     | 37    |                 | 37    |
| B. Com. Honors-Business Management |                     | 36    |                 | 36    |

**Faculty strength:** Full time & Regular-12**Achievements of the College:**

- College holds 'A' Grade accreditation with a score of 3.12 out of 4 from NAAC, Bangalore.
- College has established its Internal Quality Assurance Cell (IQAC) for quality improvement
- College offers both the Choice Based Credit System (CBCS) and follows the NEP Curriculum.
- College prioritizes a Learner Centric Environment to cater to its students' needs.
- All classrooms are equipped with ICT-enabled facilities, transforming them into Smart Classrooms.
- College library is fully automated, enhancing accessibility and efficiency.
- Pioneering in its approach, the College introduced a compulsory student internship program exclusively for CBCS students.
- The College has signed Memorandums of Understanding (MOUs) with numerous institutions to provide supplementary learning experiences beyond the curriculum.
- Regular Academic and Administrative Audits are conducted to ensure quality standards.
- To fill any gaps in the Curriculum, the College offers short-term certificate courses of 30 hours duration to its students.
- Capacity-building programs and boot camps are organized to foster entrepreneurship among the students.
- The College utilizes Moodle and the IAIMS (Integrated Academic Information Management System) as its Learning Management Systems.
- E-content is readily available on Moodle, benefiting the students' learning process.
- The College takes pride in publishing the peer-reviewed journal "QUEST," showcasing Multidisciplinary Research with ISSN 2395-276

**Conferences/Workshops Organized (Nos. only)**

- National Level: 1- webinar
- State Level: 08 Department of Commerce

**Publications:**

| Publications                                   | Cat-I  | Cat-II           | Cat-III         | Total     |
|--|--|------------------|-----------------|-----------|
|  | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in Journals                 | -  | 01               | -               | 01        |
|  | Foreign Publisher                            | Indian Publisher | Local Publisher | Total     |
| II. Books/Edited Books                         |  |                  |                 |           |
| a. Books                                       | -  | 01               | -               | 01        |
|  | International                                | National         | Local           | Total     |
| III. Research papers in Conference Proceedings | -  | 13               | -               | 13        |
| <b>Total</b>                                   | -  | <b>15</b>        | -               | <b>15</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 02           | -          |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | -                | -            | -           | -     | 1           | 1            | 1           | 3        |
| <b>Total</b>          | -                | -            | -           | -     | <b>1</b>    | <b>1</b>     | <b>1</b>    | <b>3</b> |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Represented India in 21<sup>st</sup> AVC Beach Volleyball tour Samilaopen in Soukhla, Thailand and Secured 19<sup>th</sup> position.
- Secured 3<sup>rd</sup> place (Broze Medal) at 36<sup>th</sup> National Games 2022, Surat, Gujrat.

#### 5A.24 Goa College of Hospitality and Culinary Education, Cidade de Goa, Vaingnim

**Year of Establishment:** 2011

**College Address:** Vaingnim Beach, Panaji, Goa 403004.

**Principal's Details:**

**Name:** Dr. Edgar D'Souza

**Contact No:** 9763555405

**Email:** principal@gchce.com

**College website:** www.goahospitalitycollege.com

**Courses offered, sanctioned and filled strength:**

| Course Offered                            | Sanctioned Strength |       | Filled Strength |       |
|---|---------------------|-------|-----------------|-------|
|   | Entry level         | Total | Entry level     | Total |
| BBA (Hospitality and Culinary Management) |                     | 30    |                 | 30    |

**Faculty strength:** 3

**No. of Teachers pursuing Ph.D.:** 2

#### 5A.25 Mandre College of Commerce, Economics and Management, Pernem

**Year of Establishment:** July 2012

**College Address:** Dev Mandrekar Nagar, Madhlamaj, Mandre.

**Principal's Details:**

**Name:** Prof. Tushar S. Anvekar

**Contact No:** 9226417414

**Email:** tsanvekar@yahoo.co.in

**College website:** www.mandrecollege.ac.in

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| B.Com          | 180                 |       | 104             |       |

**Conferences/Workshops Organized (Nos. only)**

- National Level: 01

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 01           | 01         |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | -                | 01           | -           | 01        | -           | -            | 01          | 01        |
| <b>Total</b>          | <b>-</b>         | <b>01</b>    | <b>-</b>    | <b>01</b> | <b>-</b>    | <b>-</b>     | <b>01</b>   | <b>01</b> |

**5A.26 Vidya Prabodhini College of Commerce Education, Computer and Management, Porvorim****Year of Establishment:** 2012**College Address:** Prabodhan Education Society's Vidya Prabodhini College of Commerce, Education, Computer & Management Vidya Nagar, Parvari, Taluka-Bardez, Goa – 403521**Principal's Details:****Name:** Dr. Bhushan V Bhave**Contact No.:** 0832-2413600, 9421160780/9673123355,**Email:** [vidyaprabodhinigoa@gmail.com](mailto:vidyaprabodhinigoa@gmail.com); [info@vidyaprabodhnicollege.edu.in](mailto:info@vidyaprabodhnicollege.edu.in)**College website:** [www.vidyaprabodhnicollege.edu.in](http://www.vidyaprabodhnicollege.edu.in)**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** YES

| Cycle                 | Grade | CGPA | Year of Accreditation | Validity Period |
|-----------------------|-------|------|-----------------------|-----------------|
| 1 <sup>st</sup> Cycle | B+    | 2.73 | 16/09/2018            | 25/09/2023      |

**Courses Offered, sanctioned and filled strength:**

| Course                | Sanctioned Strength |             | Filled Strength |             |
|-----------------------|---------------------|-------------|-----------------|-------------|
|                       | Entry               | Level Total | Entry           | Level Total |
| <b>B. COM</b>         |                     |             |                 |             |
| F.Y.B. Com            |                     | 132         |                 | 130         |
| S.Y.B. Com            |                     | 120         |                 | 116         |
| T.Y.B. Com            |                     | 120         |                 | 105         |
| <b>B.A. B.Ed.</b>     |                     |             |                 |             |
| F.Y. B.A.B.Ed.        |                     | 100         |                 | 99          |
| S.Y. B.A.B.Ed.        |                     | 100         |                 | 99          |
| T.Y. B.A.B.Ed.        |                     | 100         |                 | 94          |
| Fourth Year B.A.B.Ed. |                     | 100         |                 | 98          |

**Faculty Strength:** 42



**Achievements of the College: Only institutional achievements should be mentioned.**

- (i) The achievements of individual faculty and students are not to be included.
- (ii) Give only maximum of 5 achievements in the order of its importance.
- (iii) The achievements may include accreditation by recognized agencies like NAAC, National and International Collaborations through MOUs with reputed institutions, recognition as Research Centre, recognition by UGC and other Govt agencies as Centre of Advanced Study, Centre of Excellence, recognition for special grants, etc. (not to include RUSA grant as it is common to all):

MOU's with following institutions/agencies

1. Shri Nirakar Vidyalaya, Mashem, PO Loliem, Canacona
2. Shri Shradhanand Vidyalaya, Paigin Canacona
3. Shree Balram Residential High School, Adarsh Gram, Amone, Poigunim
4. Goa State Biodiversity Board, Saligao, Bardez – Goa
5. St. Xavier's College, Mapusa – Goa
6. Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Vardha –Maharashtra
7. Dhavrukh – NGO – Mandrem – Pernem

**Conferences/Workshops Organized (No.s only)**

- (i) State Level:1
- (ii) National Level: 1

**Publications:**

| <b>Publications</b>                            | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         |              |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC recognized</b>   | <b>ISSN</b>            | <b>Total</b> |
| I. Research papers in Journals                 | --  | 02                      | 04                     | 06           |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> |              |
| II. Books/Edited Books                         | --  | --                      | --                     | --           |
| (a) Research papers in Edited Books            | --  | 03                      | --                     | 03           |
| (b) Books                                      | --  | --                      | --                     | --           |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           |              |
| III. Research papers in Conference Proceedings | 02  | 05                      | --                     | 07           |
| <b>Total</b>                                   | <b>02</b>   | <b>10</b>               | <b>04</b>              | <b>16</b>    |

**Teachers who obtained research degree during the year: 5**

| <b>M.Phil.</b> | <b>Ph.D.</b>   |
|----------------|--|
| NIL            | Dr. Arun R Marathe<br>Dr. ShaileshChodankar<br>Dr. Sunny R Kanekar<br>Dr. Uaddhav Vijay Pol<br>Dr. PriyaGosavi |

**No. of Teachers pursuing Ph.D.: 13****Awards**

| <b>Name if the faculty member</b> | <b>Title of the Award</b>                      | <b>Name of Agency / Institution sponsoring the award (only recognized and reputed agencies), Date of award</b> |
|-----------------------------------|--|--|
| Shri Rudresh Uttam Mhamal         | Goa State Biodiversity Conservation Award 2022 | Goa State Biodiversity Board, Govt. of Goa   |

**Details of the top 5 Sports Achievements, if any, (include in the table 18) at National and International Level only.**

| <b>Name of the student/captain of the team</b> | <b>Name of the event in which participated (sports/games)</b> | <b>Name of the Tournament / Sports event with date</b>   | <b>Name of the organizer</b>   | <b>Place won 1st /2nd / 3rd</b> |
|--|---|--|--|---------------------------------|
| Ms. Tanvi Khedekar                             | Football  | West Zone Inter-University Football Women Championship on 02 <sup>nd</sup> January to 8 <sup>th</sup> January, 2023  | Association of Indian Universities, Lakshmibai National Institute of Physical Education,, Gwalior, Madhya Pradesh                      | First                           |
| Mr. Rushil Velingkar                           | Tennis ball Cricket   | Under – 23 Nine –A-Side Tennis Ball Cricket team at the 4 <sup>th</sup> National 9 A-Side Cricket Championship from 27 <sup>th</sup> to 29 <sup>th</sup> July, 2022. | Nine A-Side Cricket Association (Delhi) affiliated under Nine – A Side Cricket Association of India held at Kanjhawala Cricket Ground, | First                           |

|                       |           |  |   |        |
|-----------------------|-----------|--|---|--------|
|                       |           |  | Delhi   |        |
| Ms. Tanvi Khedekar    | Football  | All -India Inter University Women Football Championship from 12 <sup>th</sup> to 17 <sup>th</sup> January 2023                     | Association of Indian Universities, Lakshmibai National Institute of Physical Education,, Gwalior, Madhya Pradesh | Fourth |
| Ms. Sudeepa Chodankar | Tennikoit | 22 <sup>nd</sup> West Zone National Tenni-koit Mixed Doubles Championship from 23 <sup>rd</sup> to 25 <sup>th</sup> December 2022. | Tenni-koit Federation of India held at Soni Garden, Bijalpur, Indore, Madhya Pradesh                              | First  |
| Ms. Sudeepa Chodankar | Tennikoit | 22 <sup>nd</sup> West Zone National Tenni-koit Individual Championship from 23 <sup>rd</sup> to 25 <sup>th</sup> December 2022.    | Tenni-koit Federation of India held at Soni Garden, Bijalpur, Indore, Madhya Pradesh                              | First  |

#### 5A.27 Sateri Pisani Education Society's Shri. Gopal Gaonkar Memorial Goa Multi-Faculty College Dharbandora

**Year of Establishment:** 2013

**College Address:** NH-4A, Ponda-Belgaum Road, Dayanand Nagar Tal, Dharbandora

**Principal's Details:**

**Name:** Prof. (Dr.) Shaikh Mohammad Parvez Al-Usmani (Professor and Principal)

**Contact No:** 9422643821/7507652695

**Email:** [parvez\\_goa@yahoo.com](mailto:parvez_goa@yahoo.com)

**College Website:** [www.gmfc.ac.in](http://www.gmfc.ac.in)

**Courses offered, sanctioned and filled strength:**

| Course Offered                             | Sanctioned Strength |       | Filled Strength |       |
|--|---------------------|-------|-----------------|-------|
|  | Entry level         | Total | Entry level     | Total |
| <b>Bachelor of Commerce</b>                |                     | 60    |                 | 29    |
| <b>Bachelor of Business Administration</b> |                     | 60    |                 | 56    |
| <b>Bachelor of Computer applications</b>   |                     | 40    |                 | 40    |

**Faculty strength**

| Sr. No | Full-time/Regular Appointments   | Numbers |
|--------|--|---------|
| 1.     | Regular Basis Teaching Staff (Professor and Principal, Associate Prof., Asst. Prof, Librarian) | 18      |
| 2.     | Contract Basis Teaching staff  | 05      |

**Achievements of the College:**

- Signed a MOU between Goa Multi Faculty College Dharbandora Goa and Goa Management Association.

**Conferences/Workshops Organized (Nos. only)**

- National Level: 01

**Publications:**

| Publications                                 | Cat-I         | Cat-II   | Cat-III    | Total    |
|--|---------------|----------|------------|----------|
|  | International | National | Local      | Total    |
| I. Research papers in Conference Proceedings | Nil           | 3        | Nil        | 3        |
| <b>Total</b>                                 | <b>Nil</b>    | <b>3</b> | <b>Nil</b> | <b>3</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | Nil          | 1          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 1            | 1          |

**No. of Teachers pursuing Ph.D.: 03****Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | Nil              | 02           | 02          | 04        | 02          | Nil          | Nil         | 02        |
| <b>Total</b>          | <b>Nil</b>       | <b>02</b>    | <b>02</b>   | <b>04</b> | <b>02</b>   | <b>Nil</b>   | <b>Nil</b>  | <b>02</b> |

## 5A.28 Swami Vivekanand Vidya Prasarak Mandal's College of Commerce, Bori, Ponda

**Year of Establishment:** 2013

**College Address:** Shirshirem – Bori, Ponda, Goa

**Principal's Details:**

**Name:** Prof.(CA) Subrahmanya Bhat K.M.

**Contact No:** 0832 2333029

**Email:** svvmcollege@yahoo.com

**College website:** www.svvmcollege.com

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| B.Com (Honors) |                     | 180   |                 | 150   |

**Faculty strength:** 06

**Conferences/Workshops Organized (Nos. only)**

- National Level: 01

**Publications:**

| Publications                       | Cat-I  | Cat-II           | Cat-III         | Total |
|------------------------------------|--|------------------|-----------------|-------|
|                                    | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |       |
| I. Research papers in Journals     | NIL  | 10               | 02              | 12    |
|                                    | Foreign Publisher                            | Indian Publisher | Local Publisher | Total |
| II. Books/Edited Books             | NIL  | 03               | NIL             | 03    |
| a. Research papers in Edited Books | NIL  | 01               | NIL             | 01    |
| b. Books                           | NIL  | 03               | NIL             | 03    |
| Total                              | NIL  | 17               | 02              | 19    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 02           | 01         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 02           | 02         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| NIL      | 01    |

**No. of Teachers pursuing Ph.D.: 05****Awards:**

| Name of the faculty member     | Title of the Award      | Name of Agency / Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|--------------------------------|-------------------------|---|
| Dr. Shripad Ramchandra Marathe | Doctorate of Philosophy | 17 <sup>th</sup> March 2023, Goa University   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 01               | 01           | 01          | 03    | -           | -            | -           | -     |
| <b>Total</b>          | 01               | 01           | 01          | 03    | -           | -            | -           | -     |

**Details of the top 5 Sports Achievements, if any, (included in the table18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date         | Name of the organizer           | Place won 1st/2nd/3rd |
|---|--|---|---------------------------------|-----------------------|
| Nividha Gaude                           | Kho-Kho  | 55 <sup>th</sup> Senior National Kho-Kho Championship | Maharashtra Kho-Kho Association | Participation         |

### 5A.29 St. Joseph Vaz College, Cortalim

**Year of Establishment:** 2017

**College Address:** Church Street Cortalim, South Goa 403710

**Principal's Details:**

**Name:** Prof. (Dr.) Maria A. A. R. Fonseca

**Contact No:** 9422055377 / 2550812

**Email:** principal@stjosephvazcollege.in

**College website:** www.stjosephvazcollege.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** College has yet not been accredited however have 2f status from UGC

**Courses offered, sanctioned and filled strength:**

| Course Offered   | Sanctioned Strength<br>Entry level<br>Total | Filled Strength<br>Entry level<br>Total |
|--|---|---|
| F.Y.B.Sc. (Botany, Chemistry, Physics and Mathematics) | 60  | 16                                      |
| S.Y.B.Sc. (Botany, Chemistry, Physics and Mathematics) | 60  | 12                                      |
| T.Y.B.Sc. (Botany & Chemistry)                         | 60  | 12                                      |

**Faculty strength:** 07 (Regular)

**Achievements of the College:**

- MoU signed with Home Science College, Panaji on 17/11/2022
- MoU signed with Susbio Sustainable Bio Solution Pvt. Ltd, Zuarinagar on 21/09/2022
- MoU signed with Cortalim and Khazan Society of Goa on 19/10/2022
- MoU signed with Don Bosco College, Panaji on 29/08/2022
- Mr. Francy Vaz, Non teaching staff represented the College, for the 21 kms marathon conducted by Goa University on 18/12/2022 and secured the 3<sup>rd</sup> place (Bronze medal)

**Details of International Conferences/Workshops/ Webinars organized: 01**

**Publications:**

| Publications                      | Cat-I<br>Scopus, Web of<br>Science, ICI<br>indexed<br>journals | Cat-II<br>UGC<br>Recognized | Cat-III<br>ISSN | Total |
|-----------------------------------|--|-----------------------------|-----------------|-------|
| I. Research papers<br>in Journals | NIL  | 04                          | NIL             | 04    |

|              |            |           |            |           |
|--------------|------------|-----------|------------|-----------|
| <b>Total</b> | <b>NIL</b> | <b>04</b> | <b>NIL</b> | <b>04</b> |
|--------------|------------|-----------|------------|-----------|

**Papers presented in Conferences/Seminars/Workshops:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| NIL           | NIL                 | 05                |

**Invited Lectures given by the faculty:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| NIL           | NIL                 | 05                |

**No. of Teachers pursuing Ph.D.: 01**

**Sports Achievements of Students: (Note: Specify only number)**

| <b>Levels of Competition</b> | <b>Individual Event</b> |                     |                    |              | <b>Team Event</b>  |                     |                    |              |
|------------------------------|-------------------------|---------------------|--------------------|--------------|--------------------|---------------------|--------------------|--------------|
|                              | <b>First Place</b>      | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> | <b>First Place</b> | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> |
| <b>Inter-collegiate</b>      | 01                      | 02                  | 01                 | <b>04</b>    | -                  | -                   | 01                 | <b>01</b>    |
| <b>National</b>              | -                       | -                   | -                  | -            | 01                 | -                   | -                  | <b>01</b>    |
| <b>Total</b>                 | <b>01</b>               | <b>02</b>           | <b>01</b>          | <b>04</b>    | <b>01</b>          | -                   | <b>01</b>          | <b>02</b>    |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| <b>Name of the student/captain of the team</b> | <b>Name of the event in which participated (sports/games)</b> | <b>Name of the Tournament/sports event with date</b> | <b>Name of the organizer</b>            | <b>Place won 1st/2nd/3rd</b> |
|--|---|--|---|------------------------------|
| 1. Britto Pereira                              | Football  | Inter-University west zone football                  | Rani Durgauati Vishwavidyalaya Jabalpur | Gold medal                   |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Dr. Elroy Pinto, Director of Physical Education and Sports won Gold medal for Inter-University west zone football (coach cum manager) organized by Rani Durgauati Vishwavidyalaya Jabalpur from 08/01/2023 to 17/01/2023

**5A.30 Swami Brahamand Mahavidyalaya, Tapobhoomi Kundaim Goa**

**Year of Establishment:** 2017

**College Address:** Tapobhoomi Kundaim Ponda Goa, 403115

**Principal's Details:**

**Name:** Dnyaneshwar Patil

**Contact No:** 9130066362

**Email:** dnyanesh.goa@gmail.com



College website: <https://www.brahmanandmahavidyalaya.in>

**Courses offered, sanctioned and filled strength:**

| Course Offered  | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|-----------------|--|--------------------------------------|
| B.A in Sanskrit | 30                                       | 30                                   |

**Invited Lectures given by the faculty:**

| Abroad | Within India          | Within Goa |
|--------|-----------------------|------------|
| Nil    | 01 lecture in Gujarat | Nil        |

**Teachers who obtained research degree during the year:**

| M.Phil. | Ph.D. |
|---------|-------|
| 01      | Nil   |

No. of Teachers pursuing Ph.D.: 01- Dnyaneshwar Patil

**5A.31 Kamaxi College of Culinary Arts, Verna**

**Year of Establishment:** 2020

**College Address:** Plot No - U, Phase No 1 A, Verba Industrial Estate, Salcete, Goa 403722

**Principal's Details:**

**Name:** Ms. Nazia Choudhary

**Contact No:** 8326626363

**Email:** principal@kamaxicollege.edu.in

**College website:** [www.kamaxicollege.edu.in](http://www.kamaxicollege.edu.in)

**Courses offered, sanctioned and filled strength:**

| Course Offered                | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|-------------------------------|--|--------------------------------------|
| B. Voc in Culinary Management | 30                                       | 7                                    |

No. of Candidates, subject wise, registered for Ph. D under the Research Center: 01

**Faculty strength: 08**

**Achievements of the College:**

- Chef Patrick Albert Maitres Cuisinier De France heads the Culinary Department.
- Chef Ellery Abhishek Kulkarni from Philippine conducted a master class for the culinary students showing them the various dishes and delicacy from her country.

- The title of Budding Chef of Goa was awarded to Mr Taksh Bhandari and Ashlesha Mallya held on the 20th August 2022 by Goa food and Hospitality expo & Culinary forum of Goa. They got the 1st Place while
- On 26th August 2022 - The Goan Culinary club Title - Chef Miguel Arcanjo Rolling Trophy for Goa student of the year award for Goan Cuisine 2022 - 1st Place was won by Mr. Rahul Mulye
- The title of Incredible chef Challenge 2022 Goa was won by Mr Rahul Mule with Gold while Ms. Anedra Barbosa, Nigella Furtado and Shania Lobo won the silver.
- On 27th September 2022 - The Travel & Tourism Association of Goa, Skal Goa organised a Competition for Hotel Management Students where Mr. Shania Lobo won the 1st Place
- Kaxami College of Culinary arts along with Culinary Forum of Goa held the International Chef's Day on the 21st October 2022 where Mr. Shania Lobo won the 1st place for Butter Sculpture and Chorizo Poppers.
- Everest Better Kitchen - our student Mr Rahul Mulye and Ashlesha Mallya won the 1st Runner up at the IHM Goa on the 24th January 2023.
- In Mumbai - Bharati Vidhya peeth organised the - Xpression 2023 Forgotten Recipe Competition our student Mr. JessTino Miranda won the 2nd place
- On 23rd March 2023 St Joseph Vax College organised the "Through Millet we Grow" and our student Ms. Ashlesha Mallya won the 2nd Place.
- All the students are successfully placed for Internship in 5 star properties across the country

## 5B. PROFESSIONAL COLLEGES / INSTITUTIONS

### 5B.32 Goa College of Agriculture, Ela Old Goa

**Year of Establishment:** 2022

**College Address:** Goa College of Agriculture, Ela Farm, Ela Old Goa

**Principal's Details:**

**Name:** Dr. Suresh Kunkalika

**Contact No:** 9423889770

**Email:** principalgcagoa@gmail.com

**Courses offered, sanctioned and filled strength:**

| Course Offered               | Sanctioned Strength |       | Filled Strength |       |
|------------------------------|---------------------|-------|-----------------|-------|
|                              | Entry level         | Total | Entry level     | Total |
| B.Sc. (Hons.)<br>Agriculture |                     | 60    |                 | 56    |

**Faculty strength: 14**

**Achievements of the College:**

- The student of T.Y.B.Sc. (Agriculture) won 1st place in event 20000m walk at Intercollegiate Athletic Championship 2022-23 organised by Goa University.
- Signed Memorandum of Understanding (MoU) with HAS University, Netherland.
- Millets, Mango and Music Fest: Awareness Programme was organized by the College for General Public.
- Organized Training to Assistant Agriculture Officers on Millets and Biopesticides.

**Conferences/Workshops Organized (Nos. only)**

- International Level: 2

**Publications:**

| Publications                                  | Cat-I  | Cat-II         | Cat-III | Total |
|---|--|----------------|---------|-------|
|   | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |       |
| I. Research papers in Journals                | 05   | -              | -       | 05    |
|   | International                                | National       | Local   | Total |
| II. Research papers in Conference Proceedings | 06   | -              | -       | 06    |
| Total   | 11   | -              | -       | 11    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 02           | -          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 02           | 07         |

**No. of Teachers pursuing Ph.D.: 1****Awards:**

| Name of the faculty member | Title of the Award  | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award   |
|----------------------------|---|--|
| Dr. Rachana Kolambkar      | Bharat Shiksha Ratan Award  | AAFH and Educational Growth; 13/04/2023  |
| Dr. Gourish Karanjalkar    | a. Best Scientist Award in Horticulture 2023<br><br>b. Best Oral presentation Award | a. By AEDS, Rampur during 7 th Recent Advances in Agriculture, Animal Husbandry, sciences and Technology for sustainable Entrepreneurship from March 26-28, 2023<br><br>b. By AEDS, Rampur during 7 th Recent Advances in Agriculture, Animal Husbandry, sciences and Technology for sustainable Entrepreneurship from March 26-28, 2023 |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 1                | -            | 1           | 2        | -           | -            | -           | -        |
| <b>Total</b>          | <b>1</b>         | <b>-</b>     | <b>1</b>    | <b>2</b> | <b>-</b>    | <b>-</b>     | <b>-</b>    | <b>-</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/<br>captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date | Name of the organizer | Place won 1st/2nd/3rd |
|---|--|---|-----------------------|-----------------------|
| Anant Betkekar                              | Cricket  | West Zone Cricket Championship, Participated  | PDUS University       | Participated          |
| Mayuresh Gaonkar                            | Kho Kho  | West Zone Kho Kho Championship                |                       | Participated          |
| Rama Maulingkar                             | Kabbaddi   | West Zone Kabbaddi Championship               |                       | Participated          |

**5B.33 Goa College of Pharmacy, Panaji**

**Year of Establishment:** 1963

**College Address:** Goa College of Pharmacy, 18<sup>th</sup> June Road, Panaji, Goa-403001.

**Principal's Details:**

**Name:** Dr. Gopal Krishna Rao

**Contact No.:** 0832-2226883.

**Email:** gcpprincipal@yahoo.com

**College website:** www.gcp.goa.gov.in

**The NAAC accreditation Status** (whether accredited, score and Grade, accreditation round):  
Accredited by National Board of Accreditation for three years from 2023 to 2026.

**Courses offered, sanctioned and filled strength (2022-23):**

a) Bachelor in Pharmacy:

|   |   |
|---|---|
| Sanctioned strength                         | 104 (100+4[Tuition fee waiver])   |
| Filled strength                             | 82(Includes EWS-07 + TFW(Tuition Fee Waiver)-04+ GOI(Govt. of India)-01+ Foreign Students-02 = 82 |
| No. of students left after admission rounds | 01  |
| Total                                       | 81  |

b) Master of Pharmacy:

|                   | Sanctioned strength | Filled strength |
|-------------------|---------------------|-----------------|
| Quality Assurance | 17                  | 17              |

|                          |    |    |
|--------------------------|----|----|
| Pharmacology             | 15 | 09 |
| Pharmacognosy            | 15 | 11 |
| Pharmaceutical Chemistry | 15 | 04 |

c) Ph.D. in Pharmacy:

**No. of Candidates, subject wise, registered for PhD under the Research Center:**

Ph.D. in Pharmacy: 18

**Faculty strength No. only:** 32 nos. (June 2022 to May 2023)

**Achievements of the College:**

- (1) The College was awarded accreditation by NBA for three years, 2023-2026.
- (2) The College has been ranked 55<sup>th</sup> in the year 2022 & 66<sup>th</sup> in 2023 in the country by MHRD, New Delhi, under National Institutional Ranking Framework (NIRF)-2023.
- (3) Goa College of Pharmacy, in collaboration with GCEIP, organized the 7<sup>th</sup> Annual International Conference on IPR on 'Current Global Trends in IPR: What we do/should know!!' 15<sup>th</sup> & 16<sup>th</sup> November 2022, where resource persons from India and abroad deliberated. A total of 180 delegates attended the Conference held at the college.

**Results 2022-2023:**

B.Pharm: Final Year

| Total No. of students | First Class with Distinction | Second Class | Passes | Result reserved |
|-----------------------|------------------------------|--------------|--------|-----------------|
| 86                    | 73                           | -            | -      | 13              |

**Conferences/Workshops Organized (Nos. only):**

International Level: One

| Sanctioned strength | Filled strength |
|---------------------|-----------------|
| 10                  | 02              |

**Details of International Conferences/Workshops organized: One**

Title of Conference/Workshop: 7<sup>th</sup> Annual International Conference on IPR: 'Current Global Trends in IPR: What we do/should know !!' on 15<sup>th</sup> & 16<sup>th</sup> November 2022.

A total of 180 delegates attended the Conference held at the college.

Funding Agency:-

Amount Sanctioned : Nil

Date : 15<sup>th</sup> & 16<sup>th</sup> November 2022

**Publications:**

| <b>Publications</b>                             | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         |              |
|---|---|-------------------------|------------------------|--------------|
|   | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            | <b>Total</b> |
| I. Research papers in Journals                  | 20  | --                      | --                     | 20           |
|   | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> |              |
| II. Books/<br>Edited Books.                     | ---   | ---                     | ---                    | ---          |
| (a) Research papers in Edited Books.            |   | ---                     | ---                    |              |
| (b) Books.<br>(Chapter)                         | 02  | ---                     | ---                    | 02           |
|   | <b>International</b>                                | <b>National</b>         | <b>Local</b>           |              |
| III. Research papers in Conference Proceedings. | --  | --                      | --                     | --           |
| <b>Total :</b>                                  | <b>22</b>   | <b>--</b>               | <b>--</b>              | <b>22</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| ---           | 01                  | --                |

**Invited Lectures given by the faculty.**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| ---           | 7                   | 9                 |

Teachers who obtained research degree during the year: NIL

No. of Teachers pursuing Ph.D.: 09

**Sports Achievements of Students:**

| <b>Levels of Competition</b> | <b>Individual Event</b> |                     |                    |              | <b>Team Event</b>  |                     |                    |              |
|------------------------------|-------------------------|---------------------|--------------------|--------------|--------------------|---------------------|--------------------|--------------|
|                              | <b>First Place</b>      | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> | <b>First Place</b> | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> |
| <b>Inter-collegiate</b>      | Swimming                |                     |                    | 01           |                    |                     |                    |              |
| <b>State</b>                 | Dead lift (63 kg)       |                     |                    | 01           |                    |                     |                    |              |
| <b>Total</b>                 |                         |                     |                    | 02           |                    |                     |                    |              |

**Any other Special Achievements of faculty**

1. MoU signed with St. Louis College of Pharmacy (STLCOP), U.S.A. and Government

of Goa under International Pharmacy Student Exchange Program to provide training to teaching faculty and students. In the last year four students from STLCOP, U.S.A. visited Goa College of Pharmacy for 4 weeks in January 2023.

2. Three Indian and one international patent were granted, while six patent applications were filed by the faculty of Goa College of Pharmacy.

#### 5B.34 Nirmala Institute of Education, Altinho, Panaji – Goa.

**Year of Establishment:** June 1963

**College Address:** Nirmala Institute of Education, Altinho, Panaji-Goa

**Principal's Details:**

**Name:** Dr. Delia Antao

**Contact No:** 9011545383

**Email:**niegoa@gmail.com

**College website:** www.nirmalainstitute.org

**Courses offered, sanctioned and filled strength:**

| Course Offered               | Sanctioned Strength |       | Filled Strength |       |
|------------------------------|---------------------|-------|-----------------|-------|
|                              | Entry level         | Total | Entry level     | Total |
| B.Ed.                        | 100                 |       | 100             | 100   |
| PGDGC                        | 30                  |       | 14              | 12    |
| M.A. in Wellness Counselling | 40                  |       | 17              | 15    |

**Faculty strength:** 14

**Achievements of the College:**

1. Organised an International Conference on the topic 'Incorporating Elements of Theatre into Pedagogy at Different Levels of Education.'

**Conferences/Workshops Organized (Nos. only)**

International Level: 1

National Level: 1

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III | Total |
|--------------------------------|--|----------------|---------|-------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |       |
| I. Research papers in Journals | 1  | 6              | 3       | 10    |



|                        | Foreign Publisher | Indian Publisher | Local Publisher | Total     |
|------------------------|-------------------|------------------|-----------------|-----------|
| II. Books/Edited Books | --                | --               | 3               | 3         |
| <b>Total</b>           | <b>1</b>          | <b>6</b>         | <b>6</b>        | <b>13</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
|        |              | 8          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
|        |              | 22         |

**No. of Teachers pursuing Ph.D.: 8**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | --               | --           | 1           | 1     | --          | --           | --          | --    |
| <b>Total</b>          | --               | --           | 1           | 1     | --          | --           | --          | --    |

**5B.35 Goa College of Engineering, Farmagudi Ponda**

**Year of Establishment:** 1967

**College Address:** Goa College of Engineering, "Bhauasaheb Bandodkar Technical Education Complex" Farmagudi, Ponda-Goa 403401

**Principal's Details:**

**Name:** Dr. Krupashankara M.S.

**Contact No:** 91-832-2336301/309

**Email:** [ppl@gec.ac.in](mailto:ppl@gec.ac.in)

**College website:** [www.gec.ac.in](http://www.gec.ac.in)

**Six B.E. courses are accredited by NBA**

| Sr. No. | Name of the programs   | Period of Validity          |
|---------|------------------------|-----------------------------|
| 1       | Civil Engineering      | Academic Years 2022-2023 to |
| 2       | Mechanical Engineering |                             |

|   |   |                                |
|---|---|--------------------------------|
| 3 | Electrical & Electronics Engineering        | 2024-2025 i.e. up to 30/6/2025 |
| 4 | Electronics & Telecommunication Engineering |                                |
| 5 | Computer Engineering                        |                                |
| 6 | Information Technology                      |                                |

**Courses offered, sanctioned and filled strength:**

| Sr. No.                                | Course offered  | Sanctioned strength entry level (Total)   | Filled strength entry level (Total) |
|--|---|---|-------------------------------------|
| <b><u>Bachelors of Engineering</u></b> |   |   |                                     |
| 1                                      | Civil Engineering                                       | 75  | 73                                  |
| 2                                      | Mechanical Engineering                                  | 75  | 77                                  |
| 3                                      | Electrical & Electronics Engineering                    | 75  | 80                                  |
| 4                                      | Electronics & Telecommunication Engineering             | 75  | 77                                  |
| 5                                      | Computer Engineering                                    | 75  | 75                                  |
| 6                                      | Information Technology                                  | 75  | 77                                  |
| 7                                      | Electronics Engineering (VLSI Design & Technology)      | 75  | 71                                  |
| 8                                      | Mining  | 30  | -                                   |
| Remarks                                |   | 5% AICTE, GOI & PMSSS candidate for B.E. first year & 10% Direct B.E. year admission. |                                     |
| <b><u>Master of Engineering</u></b>    |   |   |                                     |
|  |   | Sanctioned  | filled                              |
| 1                                      | Foundation Engineering                                  | 18  | 07                                  |
| 2                                      | Industrial Engineering (Part Time)                      | 18  | 15                                  |
| 3                                      | Electronics Communication & Instrumentation Engineering | 15  | -                                   |
| 4                                      | Micro Electronics Engineering                           | 15  | -                                   |
| 5                                      | Power & Energy Engineering                              | 18  | -                                   |
| 6                                      | Computer Science Engineering                            | 18  | -                                   |
| 7                                      | Information Technology Engineering                      | 18  | 08                                  |
| 8                                      | Structural Engineering                                  | 18  | 18                                  |
| 9                                      | Industrial Automation & Radio Frequency Engineering     | 18  | 08                                  |
| <b><u>Ph.D. Program</u></b>            |   |   |                                     |
|  |   |   | Filled                              |
| 1                                      | Civil Engineering                                       | Centralized admission process is carried out at Goa University                        | 03                                  |
| 2                                      | Electrical & Electronics Engineering                    |   | -                                   |
| 3                                      | Electronics & Telecommunication Engineering             |   | -                                   |
| 4                                      | Mechanical Engineering                                  |   | 05                                  |

**Research Centre, If any:**

1. Ph.D in Civil Engineering
2. Ph.D in Mechanical Engineering

3. Ph.D. in Electrical and Electronics Engineering
4. Ph.D in Electronics and Telecommunication Engineering

**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:**

Civil Engineering-21  
Mechanical Engineering- 12  
Electrical & Electronics Engineering-05  
Electronics & Telecommunication Engineering-07

**Any new course(s) started:** B.E in Electronics Engineering (VLSI Design and Technology)

**Faculty strength:** Regular- 95

**Achievements of the College:**

Civil Department:-

- NBA Accreditation for 3 years from 2022-2024
- **Maximum no. Ph.D students pursuing in the Civil Engineering Department (Nos can be seen as above.**
- Running PG (Structural Engg.) with full strength from the year of inception of the course
- ME (Foundation) Course syllabus revised
- Has conducted 3 Courses in association with INSTRUCT
- Has started 2 New Student Chapters (BIS Club and IGS )

Mechanical Engineering

- The Mechanical Engineering Department of Goa College of Engineering organized AICTE sponsored a Two-Week national level ATAL Faculty Development Program on “Waste to Energy and Biofuels” from 14 - 25 November 2022.
- NBA accreditation for three Academic Years 2022-23, 2023-24 and 2024-25, i.e., upto 30-06-2025.

Electrical & Electronics Department:-

- 1) The Electrical and Electronics department was accredited by NBA for 3 years from July 2022.
- 2. Students of the Electrical and Electronics department Develop Mobile Operated Sectionalizer for feeder control for the Electricity Dept., of Goa. The Product is developed and designed to operate an 11 kV sectionalizer unit remotely by sending status, open and close commands via SMS which helps to identify and isolate the faulty line section in a very short duration of time. The user can control and operate sectionalized remotely and get real-time feedback on its status. Prof.Jayesh Priolkar was the project guide

**Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh)**

| Sr. No. | Name of Investigator/s                 | Project Title   | Date of Sanction and duration       | Funding Agency                                    | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|--|---|-------------------------------------|---|----------------------|--|
|         | <b>Civil</b>                           |   |                                     |   |                      |  |
| 1.      | Dr. K.G Guptha & Prof. Wilma Fernandes | Preparation of state specific Action Plan for the state of Goa<br>A Project of National water mission | 21 <sup>st</sup> Oct, 2021 one year | Government of India<br>Water Resources Department | 10.0 lakhs           | Completed and report is ready for submission   |
|         | <b>ETC</b>                             |   |                                     |   |                      |  |
| 1.      | Dr. Nitesh Guinde                      | Heterogeneous   | 07/6/2022                           | Dept. of Science & technology                     | 2.5 Lakhs            | Sanctioned                                     |
| 2.      | Mr. Devendra Sutar                     | Multi-Core Processor  |                                     |   |                      |  |
| 3.      | Dr. Rajesh B. Lohani                   | Performance Enhancement   |                                     | & Waste management                                |                      |  |

**Conferences/Workshops Organized (Nos. only)**

National Level: 02

State Level: 16

**Details of International Conferences/Workshops/Webinars organized:**

**ETC:- 04**

1. Workshop in collaboration with ARMs Society of GEC
2. Workshop on Intellectual Property Rights (IPR)
3. Raspberry Pi workshop
4. Workshop on “PLC programming & “LABVIEW”

**IT-03**

**Publications:**

| Publications                   | Cat-I  | Cat-II                       | Cat-III                                 | Total |
|--------------------------------|--|------------------------------|---|-------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized               | ISSN                                    |       |
| I. Research papers in Journals | Civil- 4<br>ETC- 5<br>IT- 01                 | Civil-03<br>Mech-01<br>IT-01 | Civil-01 accepted<br>Comp- 01<br>ETC-04 | 36    |

|  |                                 |   |                            |              |
|--|---------------------------------|---|----------------------------|--------------|
|  | Sc&H-01                         |   | Mech-04<br>IT-10           |              |
|  | <b>Foreign<br/>Publisher</b>    | <b>Indian<br/>Publisher</b>                 | <b>Local<br/>Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                         |                                 |   |                            |              |
| a. Research papers in Edited Books             | ETC-5                           | Civil- 05 from previous conference<br>ETC-1 | Civil-01                   | 12           |
| b. Books                                       |                                 |   |                            |              |
|  | <b>International</b>            | <b>National</b>                             | <b>Local</b>               | <b>Total</b> |
| III. Research papers in Conference Proceedings | Civil- 23<br>Mech- 06<br>ETC-10 | Civil- 03<br>Mech- 01<br>IT-01              | Civil-03<br>Comp-01        | 48           |
| Total  | 55                              | 16  | 25                         | 96           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad    | Within India  | Within Goa                              |
|-----------|---|---|
| Civil -01 | Civil-09<br>Mech-09<br>Comp-05<br>ETC-03<br>IT- 01<br>Sc&H-01 | Civil-01<br>Comp-05<br>IT-01<br>Sc&H-01 |

**Invited Lectures given by the faculty:**

| Abroad | Within India                | Within Goa                   |
|--------|-----------------------------|------------------------------|
| ETC-01 | Civil-05<br>Mech-01<br>E&E- | Civil-07<br>Mech-03<br>IT-09 |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D.  |
|----------|--|
|          | Mechanical- Mahesh Mohan Caisucar<br>Electrical & Electronics- Sangeeta Mahadalkar<br>Electrical & Electronics- Suneeta S. Raykar<br>Electrical & Electronics- Sonali Dattatray Pandit |

**No. of Teachers pursuing Ph.D.:**

|            |    |
|------------|----|
| Civil      | 02 |
| Mechanical | 01 |
| ETC        | 03 |

|                          |    |
|--------------------------|----|
| Computer                 | 04 |
| Electrical & Electronics | 02 |
| IT                       | 02 |

**Awards:**

| Name of the faculty member  | Title of the Award  | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award   |
|---|---|--|
| <b>Civil</b><br>Dr. K. G. Guptha                                  | 1.Emminent Engineer<br>2.Champion of Civil Engineering<br>3.Guru Vishista | 1.National Institute of Technology, Goa<br>2.Association of Infrstructure Industry (India) and J K Cements Limited<br>3. Dayanand Sagar Business School, Bangalore |
| <b>IT</b><br>1. Dr.. Nilesh B. Fal Dessai<br>2. Prof. Megha Nayak | AICTE-LITE brand Ambassador of Change                                     | AICTE  |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | 1                | 1            | 3           | 05        | 2           | 1            | --          | 03        |
| State                 | 2                | 1            | --          | 03        | --          | --           | --          | --        |
| <b>Total</b>          | <b>03</b>        | <b>02</b>    | <b>03</b>   | <b>08</b> | <b>02</b>   | <b>01</b>    | <b>--</b>   | <b>03</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date         | Name of the organizer | Place won 1st/2nd/3rd |
|---|--|---|-----------------------|-----------------------|
| Mrunal Bhatkande                        | Badminton  | West Zone Inter University Championship               | Kota University       | Participation         |
| Neetal Haldankar                        | Net-Ball   | 40 <sup>th</sup> Senior National Netball Championship | Netball Association   | Participation         |

|                     |           |  |                        |               |
|---------------------|-----------|--|------------------------|---------------|
| Atharva Gayakwad    | Net-Ball  | 1 <sup>st</sup> Junior National Fast<br>5 Netball Championship | Netball<br>Association | Participation |
| Vaibhav M. Vernekar | Net- Ball | 1 <sup>st</sup> Junior national Fast<br>5 Netball Championship | Netball<br>Association | Participation |
| Aryan S. Naik       | Net-Ball  | 40 <sup>th</sup> Senior National<br>Netball Championship       | Netball<br>Association | Participation |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

**Civil:-**

1. No. of Ph. D. produced : 01
2. . No. of Ph.D s. submitted pre-synopsis : 03

**Mechanical**

- Dr. Suraj Rane and Dr. Milind Sakhardande were session chairs at the 2nd International Conference on Recent Trends in Engineering, Technology and Business Management (ICRTETBM 2023) held during 22-24, Feb. 2023, organised by Amity University, Noida.

**IT:-**

- Dr. Nilesh B. Fal Dessai is appointed as AICTE- LITE mentor for the state of Goa.
- Prof. Megha Nayak was also appointed as AICTE- LITE mentor for the state of Goa
- Prof. Megha Nayak and Prof. Deepali Raikar have helped in the revamping of the ICT curriculum as per NEP and have trained 455 school teachers to bring them abreast with latest technologies.
- Dr. Nilesh B. Fal Dessai, Dr Aisha Fernandes and Prof Bipin Naik have aided in the signing of an MOU with the Goa Police and also organized a Createath on Event under the same to solve a real time problem faced by the State Police.

**5B.36 Goa College of Art, Altinho, Panaji**

**Year of Establishment:** 1972

**College Address:** Goa College of Art, Altinho, Panaji

**Principal's Details**

**Name:** Shri Wilfred Goes

**Contact No:** 2226104

**Email:** [ppl-gcart.goa@gov.in](mailto:ppl-gcart.goa@gov.in)

**College Website:** [www.goacollegeofart.com](http://www.goacollegeofart.com)

**Courses offered, sanctioned and filled strength:**

- B.F.A. (Painting) ..... 23 students
- B.F.A. (Applied Art)..... 34 students
- E.W.S. ....06 students
- T.F.W. ....03 students
- Total .....66 Students

- M.F.A. (Painting) ..... 10 students
- M.F.A. (Applied Art).....10 students
- E.W.S. ....02 students
- Total .....22 Students

**Faculty strength (No. only):** Regular – 14

**5B.37 V. M. Salgaocar College of Law, Miramar Panaji- Goa**

**Year of Establishment: 1973**

**College Address:** V. M. Salgaocar College Of Law, Miramar Panaji-Goa

**Principal’s Details:**

**Name:** Dr. Shaber Ali

**Contact No:** 0832-2462225

**Email:** vmscl@rediffmail.com

**College website:** www.vmslaw.edu.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle | Grade | CGPA | Year of Accreditation     | Validity Period           |
|-------|-------|------|---------------------------|---------------------------|
| 3rd   | B+    | 2.56 | 2 <sup>nd</sup> Nov. 2018 | 1 <sup>st</sup> Nov. 2023 |

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| B.A. LLB       |                     | 120   | 120             | 120   |
| LLB DEGREE     |                     | 120   | 120             | 110   |
| LLM            |                     | 50    | 50              | 45    |

**Research Centre, If any:** V. M. Salgaocar Research Centre

**No. of Candidates, subject wise, Registered for Ph. D under the Research Center:**

Law, 23

**Faculty strength: 22**

- Miss Bhakti C. Naik – Deputed as Assistant Director (Acad.), Directorate of Higher Education.

**Achievements of the College:**

• **INTERNATIONAL ACHIEVEMENT**

International Mediation Tournament, School of Law, SWPS University, Poznan, Poland. Ms. Aashna Pathak & Ms Komal Mathur won the International Mediation Tournament, School of Law, SWPS University, Poznan, Poland. 1st place for negotiating pair. Best mediator



speeches award for our team. The team also won best individual mediator opening statement. Ms. Komal Mathur's individual score is the highest among all participants. She scored 59.5 out of 60 by each judge. The team represented not just India but also Asia. The team was coached by Dr. B.S. Patil.

### **NATIONAL LEVEL ACHIEVEMENTS**

- Saeed Bhate & Samrudhi Raut secured 1st runners up at 1st Virtual National Client Counselling Competition, 2022 ICFAI Law School, Jaipur held on 15-16<sup>th</sup> December 2022.
- Vrutika Prabhu & Davesh Narvekar Winners best negotiating pair at 3rd Edition of National ADR Triathlon organized by the Government Law College Mumbai on 25th-26th of February, 2023.
- Esha Ghodekar & Raj Chodankar Winners JUSTITIA 2023: National Client Counselling Competition by Osmania University, Hyderabad on March 3rd and 4th, 2023.
- Saloni Parab & Eeshan Patil for winning "Spirit of the Competition" at Allen & Overy – NLUJ International Deal Negotiation Competition NLU Jodhpur on March 10-12, 2023.
- Meera Bhandarkar & Joshua Dias for winning 2nd runners up at Client Counselling at CONCORDIA: NATIONAL ADR FEST 2023, Organised by– Alternative Dispute Resolution Board (ADRB) Hamdard Institute of Legal Studies & Research (HILSR) School of Law Jamia Hamdard on 17-19 March 2023 Participation in State and National Moot Court Competition 2022.

**Sponsored Research Projects only sanctioned/Completed during June 2021 and May 2022. (Include only research projects of minimum Rs one lakh)**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b>        | <b>Project Title</b> | <b>Date of Sanction and duration</b> | <b>Funding Agency</b>                    | <b>Amount (Rs in Lakhs)</b> | <b>Specify whether sanctioned/completed with date</b> |
|----------------|--------------------------------------|----------------------|--------------------------------------|--|-----------------------------|---|
|                | Dr. M.R.K. Prasad<br>Dr. Sandhya Ram | POSH                 | 19.8.2022 & 11/1/2023                | GIPARD & Directorate of Higher Education | 203225/-                    | Yes   |

### **Conferences/Workshops Organized (Nos. only)**

International Level: 1

National Level: 1

State Level: 1

### **Publications:**

| <b>Publications</b> | <b>Cat-I</b>                               | <b>Cat-II</b>         | <b>Cat-III</b> |              |
|---------------------|--|-----------------------|----------------|--------------|
|                     | <b>Scopus, Web of Science, ICI indexed</b> | <b>UGC Recognized</b> | <b>ISSN</b>    | <b>Total</b> |

|   |                          |                         |                        |    |
|---|--------------------------|-------------------------|------------------------|----|
|   | <b>journals</b>          |                         |                        |    |
| I. Research papers in Journals                        | --                       | --                      | 06                     | 06 |
|   | <b>Foreign Publisher</b> | <b>Indian Publisher</b> | <b>Local Publisher</b> |    |
| II. Books/<br>Edited Books.                           | ---                      | ---                     | 01                     | 01 |
| (a) Research papers in Edited Books.                  |                          | ---                     | ---                    |    |
| (b) Books.<br>(Chapter)                               | 02                       | ---                     | ---                    | 02 |
|   | <b>International</b>     | <b>National</b>         | <b>Local</b>           |    |
| III. Research papers<br>in Conference<br>Proceedings. | 06                       | 01                      | -                      | 07 |
| Total :   | 08                       | 01                      | 07                     | 16 |

**Papers presented in Conferences/Seminars/Workshops:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|               | 13                  | 44                |

**Invited Lectures given by the faculty:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| 1             | 24                  | 62                |

**Teachers who obtained research degree during the year:**

|                 |              |
|-----------------|--------------|
| <b>M. Phil.</b> | <b>Ph.D.</b> |
|                 | 01           |

**No. of Teachers pursuing Ph.D.: 12**

**Awards:**

| <b>Name of the faculty member</b> | <b>Title of the Award</b> | <b>Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award</b> |
|-----------------------------------|---------------------------|--|
| Dr. Andryusha A. D'costa e Pinho  | Ph.D.                     | Goa University   |

**Sports Achievements of Students:**

| <b>Levels of Competition</b> | <b>Individual Event</b> |                     |                    |              | <b>Team Event</b>  |                     |                    |              |
|------------------------------|-------------------------|---------------------|--------------------|--------------|--------------------|---------------------|--------------------|--------------|
|                              | <b>First Place</b>      | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> | <b>First Place</b> | <b>Second Place</b> | <b>Third Place</b> | <b>Total</b> |
|                              |                         |                     |                    |              |                    |                     |                    |              |

|                  |   |   |   |    |   |   |   |   |
|------------------|---|---|---|----|---|---|---|---|
| Inter-collegiate | 8 | 6 | 5 | 19 | - | - | 1 | 1 |
| State            | 1 | - | 1 | 2  | - | - | - | - |
| National         | - | 2 | 1 | 3  | - | - | - | - |
| International    | - | - | - | -  | - | - | - | - |
| Total            | 9 | 8 | 7 | 24 | - | - | 1 | 1 |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/ sports event with date       | Name of the organizer          | Place won 1st/2nd/3rd |
|---|--|--|--------------------------------|-----------------------|
| Dhru Kumar                              | Weight lifting (National)                              | December   | Goa Amateur Boxing Association | 3rd                   |
| Joann Dcosta                            | National Karate  | NSKA National Karate Champion                        | Gujrat                         | 2 <sup>nd</sup>       |
| Amogh Bawachikar                        | Table Tennis   | Interuniversity Tournament                           | Bhopal                         | Participation         |
| Iram Irshad Khatri                      | Judo & Power Lifting                                   | India Judo Championship & Power lifting Championship | Goa University                 | Participation         |
| Mysten D'Souza                          | Hockey (Men's Championship)                            | ITM University Gwalior                               | Goa University                 | Participation         |

### 5B.38 V. V. M's Govind Ramnath Kare College of Law, Margao

**Year of Establishment: 1979**

**College Address:** Vidya Vikas Mandal's G. R. Kare College of Law Shree Damodar Educational campus, P.O. Box No. 777, G.R. Kare Road, Tansor, Comba Margao, Goa -403601.

**Principal's Details:**

**Name:** Dr. Saba V. M. Da Silva

**Contact No:** 8275540890 / 0832-2722544

**Email:** principal.grkcl@vvm.edu.in

**College website:** [www.grkarelaw.edu.in](http://www.grkarelaw.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle     | Grade           | CGPA | Year of Accreditation           | Validity Period                 |
|-----------|-----------------|------|---------------------------------|---------------------------------|
| 2nd Cycle | B <sup>++</sup> | 2.78 | 23 <sup>rd</sup> February, 2021 | 22 <sup>nd</sup> February, 2026 |

**Courses offered, sanctioned and filled strength:**

| Name of the Course | Sanctioned | 1st Year | 2nd Year | 3rd Year | 4th Year | 5th Year | Total |
|--------------------|------------|----------|----------|----------|----------|----------|-------|
| BA.LL.B            | 300        | 58       | 50       | 59       | 65       | 73       | 305   |
| LL.B (DEGREE)      | 180        | 60       | 49       | 39       | -        | -        | 148   |
| LL.M (CBCS)        | 80         | 16       | 9        | -        | -        | -        | 25    |
| Ph.D               | 04         | 4        | -        | -        | -        | -        | 4     |

**Faculty strength:** 1 Principal + 8 full time + 10 contract basis + 1 Director of physical education + 1 Librarian = **21**

**Achievements of the College:**

1. Ranked no.7 in India and no. 1 in Goa in the CSR law school survey on top outstanding schools of excellence.
2. Memorandum of Understanding signed with Goa Institute of Public Administration & Rural Development (GIPARD)
3. Memorandum of Understanding signed with Victor Dantas Law College, Kudal
4. Memorandum of Understanding signed with Goa College of Pharmacy, Panaji

**Conferences/Workshops Organized (Nos. only)**

State Level: 5

National Level: 2

International Level (Only if there is participation of at least 10% of Scholars from abroad): 2

**Details of International Conferences/Workshops organized**

| The title of the Conference/Workshop   | Funding agency | Amount sanctioned and date | Number of participants from abroad |
|--|----------------|----------------------------|------------------------------------|
| International webinar with Memorandum of Understanding partner University of Porto | Not Applicable | Not Applicable             | 80                                 |

**Publications**

| Publications                | Cat-I  | Cat-II           | Cat-III | Total |
|-----------------------------|--|------------------|---------|-------|
|                             | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN    |       |
| Research papers in Journals | NIL  | 04               | 05      | 09    |
|                             | Foreign                                      | Indian Publisher | Local   |       |

|   | Publisher     |           | Publisher |           |
|---|---------------|-----------|-----------|-----------|
| Books/Edited Books                        | No.           | No.       | No.       |           |
| Research papers In Edited Books           | NIL           | 03        | NIL       | 03        |
| Books                                     | 01            | NIL       | 01        | 02        |
|   | International | National  | Local     |           |
| Research papers in Conference Proceedings | 01            | 01        | NIL       | 02        |
| <b>Total</b>                              | <b>02</b>     | <b>08</b> | <b>06</b> | <b>16</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 8      | 13           | 6          |

**Invited Lectures given by the faculty.**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | NIL          | 05         |

\* Had to attend the Lecture through Virtual mode.

**No. of Teachers pursuing Ph. D: 7**

**Awards**

| Name of the faculty member | Title of the Award                     | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|--|--|
| 1. Ms. Yamini Dalvi        | Gratitude for support & service Awards | Rotary Club, Margao, Midtown   |
| 2. Sapresh Devidas         | Young researcher award                 | Scientific international publishing house registered under Ministry of SME, Govt. of India.            |
| 3. Sapresh Devidas         | Young Professional                     | GMS Goa.   |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-                | 6                | -            | 2           | 8     | 1           | 1            | -           | 2     |

|                   |          |          |          |          |          |          |          |          |
|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>collegiate</b> |          |          |          |          |          |          |          |          |
| <b>National</b>   | -        | -        | -        | -        | -        | -        | 1        | 1        |
| <b>Total</b>      | <b>6</b> | <b>-</b> | <b>2</b> | <b>8</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>3</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| <b>Name of the student/ captain of the team</b> | <b>Name of the event in which participated (sports/games)</b> | <b>Name of the Tournament/ sports event with date</b>  | <b>Name of the organizer</b>          | <b>Place won 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup></b> |
|---|---|--|---------------------------------------|---|
| Shubham Pagi                                    | Tennikoit   | West Zone National Tennikoit championship 2022 23 <sup>rd</sup> to 25 <sup>th</sup> December, 2022 | Madhaya Pradesh Tennikoit Association | 3 <sup>rd</sup> place   |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution):**

1. Organizing Crises Control International Competition (CCIC) through hybrid mode by partnering with International MOU partners.
2. Very active Legal Aid & Moot Court Society of the college.
3. Young & dynamic faculty have written books and have undertaken a lot of research work and have presented papers at international levels.
4. In-house Thank-Tank session organized for faculty.

### **5B.39 Goa Dental College and Hospital, Bambolim**

**Year of Establishment:** 1980

**College Address:** Goa Dental College & Hospital, Bambolim, Goa 403 202.

**Principal's Details:**

**Name:** Dr. Ida De Noronha De Ataide

**Contact No:** 9423060880

**Email:** dean-gdch.goa@nic.in

**College website:** <http://gdch.goa.gov.in>

**Courses offered, sanctioned and filled strength: B.D.S. : 50 M.D.S. : 18**

| Course Offered | Sanctioned Strength |         | Filled Strength |       |
|----------------|---------------------|---------|-----------------|-------|
|                | Entry level         | (Total) | Entry level     | Total |
| B.D.S          |                     | 50      |                 | 48    |

|       |    |    |
|-------|----|----|
| M.D.S | 18 | 18 |
|-------|----|----|

**Faculty strength: 70**

**Conferences/Workshops Organized (Nos. only)**

State Level: 05

**Publications:**

| Publications |   | Cat-I  | Cat-II          | Cat-III      | Total        |
|--------------|---|--|-----------------|--------------|--------------|
|              |   | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN         |              |
| I.           | Research papers in Journals               | 07   | Nil             | 11           | 18           |
|              |   | <b>International</b>                         | <b>National</b> | <b>Local</b> | <b>Total</b> |
| II.          | Research papers in Conference Proceedings | Nil  | 18              | 07           | 25           |
| Total        |   | 07   | 18              | 18           | 43           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 39           | 09         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 02           | 07         |

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| State                 | -                | 01           | -           | -     | -           | -            | -           | -     |
| <b>Total</b>          | -                | <b>01</b>    | -           | -     | -           | -            | -           | -     |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date | Name of the organizer | Place won 1st/2nd/3rd |
|---|--|---|-----------------------|-----------------------|
| Dr. Sachin Kakodkar                     | Annual Civil Services State Selection for Chess        | 23/01/2023                                    | Goa Government        | 2 <sup>nd</sup>       |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

1. Dr. Ida de Noronha de Ataide served as a member for the Dental Council of India
2. Dr. Marina Fernandes served as an executive committee member of the Indian Endodontic Society and as a result presided over several IES events.
3. Dr. Rajan Lambor served as a President of Indian Dental Association – Goa Branch.
4. Dr. Alex Immanuel won best paper titled-Esthetic makeover: A CAD/CAM Rehabilitation with injectable composite – case series, at the 30<sup>th</sup> National IESCON in Vasant Kunj, New Delhi.
5. Dr. Aswathy Raj R won best poster title- Premixed bioceramics: A novel pulp capping agent at the IES PG Convention in Aurangabad.

**5B.40 Institute of Psychiatry and Human Behaviour, Bambolim**

**Year of Establishment:** 1980

**College Address:** Institute of Psychiatry and Human Behaviour Opp. Holy Cross Shrine Bambolim Goa 403002

**Principal's Details:**

**Name:** Prof. Dr. Shivanand Bandekar,

**Contact No:** 0832-2458240 / 0832-2458687

**Email:** [dir-iphb.goa@nic.in](mailto:dir-iphb.goa@nic.in)

**College Website:** <https://iphb.goa.gov.in/>

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** NAAC Accreditation is not yet done

**Courses offered, sanctioned and filled strength:**

| Courses offered                    | Sanctioned Strength |         | Filled Strength |         |
|------------------------------------|---------------------|---------|-----------------|---------|
|                                    | Entry level         | (Total) | Entry level     | (Total) |
| M. Phil in Psychiatric Social Work | 8                   |         | 7               |         |



|   |   |   |
|---|---|---|
| Post Basic Diploma in Psychiatric/Mental Health Nursing | 9 | 2 |
|---|---|---|

### Faculty Strength – 3

| Sr. No | Course  | Faculty Strength |
|--------|---|------------------|
| 1      | M. Phil in Psychiatric Social Work                      | 2                |
| 2      | Post Basic Diploma in Psychiatric/Mental Health Nursing | 1                |
|        | Total   | 3                |

### Achievements of the College:

- Mental Health awareness program were conducted during mental health week celebration at Mandur Village Panchayat on 14/10/2022
- Five students successfully completed M.Phil In Psychiatric Social Work Programme in September 2022.
- 5 candidates joined IPHB as Psychiatric Social Worker on Bond Service in December 2022.
- **Students secured first place in Research Paper**, presented on the topic “Intervention with sexually Abused Children” at the 2- days National Seminar “Integrative Therapy, Innovations And Best Practices in Counselling” organized by the Goa College of Home Science Campal, Panaji, Goa, in association with the Directorate of Higher Education, Government of Goa on 2<sup>nd</sup> and 3<sup>rd</sup> of March 2023.
- Three students of Post Basic Diploma in Psychiatric Nursing programme has answered the final University exam and successfully cleared it. 100% result with one distinction and two first classes.

### Conferences/Workshops Organized (Nos. Only)

National Level: 1

### Publications:

| Publications                                   | Cat -I  | Cat - II                | Cat - III              | Total        |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals                 | --  | 01                      | 01                     | 02           |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                         | --  | 01                      | --                     | 01           |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| III. Research papers in Conference Proceedings | --  | --                      | --                     | --           |
| Total  | --  | 02                      | 01                     | 03           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | 5            | 4          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | 3            | 19         |

**No. of Teachers pursuing Ph. D.: 2**

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)-**

- Sudesh Nanda Gaude, Assistant Professor in Psychiatric Social Work has been felicitated as best Nodal Officer for accessible election by office of the Chief electoral Officer, Altinho Panaji -Goa on the occasion of National Voter day on 25<sup>th</sup> January 2023.

-Sudesh Nanda Gaude, Assistant Professor in Psychiatric Social Work has been recognized for Services rendered towards Youth Development by Nehru Yuva Kendra of the hands of Hon'ble Speaker, Government of Goa on Golden Jubilee Celebration of Nehru Yuva Kendra on 12<sup>th</sup> January 2023.

**5B.41 Goa College of Architecture, Altinho, Panaji Goa**

**Name of the College :** Goa College of Architecture, Altinho, Panaji-Goa.

**Year of Establishment:** B. Arch started in 1982

**College Address:** Goa College of Architecture, Dr. T.B. Cunha Educational Complex, Altinho, Panaj,-Goa.

**Principal's Details:**

**Name:** Dr. Ashish K. Rege

**Contact No :** 091 (0832) 2227144 / 7588154577

**Email :** [prin.architectre@unigoa.ac.in](mailto:prin.architectre@unigoa.ac.in), [gca.archoffice@gmail.com](mailto:gca.archoffice@gmail.com)

**College website:** <https://gcarch.goa.gov.in>

The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):

**Application is Pending.**

**Courses offered, sanctioned and filled strength:**

| Course Offered                 | Sanctioned Strength |       | Filled Strength |       |
|--------------------------------|---------------------|-------|-----------------|-------|
|                                | Entry level         | Total | Entry level     | Total |
| B. Arch                        | 40+10               | 250   | 50              | 220   |
| M.Arch in Urban Design         | 12                  | 24    | 05              | 14    |
| M. Arch in Sustainable Habitat | 12                  | 24    | 03              | 03    |

**Research Centre, If any:** The research center is yet to be started. The research thesis or Dissertation is under-taken in Sem IX of B. Arch. Based on which the research is carried out annually and published under the title Dissertations in Architecture, working paper series. The volume 10 is in the final stage of printing.

**Faculty strength total = 20.**

**Achievements of the College:**

- 2 of the final year students namely Mr. Mark Vaz and Ms. Savina Cabriel reached the top 10 students in their final design thesis project in the zone 4 of india in which Goa State is positioned.
- Our student Ms. Ayesha D’Souza won the best paper award and cash prize in a essay competition on Sustainablity at Brekley, USA.

**Publications:**

| Publications                                   | Cat-I<br>Scopus, Web of Science, ICI indexed journals | Cat-II<br>UGC Recognized | Cat-III<br>ISSN        | Total        |
|--|---|--------------------------|------------------------|--------------|
| I. Research papers in Journals                 | 5   | --                       | --                     | 5            |
|  | <b>Foreign Publisher</b>                              | <b>Indian Publisher</b>  | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                         |   |                          |                        |              |
| a. Research papers in Edited Books             | 1   | --                       | --                     | 1            |
|  | <b>International</b>                                  | <b>National</b>          | <b>Local</b>           | <b>Total</b> |
| III. Research papers in Conference Proceedings | 6   | 1                        |                        | 7            |
| Total  | 12  | 1                        | --                     | 13           |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 6      | 1            | -          |

**No. of Teachers pursuing Ph.D.: 01**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | --               | --           | 1           | 1     | --          | --           | --          | --    |
| National              | --               | --           | 1           | 1     | --          | --           | --          | --    |
| <b>Total</b>          | --               | --           | 2           | 2     | --          | --           | --          | --    |

**5B.42 Goa College of Music, Altinho, Panaji**

**Year of Establishment:** 1987

**College Address:** Goa College of Music, Dr. T.B. Cunha Educational Complex, Altinho, Panaji – Goa.

**Principal's Details:**

**Name:** Prof. (Dr.) Shashank S. Maktedar

**Contact No:** 0832 – 2432528 / 2232507 / 9423057240

**Email:** [goacollegeofmusic@gmail.com](mailto:goacollegeofmusic@gmail.com) / [prin.music@unigoa.ac.in](mailto:prin.music@unigoa.ac.in)

**College website:** -

**Courses offered, sanctioned and filled strength:**

| Course Offered  | Sanctioned Strength |       | Filled Strength |       |
|---|---------------------|-------|-----------------|-------|
|   | Entry level         | Total | Entry level     | Total |
| Foundation Course in Hindustani Classical Music Vocal/Tabla/Harmonium | 50                  |       | 36              |       |
| Bachelor of Performing Arts in Vocal/Tabla/Harmonium                  | 55                  |       | 42              |       |
| Master of Performing Arts in Vocal/Tabla                              | 20                  |       | 10              |       |

**No. of Candidates, subject wise, registered for Ph. D under the Research Center:**

- Vocal - 04
- Tabla - 03
- Harmonium - 01
- Flute - 01

**Any new course(s) started: Flute**

**Faculty strength: 11**

**Conferences/Workshops Organized (Nos. only)**

**National Level:**

1. Day Workshop on Team Building
2. Days Workshop on Tabla
3. Days Workshop on Harmonium
4. Days Workshop on Research Scholars

**No. of Teachers pursuing Ph.D.: 05**

**5B.43 J. D. Institute of Fashion Technology, Panaji**

**Year of Establishment:** Affiliated in 2019 and established in the year 1988.

**College Address:** JD School of Design, JD Institute of Fashion Technology, Mushtifund Sauntha, Near Mahalaxmi Temple, Dr Dada Vaidya Road, Panjim Goa – 403001

**Principal's Details:**

**Name:** Babu Rajendra Prasad R

**Contact No:** 9845653000

**Email:** [principal@jdinstitute.edu.in](mailto:principal@jdinstitute.edu.in)

**College website:** <https://www.jdinstitute.edu.in/>

**Courses offered, sanctioned, and filled strength: BSc Honour's (Fashion & Apparel Design) & BSc. Honour's**

| Course Offered               | Sanctioned Strength |       | Filled Strength  |       |
|------------------------------|---------------------|-------|------------------|-------|
|                              | Entry Level         | Total | Entry Level      | Total |
| BSc Fashion & Apparel Design | Higher Secondary    | 40    | Higher Secondary | 12    |
| BSc Interior Design          | Higher Secondary    | 40    | Higher Secondary | 10    |

**Faculty strength: 10**

**Publications:**

| Publications                       | Cat-I             | Cat-II           | Cat-III         | Total |
|------------------------------------|-------------------|------------------|-----------------|-------|
|                                    | Foreign Publisher | Indian Publisher | Local Publisher | Total |
| II. Books/ Edited Books            | --                | 1                | --              | --    |
| a. Research papers in Edited Books | --                | --               | --              | --    |

|          |    |    |    |    |
|----------|----|----|----|----|
| b. Books | -- | -- | -- | -- |
| Total    | -- | 1  | -- | 1  |

**No. of Teachers pursuing Ph.D.: 02**

**Awards:**

| Name of the faculty member | Title of the Award                    | Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award                        |
|----------------------------|---------------------------------------|--|
| Dr. Shweta Mariyappanavar  | <b>Outstanding Educationist Award</b> | Scientific Educational Research Society, India & G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/Institution)**

**1. JDSO Becomes the Knowledge Partner For HIDE, Goa, September 2022**

The Hospitality Interior and Design Expo, or HIDE 2022, is a premier event that offers a wide range of solutions to the creative industry for the growth of business, increase of profit, along with building strong consumer relationships. JD School of Design Goa is the knowledge partner for the 2022 edition of HIDE.

The collaboration between JD School of Design and HIDE exemplifies the mission of the educational facility that serves the design, art, and media industries. The institute is powered by the JD Institute of Fashion Technology, which has a history spanning more than 30 years and has given the design industry renowned names while assisting passionate brains.

HIDE is an exclusive trade expo held in India that displays the most recent developments in interior design, lighting, surfaces, and furnishings for the hospitality sector. The event also features a number of lectures and panel discussions about the various methods used in the sector. The event will take place at Taliegao Hall in Panjim, Goa, and is slated to begin on September 30, 2022, and end on October 2, 2022.

The event will be started on September 30, 2022, and Ms. Neysa Vas, Assistant Professor, and head of the department for fashion and apparel design at the JD Institute of Fashion Technology in Goa, will serve as the event host.

Additionally, several other industry experts and the discussion of "Sustainability & its Practices in Interiors" will benefit from the contributions of Dr. Nischay Gowda, HOD, Interior Design & Decoration, JD Institute of Fashion Technology, Bangalore, and Ms. Sandra Agnes D. Souza, Director South, JD Institute of Fashion Technology, Bangalore. It is an opportunity that showcases the quality education that JDSO provides. The institute is known for its global pedagogy that emphasizes practical learning along with theoretical education.

Partnership with HIDE demonstrates the institute's commitment to educating students with

the latest design knowledge. The institute provides the necessary information and commercial exposure to the design community and creative minds.

"We feel a great sense of responsibility and satisfaction in being the knowledge partner for the HIDE 2022. JD School of Design has always used cutting-edge methods to deliver high-quality education. The design school has created a curriculum that is specifically designed for in-depth learning with the help of its team of professionals. The HIDE platform creates a connection point for the learners to reach out to us and engage with the design aesthetics we are offering. A panel discussion with eminent figures from our institute will also provide insight into sustainability and its methods, which are now essential in today's world. Mr. Neesh Dalal, Managing Trustee-JEducatonal Trust, said, "Our cooperation with HIDE gives us the chance to present the knowledge that we impart to the design aspirants and the collaboration and associations we establish to give the maximum to the learners.



## **2. CAMPUS PLACEMENT**

The regional manager for Tommy Hilfiger & Calvin Klein, Ms. Shifali Patel from Bombay visited JD School of Design on 9/3/2023, to recruit students for various positions at their branches all over India. PVH.Corp- has become a global powerhouse in the fashion industry that is fueled by iconic brands such as Calvin Klen, Arrow, US Polo, Flying Machine, Tommy Hilfiger, etc. The regional manager addressed the BSc Fashion and Apparel Design 2019 and 2020 batch students regarding the Brand, and what it has to offer.

The following are the students that have been selected at different locations:

1. Priyanka Kamat
2. Mitsy Souza
3. Lysandra Mascarenhas
4. Keziah Pereira
5. Sheya Anil Parulekar





### STUDENTS PLACEMENT 2022



3. **JD DESIGN AWARDS** was organized in the month of April 2023 for the Final year students of Fashion and Apparel Design and Interior Design, A design platform for our students to showcase their talent and skills.



## JD DESIGN AWARDS 2023



#### **5B.44 Bhartiya Sanskriti Prabodhini's Gomantak Ayurveda Mahavidyalaya and Research Centre, Shiroda**

**Year of Establishment:** 1993

**College Address:** B.S.P's Gomantak Ayurveda Mahavidyalaya & Research Centre, Vajem, Shiroda- Goa 403103.

**Principal's Details:**

**Name:** Dr. Anura P. Bale

**Contact No:** 9822589751

**Email:** baleanura@rediffmail.com

**College website:** [www.gamrc.org](http://www.gamrc.org)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** we are pursuing the process of NAAC accreditation of our Institute.

**Courses offered, sanctioned and filled strength:** B.A.M.S. -Bachelor of Ayurveda Medicine and Surgery (Ayurvedacharya), 60 Seats.

|                   |      |
|-------------------|------|
| AYUSH             | - 09 |
| DTE               | - 38 |
| <u>MANAGEMENT</u> | - 13 |
| Total             | = 60 |

**Research Centre, If any - Yes**

**Faculty strength:** 36

**Achievements of the College:**

1. Mass Suryanamaskar event was organized at our college for all the staff and students on 28<sup>th</sup> January 2023.
2. Guest lecture organized at Kamalabai Hede High School for adolescent Girls Training Programme. Lecture was delivered by Dr. Gandhali Upadhye on the topic Diet & Nutrition.
3. Almost more than 78 lectures delivered in various schools and colleges and various activities conducted under the project Azadi Ka Amrit Mahotsav.
4. 9th day of every month Free Suprajanan Garbhasankar Camp is held by Streeroga & Prasuti Tantra Department of the College.
5. Specialty Health check-up camp is organized bi-monthly at Keri by Dr. Gandhali Upadhye.
6. Our institute is the first institute to start with Suvarnaprashana in the country in 2003. Almost 2,00,645 kids are benefitted.
7. Vruksha Ropan is also done in collaboration with Rotary club of Ponda every year.
8. Dr. Anura P. Bale – Principal is nominated as member of Advisory Council of Indian System of Medicine and as a member of academic council and executive council of Goa University.
9. Our Institute successfully organized 2<sup>nd</sup> Edition of Para-medical sports event “Ranabhumi 2.0” all medical professional colleges in the state of Goa from 04<sup>th</sup> to 07<sup>th</sup> March 2023.

10. Team of GAM&RC won First place in cricket and Miss Sanshika Shirodkar won Miss Happening Title and L. Kishor Mr. Happenings in Happenings organized by GEC in May 2023.
11. MEAR Competition organized by Goa University on the occasion of Women's day, our students; Riddhi won first prize in poetry competition, Tania Naik won second in Artist & Akanksha D. Kumar won third in canvas painting.
12. Two students from United Kingdom (U.K.) were given clinical training in Ayurveda for ten days & certificates were issued.

**Sponsored Research Projects only sanctioned/ Completed during June 2022 and May 2023. (Include only research projects of minimum Rs one lakh)**

| Sr. No. | Name of Investigator/s               | Project Title   | Date of Sanction and duration | Funding Agency                  | Amount (Rs in Lakhs) | Specify whether sanctioned/ completed with date |
|---------|--------------------------------------|---|-------------------------------|---------------------------------|----------------------|---|
| 01      | Dr. Anura Bale,<br>(Dr. Geeta Patki) | To evaluate PCOS with special reference to Ayurvedic parameters | 14/04/2021                    | Bharateeya Sanskriti Prabodhini | 2,00000/-            | Ongoing   |

**Conferences/Workshops Organised (Nos. only):- 9**

**Details of International Conferences/Workshops/Webinars organized (Note: specify only number)**

Webinar – 6 and Workshops - 3

**Publications:**

| Publications                       | Cat-I   | Cat-II                  | Cat-III                | Total        |
|------------------------------------|---|-------------------------|------------------------|--------------|
|                                    | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals     | 03  | 03                      | 14                     | 20           |
|                                    | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books             | --  | --                      | 02                     | 02           |
| a. Research papers in Edited Books | --  | --                      | 06                     | 06           |

|   |                      |                 |              |              |
|---|----------------------|-----------------|--------------|--------------|
| b. Books                                      | --                   | --              | --           | --           |
|   | <b>International</b> | <b>National</b> | <b>Local</b> | <b>Total</b> |
| III. Research Paper in Conference Proceedings | 02                   | 01              |              | 03           |
| <b>Total</b>                                  | <b>05</b>            | <b>04</b>       | <b>22</b>    | <b>31</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| --            | 08                  | 05                |

**Invited Lectures given by the faculty:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| --            | 09                  | 37                |

**Teachers who obtained research degree during the year:**

|                 |               |
|-----------------|---------------|
| <b>M. Phil.</b> | <b>Ph. D.</b> |
| -----           | 01            |

**No. of Teachers pursuing Ph. D: 08**

**Awards:**

| <b>Name of the faculty member</b> | <b>Title of the Award</b>   | <b>Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award</b>                 |
|-----------------------------------|---|---|
| 1) Dr. Sumod Khedekar             | i) Doctor of Philosophy – Kaumarbhritya (Ayu – Pediatrics)                            | i) Datta Meghe Institute of Higher Education and research, Wardha Nagpur, on 13 <sup>th</sup> May, 2023.                      |
| 2) Dr. Geeta Patki                | i) Dhanvatarti Award<br>ii) First place for Paper presentation                        | i) DHS Govt. of Goa 23 <sup>rd</sup> Oct., 2022.<br>ii) Updates in PTSR – National Seminar at Nala Sopara, Mumbai.            |
| 3) Dr. Prathamesh Karpe           | i) Best Paper Presentation – Management of Non healing wounds with classical Ayurveda | i) Augustcon International Conference on practical approach of Samhitas, their implementation in various clinical challenges, |

|  |            |  |
|--|------------|--|
|  | treatment. | held at RavindraBhavan,<br>Margao Goa on 12 &<br>13/08/2022. |
|--|------------|--|

**Sports Achievements of Students: (Note: Specify only numbers)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | --               | --           | 1           | 1     | 1           | --           | --          | 1     |
| <b>Total</b>          | --               | --           | 1           | 1     | 1           | --           | --          | 1     |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

1. All the faculty members participated actively in the World Ayurveda Congress (WAC) held in Dec. 2022 in Goa.
2. Dr. Joy Pereira completed MA in Sanskrit from Tilak Maharashtra Vidyapeeth and a course on Research and Publication Ethics. He was invited to conduct YOGA sessions at G20 meetings held in Goa between March – May 2023. He was also appointed Judge for scientific paper presentation at International conference swasthaya 2022 in KLE, Belgaum.
3. Dr. Geeta Patki is appointed as Vice President (West) for AMSI-National Level Association of Ayurvedic Gyanaec & as Vice President MH-Goa KAG Of – National Association of Ayurved Gyanaec.
4. Dr. Sangram Keshari Das was awarded best Keynote Speaker Award at 3<sup>rd</sup> International Hybrid Conference on Traditional & Alternative Medicine, Panaji on 17<sup>th</sup>& 18<sup>th</sup> Nov., 2022.
5. Dr. Prathamesh Karpe was felicitated by Honorable CM of Goa Dr. Pramod Sawant on 01/07/2022 (Doctor's Day) for his valuable contribution towards prevention of COVID – 19 at Ravindra Bhavan Sanquelim, Goa & also felicitated by Rajasthan Ayurved Aushadalaya for contribution in Health Services during COVID – 19 Pandemic on 25/09/2022 at Margao, Goa.

**5B.45 Goa Vidyaprasarak Mandal's Dr. Dada Vaidya College of Education, Ponda**

**Year of Establishment:** 1993

**College Address:** Shri. Sitaram Kerkar Vidya Sankul Post Box No. 139, Farmagudi Ponda  
Goa 403 401

**Principal's Details:**

**Name:** Dr. Jojen Mathew

**Contact No:** 9423813450

**Email:** gvm.educol@gmail.com

**College website:** www.gvmcollege.com

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

| Cycle           | Grade | CGPA | Year of Accreditation | Validity Period                 |
|-----------------|-------|------|-----------------------|---------------------------------|
| 1 <sup>st</sup> | B     | 2.77 | 2011                  | 15 <sup>th</sup> September 2016 |
| 2 <sup>nd</sup> | B+    | 2.51 | 2017                  | 22 <sup>nd</sup> January 2022   |

**Courses offered, sanctioned and filled strength:**

| Course Offered                                    | Sanctioned Strength |       | Filled Strength                                   |       |
|---|---------------------|-------|---|-------|
|   | Entry level         | Total | Entry level                                       | Total |
| Two Year B.Ed. Programme                          | 110                 |       | First Year B.Ed. - 105<br>Second Year B.Ed. - 104 |       |
| Two Year M.Ed. Programme                          | 50                  |       | First Year M.Ed. - 34<br>Second Year M.Ed. - 39   |       |
| Diploma in Pre-primary Teacher Training Programme | 40                  |       | 30  |       |

**Research Centre, If any:** Ph.D. in Education

**No. of Candidates, subject wise, registered for Ph. D under the Research Center: 18**

**Faculty strength:**

- a) B.Ed. : Full Time (Regular) – 13 , Contract Basis: 01
- b) M.Ed.: Contract Basis (11 months) - 04
- c) Diploma in Pre primary Teacher Training Programme – 01

**Achievements of the College:**

- College organized a world conference on “Ethics in Higher Education” on 17<sup>th</sup> & 18<sup>th</sup> November 2022. 250 participants attended the conference from different countries.
- Swatch Bharat Student Internship – 3<sup>rd</sup> place at all Goa Inter-collegiate level & 1 consolation place
- **Parikrama, 1<sup>st</sup> at All Goa College level, Overall Top 5.**

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s | Project Title  | Date of Sanction and duration | Funding Agency   | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|------------------------|--|-------------------------------|--|----------------------|--|
| 1       | Dr. Anna Neena George  | “Monsoon Diversity (Cultivated and Wild) of Goa and the indigenous Farming | 11/01/2023                    | Department of Science and Technology & Waste Management, | Rs. 2,50,000/-       | Sanctioned                                     |

|  |  |   |  |                            |  |  |
|--|--|---|--|----------------------------|--|--|
|  |  | Practices: A video and Photo Documentary” |  | Govt. of Goa, Porvorim Goa |  |  |
|--|--|---|--|----------------------------|--|--|

**Conferences/Workshops Organized (Nos. only)**

International Level: 1

**Details of International Conferences/Workshops/ Webinars organized: 1**

**Publications:**

| Publications |   | Cat-I  | Cat-II                  | Cat-III                | Total        |
|--------------|---|--|-------------------------|------------------------|--------------|
|              |   | Scopus, Web of Science, ICI indexed journals | UGC Recognized          | ISSN                   |              |
| I.           | Research papers in Journals               | --   | 2                       | 2                      | 4            |
|              |   | <b>Foreign Publisher</b>                     | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II.          | Books /Edited Books                       |  |                         |                        |              |
|              | a. Research papers in Edited Books        | --   | --                      | 3                      | 3            |
|              |   | <b>International</b>                         | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| III.         | Research papers in Conference Proceedings | --   | 4                       | 1                      | 5            |
| <b>Total</b> |   | --   | <b>6</b>                | <b>6</b>               | <b>12</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 7            | NIL        |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 5            | 20         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| NIL      | 1     |



No. of Teachers pursuing Ph.D.: 9

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | --               | --           | --          | --    | 1           | --           | 3           | 4        |
| <b>Total</b>          | --               | --           | --          | --    | <b>1</b>    | --           | <b>3</b>    | <b>4</b> |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date | Name of the organizer                      | Place won 1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> |
|---|--|---|--|---|
| Pooja Naik                              | Inter-collegiate                                       | Table Tennis                                  | GVM's Dr. Dada Vaidya College of Education | 1 <sup>st</sup>   |
| Allauddin Attar                         | Inter-collegiate                                       | Table Tennis                                  | GVM's Dr. Dada Vaidya College of Education | 3 <sup>rd</sup>   |
| Janu Yamkar                             | Inter-collegiate                                       | Goa   | Goa University                             | Semi-finalist   |
| Tanvi Devidas                           | Inter-collegiate                                       | Table Tennis                                  | Goa University                             | Semi-finalist   |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

1. Mr. Vinayak More, Assistant Professor Research Paper was awarded as "BEST PAPER AWARD" at the Annual National Conference on "Challenges In Implementing National Education Policy (NEP) 2020" organized by Maharashtra State Secondary Teacher Educator's Association (MSSTEA) at Smt. Putalaben Shah College of Education, Sangli.
2. Mr. Gautam Gaude, Assistant Professor successfully completed 16 weeks online course on "Academic writing" by Swayam from 11<sup>th</sup> July 2022 to 30<sup>th</sup> Oct 2022.
3. Mr. Shaunak Pagi, College Director of Physical Education Appointed as Nodal Officer for Swatch Bharat Student Internship at Goa University.

## 5B.46 Institute of Nursing Education, Bambolim

**Year of Establishment:** 1993

**College Address:** Institute of Nursing Education, opposite Military Workshop Bambolim Goa

**Principal's Details:**

**Name:** Prof. Dr. Wilson N. Fernandes

**Contact No:** 9552386303 / 7588354077

**Email:** [principal-ine.goa@nic.in](mailto:principal-ine.goa@nic.in)

**College website:** [nursinginstitute.goa.org](http://nursinginstitute.goa.org)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** NA

**Courses offered, sanctioned and filled strength:**

| Course Offered                       | Sanctioned Strength                            |       | Filled Strength              |       |
|--------------------------------------|--|-------|------------------------------|-------|
|                                      | Entry level                                    | Total | Entry level                  | Total |
| B.Sc. Nursing                        | 100 (EWS-10)<br>J&K 8 State quota<br>Total 118 |       | 110+4 (J&K state quota) =114 |       |
| M.Sc. Nursing                        | 25   |       | 3                            |       |
| Post Basic Diploma in Neonatal       | 20   |       | 1                            |       |
| Post Basic Diploma in cardiothoracic | 20   |       | Nil                          |       |

**Faculty strength: 29 (Full time Faculty)**

**Conferences/Workshops Organized (Nos. only)**

National Level: 01

State Level: 01

**Details of International Conferences/Workshops/ Webinars organized:- 02**

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | Nil          | 1          |

**Invited Lectures given by the faculty:**

| Abroad | Within India  | Within Goa  |
|--------|---|---|
| NA     | 1) MAHE Manipal Academy of higher Education Manglore (Karunashrya Bangalore)<br>2) Homi Baba Cancer Institute research centre Vishakapatnam | 1. Bachelor of Physiotherapy GMC Bambolim<br>2. Indian Academy of Pediatrics (IAP) GMC Bambolim |

|  |   |
|--|---|
| 3) Bagchi Karinashraya Bhuvaneshwar                      | 3. Goa University HRDC (Goa University) |
| 4) L.T. College of Nursing SNDT Womens University Mumbai |   |

**No. of Teachers pursuing Ph.D.: 06**

### 5B.47 Padre Conceicao College of Engineering, Verna, Goa

**Year of Establishment:** 1997

**College Address:** Padre Conceicao College of Engineering, Agnel Technical Education Complex, AgnelGanv, Verna, Salcette, South Goa, Goa – 403722

**Principal's Details:**

**Name:** Dr. Mahesh Parappagoudar

**Contact No:** 0832-2791266-67

**Email:** [principal@pccgoa.edu.in](mailto:principal@pccgoa.edu.in) / [agnelpcce@gmail.com](mailto:agnelpcce@gmail.com)

**College website:** [www.pccgoa.edu.in](http://www.pccgoa.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** Not accredited

**Courses offered, sanctioned and filled strength:**

| S No. | Name of the course   | Sanctioned strength | Filled strength in 2022-2023 |
|-------|--|---------------------|------------------------------|
| 1     | Bachelor of Computer Engineering                             | 75+4*               | 78                           |
| 2     | Bachelor of Electronics & Telecomm. Engineering <sup>#</sup> | -                   |                              |
| 3     | Bachelor of Electronics & Computer Engineering               | 75+4*               | 78                           |
| 4     | Bachelor of Mechanical Engineering                           | 75+4*               | 28                           |
| 5     | Bachelor of Information Technology                           | 75+4*               | 77                           |
| 6     | Master of Engineering (Information Technology)               | 18                  | 0                            |

\* 4 additional students admitted in each discipline against AICTE Tuition Fee Waiver Scheme for girls, economically backward and handicapped students

# In process of being phased out – course name changed to “Bachelor of Electronics & Computer Engineering”

**Faculty strength:**

| S No. | Department                         | Permanent Faculty | Full-time Contract Faculty |
|-------|------------------------------------|-------------------|----------------------------|
| 1     | Computer Engineering               | 9                 | 4                          |
| 2     | Electronics & Computer Engineering | 8                 | 4                          |
| 3     | Mechanical Engineering             | 10                | 2                          |
| 4     | Information Technology             | 10                | 2                          |

|   |                               |           |           |
|---|-------------------------------|-----------|-----------|
| 5 | Basic Sciences and Humanities | 6         | 3         |
|   | <b>TOTAL</b>                  | <b>43</b> | <b>15</b> |

#### Achievements of the College:

- Obtained NBA accreditation for Computer Engineering programme for academic years 2023-2024, 2024-2025 and 2025-2026
- International Student Internship through MITACS scholarship - Ms. Rhea Sharma - at University of Calgary, Canada

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs one lakh)**

| Name of Investigator /s | Project Title    | Date of Sanction and duration | Funding Agency | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|-------------------------|------------------|-------------------------------|----------------|----------------------|--|
| Mohnish Borkar          | Green Energy Lab | 20/06/2022                    | Melink Zero    | 2 lakhs              | Sanctioned                                     |

#### Conferences/Workshops Organized (No.sonly)

International Level: 1

National Level: 1

State Level: 4

#### Publications

| Publications                                 | Cat-I<br>Scopus, Web of Science, ICI indexed journals | Cat-II<br>UGC Recognized | Cat-III<br>ISSN | Total     |
|--|---|--------------------------|-----------------|-----------|
| I.Research papers in Journals                | 4   | -                        | 1               | 5         |
|  | International   | National                 | Local           |           |
| II.Research papers in Conference Proceedings | 13  | 1                        | -               | 14        |
| <b>Total</b>                                 | <b>17</b>   | <b>1</b>                 | <b>1</b>        | <b>19</b> |

#### Papers presented in Conferences/Seminars/Workshops:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 1      | 6            | -          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | -            | 20         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| -        | 2     |

**No. of Teachers pursuing Ph.D: 11****Awards :**

| Name of the faculty member | Title of the Award                           | Name of Agency/ Institution sponsoring the award (Only recognised and reputed agencies), Date of award |
|----------------------------|--|--|
| Manasi Sunil Raut          | First Rank, M.E. Foundation Engineering Exam | Goa University;<br>25 <sup>th</sup> August, 2023   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | -                | 1            | -           | 1     | -           | -            | 1           | 1     |
| State                 | -                | -            | 1           | 1     | -           | -            | -           | -     |
| <b>Total</b>          | -                | 1            | 1           | 2     | -           | -            | 1           | 1     |

**5B.48 Shivgram Education Society's Shri Kamaxidevi Homoeopathic Medical College & Hospital, Shiroda****Year of Establishment:** 1998-1999**College Address:** Shiv-Shail, Karai, Shiroda-Goa - 403103**Principal's Details:****Name:** Prof.(Dr.) Roshani R. Shirwaikar**Contact No:** 9890719379 (O) 0832-2306842**Email:** drshubhashirwaikar@gmail.com**College website:** [www.homoeopathycollegegoa.org.in](http://www.homoeopathycollegegoa.org.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not Applicable**

**Courses offered, sanctioned and filled strength: BA, BSc, MSc (Chemistry)**

| Course Offered            | Sanctioned Strength |          | Filled Strength |         |
|---------------------------|---------------------|----------|-----------------|---------|
|                           | Entry level         | (Total)  | Entry level     | (Total) |
| B.H.M.S.<br>Degree Course | 50 seats            | 50 seats |                 |         |

**Faculty strength : 26**

**Achievements of the College:**

- 1) MOU with Switzerland Homoeopathic Medical College, Switzerland–Past 15 years.
- 2) Training for Students and Interns for CPR Programme through GVK Foundation, Bambolim – Goa.
- 3) COVID – Awareness programmes and distribution of Arsenic Alb as a Community Service.

**Conferences/Workshops Organized (Nos. only)**

State Level : 01

**Invited Lectures given by the faculty:** Dr. Trisha Torcato, Assoc.Professor, Dept. of Community Medicine

| Abroad | Within India | Within Goa  |
|--------|--------------|---|
| NIL    | NIL          | Dr. Trisha Torcato, Associate Professor, Dept. of Community Medicine, SKHMC&H delivered talks Under Jan Jagruti Services of Community Medicine.)  |
|        |              | Mega project on Health Informatics, with working models organized and talk delivered to School faculty and children regards the projects at SKHMC, Shiroda -Goa on 18/08/2022.  |
|        |              | Talk held on Cardiac health on World Heart Day at Symbiosis School, Shiroda-Goa on 29/09/2022.  |
|        |              | Talk on peer pressure and substance abuse in view of Mental Health Day at Symbiosis School Shiroda-Goa on 10/10/2022.   |
|        |              | Contributed towards “My Child My Dream” project of the Govt. Talk was given on Nutrition And Health in five different locations of Shiroda Goa namely Karai, Bazar, Askan, Tarvalem and Dabolim, alongwith interns to reach out to large number of people on 11/04/2023 |
|        |              | Talk was given on ‘Radiation Hazardo along with Hygiene & Health at Daffodil Primary School, Shiroda Goa on 18/04/2023.   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event  |              |             |       | Team Event  |              |             |       |
|-----------------------|---|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place   | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
|                       | Event – ‘RANBHOO MI’ An Intercollege paramedical event organised by Ayurveda college Shiroda-Goa 4,6,7 March-2023 |              |             |       |             |              |             |       |
| Inter-collegiate      | --  | 01           | 01          | 02    | --          | --           | 01          | 01    |
| <b>Total</b>          | --  | 01           | 01          | 02    | --          | --           | 01          | 01    |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from One College/Institution).**

- Dr. Trisha Torcato, Associate Professor, Department of Community Medicine Awarded Hahnemannian Award by HMAI 2022–for contributions in the Homeopathy field.
- Prof.(Dr.) Roshani R. Shirwaikar, Principal, SKHMC&H felicitated by Shri. Shripad Naik, AYUSH Minister, Govt. of India for contributing towards the cause of COVID.
- Prof.(Dr.) Roshani R. Shirwaikar, Principal, SKHMC&H felicitated by Rotary Club of Panaji towards the contribution in the field of Homoeopathy.
- Prof. (Dr.) Roshani R. Shirwaikar, Principal, SKHMC&H was felicitated at the hands of Dr. Pramod Sawant on 10<sup>th</sup> April-2023 for her contribution in Homoeopathic teaching field.

**5B.49 Shree Rayeshwar Institute of Engineering & Information Technology, Shiroda****Year of Establishment:** 2001**College Address:** Shivshail, Shiroda Goa 403103**Principal's Details****Name:** Prof. (Dr). Anurag Jain**Contact No:** 7905171053**Email:** principal.ritgoa@gmail.com**College website:** [www.ritgoa.ac.in](http://www.ritgoa.ac.in)**Courses offered, sanctioned and filled strength:**

| Course Offered                              | Sanctioned Strength<br>Entry level<br>Total | Filled Strength<br>Entry level<br>Total |
|---|---|---|
| Electronics & Telecommunication Engineering | 75+4*                                       | 04                                      |
| Computer Engineering                        | 75+4*                                       | 60                                      |
| Information Technology                      | 75+4*                                       | 39                                      |
| Mechanical Engineering                      | 75+4*                                       | Nil                                     |

**Faculty strength : 22**

**Achievements of the College:**

- Paper publications in Scopus indexed Conference proceedings.
- Mr. Tanay Karekar from BE-IT won Bronze medal at State Inter-collegiate Deadlift Championship 2023 organized by GVM'S GGPR College of Commerce and Economics, Farmagudi.

**Publications:**

| Publications                                  | Cat-I  | Cat-II          | Cat-III      | Total        |
|---|--|-----------------|--------------|--------------|
|   | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN         |              |
| I. Research papers in Journals                | 01 (Accepted)                                | 0               | 05           | 06           |
|   | <b>International</b>                         | <b>National</b> | <b>Local</b> | <b>Total</b> |
| II. Research papers in Conference Proceedings | 09   | 0               | 0            | 09           |
| <b>Total</b>                                  | <b>10</b>                                    | <b>00</b>       | <b>05</b>    | <b>15</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 00     | 01           | 00         |

**No. of Teachers pursuing Ph.D.: 06**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |           |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total     |
| Inter-collegiate      | 01               | --           | 03          | 04        | --          | --           | --          | --        |
| <b>Total</b>          | <b>01</b>        | <b>--</b>    | <b>03</b>   | <b>04</b> | <b>--</b>   | <b>--</b>    | <b>--</b>   | <b>--</b> |

**5B.50 P. E. S. College of Education, Farmagudi, Ponda**

**Year of Establishment:** 2004

**College Address:** Ponda Education Society's College of Education

**Principal's Details:**

**Name:** Mr. Ratnadeep N. Khade

**Contact No:** 9766909191

**Email:** ratnadeep.khade15@gmail.com

**College website:** www.pescoe.com



**Courses offered, sanctioned and filled strength:**

| Course Offered                  | Sanctioned Strength |       | Filled Strength |       |
|---------------------------------|---------------------|-------|-----------------|-------|
|                                 | Entry level         | Total | Entry level     | Total |
| B.Ed<br>(Bachelor of Education) | 110                 | 110   | 102             | 102   |

**Faculty strength:** 14 (Including Librarian)

**Conferences/Workshops Organized (Nos. only)**

National Level: 1

**Publications:**

| Publications                                   | Cat-I  | Cat-II           | Cat-III         | Total     |
|--|--|------------------|-----------------|-----------|
|  | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in Journals                 | 0  | 0                | 15              | 15        |
|  | Foreign Publisher                            | Indian Publisher | Local Publisher | Total     |
| II. Books/Edited Books                         |  |                  |                 |           |
| a. Research papers in Edited Books             | 0  | 1                | 0               | 1         |
|  | International                                | National         | Local           | Total     |
| III. Research papers in Conference Proceedings | 3  | 8                | 0               | 11        |
| <b>Total</b>                                   | <b>3</b>                                     | <b>9</b>         | <b>15</b>       | <b>27</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 10     | 1            | 9          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 0      | 1            | 7          |

**No. of Teachers pursuing Ph.D.:** 7

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Mr. Sanghapal Zodape – Resource person for 5 days workshop on “Capacity building of KRPs of Goa Assessment Strategies and procedure in light of NEP 2020”

organised by NCERT Bhopal at SCERT Goa.

- Mr. Umesh Salgar - MH -SET in Marath - Best Research Paper award
- Dr. Sanjay Randive - MH- SET in English
- Mr. Rajendra Chavan – Google Scholar 22 citation in Academic year 2022-23
- Mr. Rohit Bhosle – Conducted workshop on Visually Impaired students at Lok Vishwas, Mentored Visual Impaired student at Purple Feast of Goa, Judge for Kathamala Competition organized by Konkani Bhasha Mandal Goa
- Mr. Shashikant Pawar - Solo Dramatic Performance

#### **5B.51 P. E. S's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi, Ponda**

**Year of Establishment:** 2007

**College Address:** PES's Rajaram and Tarabai Bandekar College of Pharmacy, Farmagudi  
Ponda Goa

**Principal's Details:**

**Name:** Dr. S.N. Mamle Desai

**Contact No:** 0832-2335162 / 8390773995

**Email:** principalrtbcop@gmail.com

**Collegewebsite:** www.pespharma.com

**Courses offered, sanctioned and filled strength:**

| Course Offered                     | Sanctioned Strength |       | Filled Strength |         |
|------------------------------------|---------------------|-------|-----------------|---------|
|                                    | Entry level         | Total | Entry level     | Total   |
| B.Pharm                            | 100 seats           |       | 100             | 10+5    |
| M.Pharm (Pharmaceutics)            | 15 seats            |       | 15              | 1 (EWS) |
| M.Pharm (Pharmaceutical Chemistry) | 15 seats            |       | 15              |         |

**Faculty strength: 22**

**Achievements of the College:**

- NBA Accreditation for the academic 2023-2024 to 2025-2026

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| <b>Sr. No.</b> | <b>Name of Investigator/s</b>                 | <b>Project Title</b>  | <b>Date of Sanction and duration</b>     | <b>Funding Agency</b>  | <b>Amount (Rs in Lakhs)</b> | <b>Specify whether sanctioned / completed with date</b> |
|----------------|---|---|--|--|-----------------------------|---|
| 1              | Ms. Soniya Phadte and Dr. Mangirish Deshpande | Design, In-silico studies, synthesis, characterization of some novel oxazetidinylquinolin-2-one analogues as anticancer agents. | 1 <sup>st</sup> January 2023 for 3 years | Grant in aid from Government of Goa Department of Science and Technology and Waste Management, Porvorim Bardez Goa | Rs 4,99,234/-               | Sanctioned  |

**Conferences/Workshops Organized (Nos. only)**

State Level: 01

**Publications:**

| <b>Publications</b>                | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         | <b>Total</b> |
|------------------------------------|---|-------------------------|------------------------|--------------|
|                                    | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals     | 28  | 2                       | --                     | 30           |
|                                    | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books             |   |                         |                        |              |
| a. Research papers in Edited Books | --  | --                      | --                     | --           |
| b. Books                           | --  | 1                       | --                     | 1            |

|  | International | National  | Local | Total     |
|--|---------------|-----------|-------|-----------|
| III. Research papers in Conference Proceedings | 1             | --        | --    | 1         |
| <b>Total</b>                                   | <b>29</b>     | <b>03</b> | --    | <b>32</b> |

**Papers presented in Conferences /Seminars /Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | 07           | 01         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | WithinGoa  |
|--------|--------------|--|
| --     | 1            | +1+ CPE – At Goa College of Pharmacy – Cosmetics and Health – insight to cosmetic science on 23 <sup>rd</sup> April 2023 |

**No. of Teachers pursuing Ph.D.:5**

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

Research Showcase Presentation EVALUATOR for the research papers in Pharmaceutics (on 16th Nov 2022)., 7th Annual International Conference on IPR, Goa College of Pharmacy

- Dr. Mangirish Deshpande Elected unopposed as President APTI GOA state Branch
- Dr. Mangirish Deshpande **Elected as member Goa State Pharmacy Council**
- Dr. Mangirish Deshpande Nominated as IAEC Member Goa Medical College & Goa College of Pharmacy

**5B.52 Vrundavan Institute of Nursing Education, Colvale**

**Name of the college:** Vrundavan Institute of Nursing Education

**Year of Establishment:** 2007

**College Address:** Near Binani Glass Fibre Pvt. Ltd, Mushir Wado, Colvale, Bardez- Goa Pin code: 403513

**Principal's Details:**

**Name:** Prof. S Rajeswari

**Contact No:** +919225988570, 07448202838

**E – mail:** [vinegoa@yahoo.co.in](mailto:vinegoa@yahoo.co.in), [rajiawanthika@gmail.com](mailto:rajiawanthika@gmail.com)

**College website** : [www.vrundavaninstituteofnursing.com](http://www.vrundavaninstituteofnursing.com)

**Courses offered, sanctioned and filled strength:** Basic B. Sc Nursing. 50 seats (Sanctioned strength) + 05 EWS. 36 students (filled strength)

**Faculty strength: 20**

**Conferences/Workshops Organized:**

**State Level:**

- Workshop on Advance Nursing Care in Wound Management on 17<sup>th</sup> February 2023
- Health Quiz conducted in collaboration New Vrundavan Research and Pvt. Ltd on 21/01/2023 for all the school childrens in Goa
- Workshop on Challenges of health personnel in disaster preparedness, mitigation and mock drill on fire accidents at Hospital and community on 3<sup>rd</sup> May 2023

#### Sports Achievements:

| Levels of Competition | Individual Event |              |             | Team Event  |              |             | Total     |
|-----------------------|------------------|--------------|-------------|-------------|--------------|-------------|-----------|
|                       | First Place      | Second Place | Third Place | First Place | Second Place | Third Place |           |
| Inter-collegiate      | 20               | 15           | Nil         | 04          | 04           | Nil         | 43        |
| State                 | 01               | Nil          | Nil         | Nil         | Nil          | Nil         | 01        |
| <b>Total</b>          | <b>21</b>        | <b>15</b>    | <b>Nil</b>  | <b>04</b>   | <b>04</b>    | <b>Nil</b>  | <b>44</b> |

#### 5B.53 Don Bosco College of Engineering, Fatorda, Margao

**Year of Establishment: 2011**

**College Address:** Fatorda, Margao, Goa 403602

**Principal's Details:**

**Name:** Dr. Neena S. P. Panandikar

**Contact No:** 9823625216

**Email:** principal@dbcegoa.ac.in

**College website:** www.dbcegoa.ac.in

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):**

- Three programs Mechanical Engineering, Civil Engineering and Electronics and Telecommunication Engineering have been accredited by the National Board of Accreditation (NBA) from the academic year 2022-2023 to 2024-2025 i.e. upto 30-06-2025.
- One Program Computer Engineering has been accredited by the National Board of Accreditation (NBA) from the academic year 2023-2024 to 2025-2026 i.e. upto 30-06-2026.

**Courses offered, sanctioned and filled strength:**

**Sem I**

| Sr. No. | Courses Offered                  | Sanctioned no: | Strength |
|---------|----------------------------------|----------------|----------|
| 1       | Mechanical Engineering I         | 60+#3          | 36       |
| 2       | Electronics and Computer Science | 60+#3          | 59       |
| 3       | Computer Engineering             | 60+#3          | 60       |
| 4       | Civil Engineering                | 60+#3          | 22       |

**Sem III**

| Sr. No. | Courses Offered                             | Sanctioned no: | Strength |
|---------|---|----------------|----------|
| 1       | Mechanical Engineering I +II                | 90+#5+\$9      | 49       |
| 2       | Electronics & Telecommunication Engineering | 60+#3+\$6      | 46       |
| 3       | Computer Engineering                        | 60+#3+\$6      | 69       |
| 4       | Civil Engineering                           | 60+#3+\$6      | 65       |

**Sem V**

| Sr. No. | Courses Offered                             | Sanctioned no: | Strength |
|---------|---|----------------|----------|
| 1       | Mechanical Engineering                      | 120+#6+\$12    | 60       |
| 2       | Electronics & Telecommunication Engineering | 60+#3+\$6+*1   | 45       |
| 3       | Computer Engineering                        | 60+#3+\$6+*2   | 68       |
| 4       | Civil Engineering                           | 60+#3+\$6+*1   | 68       |

**Sem VII**

| Sr. No. | Courses Offered                             | Sanctioned no: | Strength |
|---------|---|----------------|----------|
| 1       | Mechanical Engineering I & II               | 120+#8+\$12    | 109      |
| 2       | Electronics & Telecommunication Engineering | 60+#4+\$6      | 47       |
| 3       | Computer Engineering                        | 60+#4+\$6      | 61       |
| 4       | Civil Engineering                           | 60+#4+\$6      | 80       |

Note:

1. Sign # - is for TFW entry students.
2. Sign \$ - is for Lateral entry students.
3. Sign \* - is for SN students.
4. Data is provided based on Enrollment details of AY 2022 -23

**Faculty strength**

| Sr. No. | Courses                      | Strength |          |
|---------|------------------------------|----------|----------|
|         |                              | Regular  | Contract |
| 1       | Mechanical Engineering       | 14       | 01       |
| 2       | Electronics Computer Science | 15       | 00       |
| 3       | Computer Engineering         | 11       | 02       |
| 4       | Civil Engineering            | 11       | 01       |
| 5       | Science & Humanities         | 05       | 01       |

**Achievements of the College:**

- Signed Letter of Intent (LOI) with PennHub for research, higher education, and student exchange on 13 January 2023
- Don Bosco College of Engineering is the Nodal Center for ISRO START Program from May 2023 onwards. ISRO has launched a new introductory-level online training

programme called ‘Space Science and Technology Awareness Training (START)’ aimed at post-graduate and final-year undergraduate students of physical sciences and technology.

- 80 Students took part in the NPTEL SWAYAM Courses and cleared the certification examination.
- IIC 5.0 was awarded 3.5 Stars for the year 2022
- One patent granted with Patent Number: 423834 and Patent Title: "Grading System for Extraction of Oil Palm Fruits ". The validity period is 20 years.
- Participation in NIRF Ranking

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s   | Project Title  | Date of Sanction and duration      | Funding Agency  | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|--|--|------------------------------------|---|----------------------|--|
| 1.      | Mr. Adarsh Suryavanshi, Mr. Abdullah Abbad, Mr. Pradin Chitari, Mr. Utkarsh Balaji, Prof. Mohini Naik, Prof. Kimberly Morais | Underwater ROV   | 25 May 2023 & 1 year               | Department of Science, Technology & Environment, Goa      | 1,38,532             | Sanctioned                                     |
| 2.      | Dr. Shreyas Simu, Prof. Melba D'Souza  | Automated Turret System with Intelligent Object Tracking                       | 22 <sup>nd</sup> May 2023 & 1 year | Department of Science, Technology & Environment, Goa      | 1,44,354             | Sanctioned                                     |
| 3.      | Dr. Saurabh Raikar   | Development of Fire Extinguishing Action Rover for Assistance in Fire Fighting | 30/11/2022 (one year)              | Department of Science, Technology & Waste Management (WM) | 2,10,000             | Sanctioned                                     |
| 4.      | Dr. Pravin Verekar   | Design and Fabrication of Grass Cutting cum Shredding Vehicle                  | 17/04/2023 (one year)              | Goa Energy Development Agency (GEDA)                      | 1,50,000             | Sanctioned                                     |

**Conferences/Workshops Organized (Nos. only)**

InternationalLevel: 01

National Level: 01

StateLevel: 04

**Details of International Conferences/Workshops/Webinars organized**

International Conference: 01

Webinar: 01

**Publications:**

| <b>Publications</b>                            | <b>Cat-I</b>  | <b>Cat-II</b>           | <b>Cat-III</b>         | <b>Total</b> |
|--|---|-------------------------|------------------------|--------------|
|  | <b>Scopus, Web of Science, ICI indexed journals</b> | <b>UGC Recognized</b>   | <b>ISSN</b>            |              |
| I. Research papers in Journals                 | 09  | 01                      | 04                     | 14           |
|  | <b>Foreign Publisher</b>                            | <b>Indian Publisher</b> | <b>Local Publisher</b> | <b>Total</b> |
| II. Books/Edited Books                         | 00  | 00                      | 00                     | 00           |
| a. Research papers in Edited Books             | 00  | 00                      | 00                     | 00           |
| b. Books                                       | 00  | 00                      | 00                     | 00           |
|  | <b>International</b>                                | <b>National</b>         | <b>Local</b>           | <b>Total</b> |
| III. Research papers in Conference Proceedings | 03  | 00                      | 00                     | 03           |
| <b>Total</b>                                   | <b>12</b>   | <b>01</b>               | <b>04</b>              | <b>17</b>    |

**Papers presented in Conferences/Seminars/Workshops:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| 00            | 07                  | 00                |

**Invited Lectures given by the faculty:**

| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| 00            | 03                  | 10                |

**Teachers who obtained research degree during the year:**

| <b>M.Phil.</b> | <b>Ph.D.</b> |
|----------------|--------------|
| 00             | 02           |

**No. of Teachers pursuing Ph.D.: 16**



**Awards:**

| Name of the faculty member | Title of the Award  | Name of Agency/Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|---|---|
| Prof. Yeshudas Muttu       | Innovative Practices in Teaching Learning Evaluation (TLE) 2022 | Don Bosco Higher Education India (DBHEI), Dec, 2022   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |          |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|----------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total    |
| Inter-collegiate      | 3                | 2            | 0           | 5        | 1           | 1            | 1           | 3        |
| State                 | 2                | 0            | 0           | 2        | 0           | 0            | 0           | 0        |
| <b>Total</b>          | <b>5</b>         | <b>2</b>     | <b>0</b>    | <b>7</b> | <b>1</b>    | <b>1</b>     | <b>1</b>    | <b>3</b> |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Dr. Suraj Marathe, Associate Professor has been elected as the Secretary of Indian Institution of Industrial Engineering (IIIE) Goa Chapter Council for the year 2023-2026.
- Prof. Tanay Rege, Assistant Professor has taken over as the Secretary of Indian Society of Heating, Refrigeration and Air-Conditioning Engineers (ISHRAE), Goa Chapter for the year 2023-2024.
- Prof. Sharad Shanbhag, Assistant Professor was recognized under the NPTEL star category “Motivated Learner” for completing 9 NPTEL courses and “Discipline Star” for completing 60 weeks of learning duration in Mechanical discipline.
- Asst.Prof Kaushik V Pai Fondekar has been ranked as a topper of 5% in the NPTEL course in Design of Reinforced Concrete Structure.

**5B.54 Agnel Institute of Technology and Design, Assagao, Bardez****Year of Establishment:** 2012**College Address:** Agnel Technical Education Complex, Assagao, Goa**Principal's Details:****Name:** Dr. J. William**Contact No:** 9443399499**Email:** prinaitd@aitdgoa.edu.in**College website:** www.aitdgoa.edu.in**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** Applied for NAAC and Visit Awaited.

**Courses offered, sanctioned and filled strength:**

| Course Offered                               | Sanctioned Strength |       | Filled Strength |       |
|--|---------------------|-------|-----------------|-------|
|  | Entry level         | Total | Entry level     | Total |
| BE Mechanical Engineering                    | 79                  |       | 26              |       |
| BE Computer Engineering                      | 79                  |       | 79              |       |
| BE Electronics and Communication Engineering | 79                  |       | 41              |       |

**Faculty strength: 46****Achievements of the College:**

- Obtained Approval from AICTE to introduce MBA from Academic Year 2023-24.
- Achieved Gold Medal in Department of Mechanical Engineering of 2017-21 batch student Mr. Rohan Naik Alias Rane in Goa University Convocation 2023.

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s | Project Title                              | Date of Sanction and duration | Funding Agency | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|------------------------|--|-------------------------------|----------------|----------------------|--|
| 1.      | Harish Velingkar       | Brain Computer Interface using EEG sensors | 23-05-2023                    | DST-WM         | 1,04,000/-           | sanctioned                                     |

**Publications:**

|                                    | Cat-I  | Cat-II           | Cat-III         | Total |
|------------------------------------|--|------------------|-----------------|-------|
|                                    | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |       |
| I. Research papers in Journals     | 7  | -                | 7               | 14    |
|                                    | Foreign Publisher                            | Indian Publisher | Local Publisher | Total |
| II. Books/Edited Books             | -  | -                | -               | -     |
| a. Research papers in Edited Books | 2  | -                | -               | 2     |
| b. Books                           |  |                  |                 |       |
|                                    | International                                | National         | Local           | Total |

|  |           |          |          |           |
|--|-----------|----------|----------|-----------|
| III. Research papers in Conference Proceedings | 3         | -        | -        | 3         |
| <b>Total</b>                                   | <b>12</b> | <b>-</b> | <b>7</b> | <b>19</b> |

**Papers presented in Conferences/Seminars/Workshops:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| 1             | 2                   |                   |

**Invited Lectures given by the faculty:**

|               |                     |                   |
|---------------|---------------------|-------------------|
| <b>Abroad</b> | <b>Within India</b> | <b>Within Goa</b> |
| --            | 2                   | 1                 |

**No. of Teachers pursuing Ph.D.:14**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | 1                | -            | 1           | 2     | 1           | -            | 1           | 2     |
| Total                 | 1                | -            | 1           | 2     | 1           | -            | 1           | 2     |

**Details of the top 5 Sports Achievements, if any, (included in the table 18) at National and International Level only.**

| Name of the student/captain of the team | Name of the event in which participated (sports/games) | Name of the Tournament/sports event with date                                  | Name of the organizer   | Place won 1st/2nd/3rd |
|---|--|--|-------------------------|-----------------------|
| Aaban Sheikh                            | Hockey Championship                                    | All India- Inter University Hockey Championship<br>Date- 20 to 25 January 2023 | ITM University- Gwalior | -                     |
| Natasha                                 | Triathlon  | National Games- Gujrat<br>27 sep to 10 Oct 2022                                | Gujarat                 | -                     |
| Yash Gaonkar                            | Swimming   | 36 <sup>th</sup> National Games<br>27 sep to 10 Oct 2022                       | Gujarat                 | -                     |
| Vaibhav Pai                             | Power Lifting  | Sub Junior Power Lifting Championship<br>12 to 17 May 2023                     | Tamil Nadu              | -                     |

### 5B.55 Sai Nursing Institute, Sankhali

**Year of Establishment:** 2014

**College Address:** Sai Nursing Institute, Near PHC Sankhali - Goa

**Principal's Details:**

**Name:** Kalyan Sawant

**Contact No:** 9765128185

**Email:** [kalyansawant21@gmail.com](mailto:kalyansawant21@gmail.com)

**College website:** [sainursinginstitute@gmail.com](mailto:sainursinginstitute@gmail.com)

**Courses offered, sanctioned and filled strength:**

| Course Offered                       | Sanctioned Strength |       | FilledStrength |       |
|--------------------------------------|---------------------|-------|----------------|-------|
|                                      | Entry level         | Total | Entry level    | Total |
| B.sc Nursing                         |                     | 66    |                | 66    |
| General Nursing<br>Midwifery (GNM)   |                     | 66    |                | 66    |
| Auxiliary Nursing<br>Midwifery (ANM) |                     | 66    |                | 66    |

**Faculty strength: 8 (Regular), 6 (Contract)**

### 5B.56 V. M. Salgaocar Institute of International Hospitality Education, Raia, Salcete

**Year of Establishment:** July, 2014

**College Address:** V.M.Salgaocar Institute of International Hospitality Education Manora, Raia, Salcete Goa 403720

**Principal's Details:**

**Name:** Prof. Irfan.S. Mirza

**Contact No:** 7720023201

**Email:** [irfan.mirza@vmsiie.edu.in](mailto:irfan.mirza@vmsiie.edu.in)

**Collegewebsite:** [www.vmsiie.edu.in](http://www.vmsiie.edu.in)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): In progress**

**Courses offered, sanctioned and filled strength:**

| Course Offered      | Sanctioned Strength |       | FilledStrength |       |
|---------------------|---------------------|-------|----------------|-------|
|                     | Entry level         | Total | Entry level    | Total |
| B.Sc. IHM           |                     | 120   |                | 38    |
| B.Sc. Culinary Arts |                     | 60    |                | 28    |
| M.Sc. IHTM          |                     | 30    |                | 05    |

**Any new course(s) started: YES. B.Sc. Culinary Arts w.e.f July 2022**

**Faculty strength: 13**

**Achievements of the College:**

- FSSAI- 5 star rating campus
- **ISO certified ISO 9001:2015 and ISO14001:2015**
- Report of the Green Audit
- Envirocare Green Awards (EGA) 2022
- MOU signed with V.M. Salgaocar College of law

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III | Total     |
|--------------------------------|--|----------------|---------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |           |
| I. Research papers in Journals | --   | 02             | --      | 02        |
| <b>Total</b>                   | --   | <b>02</b>      | --      | <b>02</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 02     | 03           | --         |

**No. of Teachers pursuing Ph.D.: 01**

**Awards:**

| Name of the faculty member | Title of the Award               | Name of Agency/ Institution sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|----------------------------------|--|
| CMA Ms. Shameem Memon      | Second best Research paper Award | VIVA. Institute of Management and Research Mumbai.   |

**5B.57 Harmal Panchakroshi Shikshan Mandal's Ganpat Parsekar College of Education Harmal-Goa.**

**Year of Establishment:** 2015

**College Address:** Vidya Sankul, Bhom Plateau, Harmal, Pernem, Goa. 403524

**Principal's Details:**

**Name:** Mr. Udeshtekar

**Contact Number:** 9823232629

**Email:** abhishnatekar@yahoo.com

**College website:** [www.ganpatparsekarcollegeofeducation.com](http://www.ganpatparsekarcollegeofeducation.com)

**Courses Offered, Sanctioned and Filled strength:**

| Course                  | Sanctioned Strength | Filled Strength |
|-------------------------|---------------------|-----------------|
| B. A. B. Ed             |                     |                 |
| F.Y.B.A.B.Ed            | 50                  | 49              |
| S.Y.B.A.B.Ed.           | 50                  | 48              |
| T.Y.B.A.B.Ed.           | 50                  | 47              |
| Fourth Year B.A.B.Ed.   | 50                  | 47              |
| F.Y.B.Sc.B.Ed           | 50                  | 38              |
| S.Y.B.Sc.B.Ed           | 50                  | 40              |
| T.Y.B.Sc.B.Ed           | 50                  | 44              |
| Fourth Year.Y.B.Sc.B.Ed | 50                  | 47              |

**Faculty Strength: 35**

**Achievements of the College:**

Our institute has MoU with Goa State Biodiversity Board

**Sponsored Research Projects sanctioned/Completed during June 2020 and May 2021  
(Include only research projects of minimum of Rs. One lakh)**

| Sr. No. | Name of Investigator/s   | Project Title  | Date of Sanction and duration | Funding Agency   | Amount (Rs. in Lakhs) | Specify whether sanctioned/ Completed |
|---------|--------------------------|--|-------------------------------|--|-----------------------|---------------------------------------|
| 1       | Dr. Pradnyesh Satardekar | Synthesis and Characterisation of perovskite-based cathodes for intermediate temperature solid oxide fuel cell application | 07/06/2022                    | Govt. of Goa Department of Science and Technology & Waste Management | 6.2 Lakhs             | Sanctioned 2.5 Lakhs                  |

**Conferences/Workshops Organized (Nos. only)**

- State Level: 01
- National Level: 03

**Details of International Conferences/Workshops organized:****State Level:**

1. Workshop on Advanced technology in wildlife Research organised by Ganpat Parsekar

College of Education in Collaboration with Directorate of Higher Education Goa on 06/01/2023.

**National:**

1. Department of Education of Ganpat Parsekar College of Education Organised two days National conference on Future B.Ed Beyond Classroom Teaching in Collaboration with Directorate of Higher Education from 10-11 January 2023.
2. Department of Marathi and Department of Library of Ganpat Parsekar College of Education in Collaboration with Official Language, Govt. of Goa Organised one day national Seminar on ‘गोमंतक आणि सीमाभागातील लोकसाहित्याचा सांस्कृतिक व भाषिक अनुबंध’, on 04th March 2023
3. Department of Chemistry of Ganpat Parsekar College of Education Organised one Day national level conference on Emerging Advances in Chemical Sciences on 17<sup>th</sup> March 2023.

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III   |           |
|--------------------------------|--|----------------|-----------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN      | Total     |
| I. Research papers in Journals | 6  | 10             | 20        | 36        |
| <b>Total</b>                   | <b>6</b>                                     | <b>10</b>      | <b>20</b> | <b>36</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 05     | 24           | 24         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 5            | 24         |

**Teachers who obtained research degree during the year:**

| M. Phil. | Ph.D. |
|----------|-------|
| -        | 06    |

**No. of Teachers pursuing Ph.D.: 08**

**Awards:**

| Name of the Faculty Member  | Title of the Award                 | Name of the Agency/Institution Sponsoring the Award (only recognised and reputed agencies), Date of award |
|-----------------------------|------------------------------------|---|
| Lt. Dr. Aniket Anant Kerkar | DDG commendation Award in NCC 2023 | National Cadet Corps, New Delhi<br>07/02/2023   |
| Dr. Vibha Lad               | Goa Marathi Academy Award (Novel)  | Goa Marathi Academy, May 2022   |
| Dr. Vibha Lad               | Nath Madhav Puraskar(Novel)        | KalikaPrakashan, 2023   |

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |           | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-----------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total     | First Place | Second Place | Third Place | Total |
| Inter-collegiate      |                  |              |             |           |             |              |             |       |
| State                 | --               | 02           | 02          | 04        | --          | --           | --          | --    |
| <b>Total</b>          | --               | <b>02</b>    | <b>02</b>   | <b>04</b> | --          | --           | --          | --    |

**5B.58 Ramanata Crisna Pai Raikar School of Agriculture, Savoi-Verem****Year of Establishment:** 2016**College Address:** Madhalawada, Savoi-Verem, Ponda-Goa.**Principal's Details:****Name:** Shrirang V. Jambhale**Contact No:** 7588490920**Email:** rcpragrischool@gmail.com**College website:** www.rcpragrischool.org**Courses offered, sanctioned and filled strength:**

| Course Offered                 | Sanctioned Strength |       | Filled Strength |       |
|--------------------------------|---------------------|-------|-----------------|-------|
|                                | Entry level         | Total | Entry level     | Total |
| Advance Diploma in Agriculture | 30                  | 30    | 19              | 19    |

**Faculty strength:** 03



**Achievements of the College:**

- Started Rojgar Srujankendra (Employment Generation Centre)

**Conferences/Workshops Organized (Nos. only)**

State Level: 01

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | --           | 01         |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

- Articles of college faculty were published in daily newspapers.

**5B.59 Kala Academy Goa's College of Theatre Arts, Campal, Panaji****Year of Establishment:** 2018**College Address:** Kala Academy Goa's College of Theatre Arts, C/O Rajiv Gandhi Kala Mandir, Ponda**Principal's Details:****Name:** Prof (Dr) Rajay Pawar**Contact No:** 9860716071**Email:** [rajay.pawar@gmail.com](mailto:rajay.pawar@gmail.com), [prin.kala.academy@unigoa.ac.in](mailto:prin.kala.academy@unigoa.ac.in)**College website:** [kagcta.ac.in](http://kagcta.ac.in)**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round):** NA**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| BPAT           | 30                  |       | 13              |       |

**Faculty strength:** 04**Achievements of the College:**

- 1<sup>st</sup> Place at intercollegiate one act play competition organized by Young Inspiration Network, Gomantak on 11<sup>th</sup> April 2023.
- Organized all Goa inter Higher Sec Level orator of Goa competition in association with Samrat Club Dongri. 08<sup>th</sup> February 2023.
- Winner of Short film competition organized by District Mental Health Programme, North Goa, on theme "Make Mental Health & Well-being for all a global priority. 10<sup>th</sup> October 2023.
- Collaborated with Vijay Kumar Travelling Box Theatre "Rang Saanj" under which

Monthly Theatre performances are staged by the students as mentioned below.

1. Lig
2. Marnadhin
3. BG
4. Dependent
5. Gadad Nilyaa Savlya
6. Hirabai
7. Pandhre Kes
8. Park
9. Sanvedana Dot Com
10. The Skeleton Women
11. The Universal

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | Nil          | 01         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | Nil          | 05         |

**No. of Teachers pursuing Ph.D.: 02**

**Sports Achievements of Students:**

| Levels of Competition | Individual Event |              |             |          | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|----------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total    | First Place | Second Place | Third Place | Total |
| Inter-collegiate      | --               | 1            | --          | 1        | --          | --           | --          | --    |
| State                 | --               | --           | 1           | 1        | --          | --           | --          | --    |
| <b>Total</b>          | --               | <b>1</b>     | <b>1</b>    | <b>2</b> | --          | --           | --          | --    |

**5B.60 All India Institute of Ayurveda, Dhargal, Pernem.**

**Year of Establishment:** 2022

**College Address:** All India Institute of Ayurveda, Dhargal, Pernem Taluka, Goa - 403513

**Principal's Details:**

**Name:** Prof. (Dr) Sujata Kadam, Dean (Academic & Administration)

**Contact No:** 9311391886

**Email:** [aiiagoaoffice@gmail.com](mailto:aiiagoaoffice@gmail.com)

**Collegewebsite:** [www.aiiagoa.org](http://www.aiiagoa.org)

**The NAAC accreditation Status (whether accredited, score and Grade, accreditation round): Not applied for accreditation**

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength   |       | Filled Strength |       |
|----------------|---|-------|-----------------|-------|
|                | Entry level   | Total | Entry level     | Total |
| BAMS           | 100 Seats (50 seats under All India Quota and 50 seats under Goa State Quota) |       | 100 Seats       |       |

**Faculty strength: 15**

**Achievements of the College:**

- Inauguration of All India Institute of Ayurveda, Goa with the hands of Hon'ble Prime Minister of India Shri Narendra Modi Ji on 11<sup>th</sup> December 2022.
- Organizing various medical camps in association with village panchayats in Goa and nearby vicinity.
- Institute Certified GEM 5 Star by ASSOCHAM for achieving Sustainability and Green Building Standards.

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs. One lakh)**

| Sr. No. | Name of Investigator/s | Project Title   | Date of Sanction and duration | Funding Agency    | Amount (Rs in Lakhs) | Specify whether sanctioned/ completed with date |
|---------|------------------------|---|-------------------------------|-------------------|----------------------|---|
| 1       | Prof. Sujata Kadam, PI | Healthy Progeny through Ayurveda  | 2019-2024                     | Ministry of Ayush | 1.5 Cr               | Ongoing   |
| 2       | Prof. Sujata Kadam, PI | Design and Development of a handheld Dhoopan Yantra to be used as disinfectant                                  | 2019-2023                     | Ministry of Ayush | 20 Lacs              | Ongoing   |
| 3       | Prof. Sujata Kadam, PI | Community Based Cross Sectional Retrospective study to evaluate PCOS w.s.r. to Ayurvedic etiological parameters | 2021-2023                     | IMR               | 10 Lacs              | Ongoing   |

|   |                                   |   |                        |                                |             |  |
|---|-----------------------------------|---|------------------------|--------------------------------|-------------|--|
|   |                                   | (AvrutaVataArtavdushti)   |                        |                                |             |  |
| 4 | Dr Bhargav Bhide, Co-investigator | Regional Raw Drug Repository for Trans Ganga Plain Region   | 2021-2024              | National Medicinal Plant Board | 5 Cr        | Ongoing                                |
| 5 | Dr Bhargav Bhide, Co-investigator | Community based Ayurveda Intervention for Promotion of Physical & Mental Health in Elderly Population of Faridabad District, Haryana State                      | 2021-2024              | Ministry of Ayush              | 1.5 Cr      | Ongoing                                |
| 6 | Dr Resmi B G Co-Investigator      | A Cross Sectional Study to Find Association Between Stress, Blood Group and Prakriti  | 1/9/2021-1/9/2023      | NIA, Jaipur                    | 1.08L       | Study completed, Report being prepared |
| 7 | Dr Resmi B G Investigator         | Assessment of Knowledge, Attitude and Practices (Kaph) In Scholars of National Institute of Ayurveda, Jaipur Who Are Suffering from Yuvanpidika (Acne Vulgaris) | 22.2.2022 - 22.2.2023  | NIA, Jaipur                    | -           | Completed                              |
| 8 | Dr Resmi B G Investigator         | Assessment of Body Fat Percentage with Special Reference to Dhatu Sara - A Cross Sectional Study  | 22.2.2022 - 22.02.2025 | 2.2L                           | NIA, Jaipur | Study going on.                        |
| 9 | Dr Resmi B G Investigator         | A Cross Sectional Survey Study to Assess the Smart Phone Use and Academic Performance in  | 22.2.2022 - 22.2.2023  | -                              | NIA, Jaipur | Completed                              |

|  |  |   |  |  |  |  |
|--|--|---|--|--|--|--|
|  |  | Medical Professional Students of National Institute of Ayurveda, Jaipur |  |  |  |  |
|--|--|---|--|--|--|--|

**Conferences/Workshops Organized (Nos. only)**

National Level: 01

**Publications:**

| Publications                                   | Cat-I  | Cat-II           | Cat-III         | Total     |
|--|--|------------------|-----------------|-----------|
|  | Scopus, Web of Science, ICI indexed journals | UGC Recognized   | ISSN            |           |
| I. Research papers in Journals                 | 8  | 7                | 5               | 20        |
|  | Foreign Publisher                            | Indian Publisher | Local Publisher | Total     |
| II. Books/Edited Books                         | --   | --               | 3               | 3         |
| a. Research papers in Edited Books             | --   | --               | --              | --        |
| b. Books                                       | --   | --               | --              | --        |
|  | International                                | National         | Local           | Total     |
| III. Research papers in Conference Proceedings | 2  | --               | --              | 2         |
| <b>Total</b>                                   | <b>10</b>                                    | <b>7</b>         | <b>8</b>        | <b>25</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
|        | 4            |            |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| 2      | 15           | 5          |

**No. of Teachers pursuing Ph.D.: 4**

**Awards:**

| Name of the faculty member | Title of the Award                                       | Name of Agency/Institutions sponsoring the award (Only recognized and reputed agencies), Date of award |
|----------------------------|--|--|
| Prof Sujata Kadam          | Hiroji Indulkar Sanman Puraskar                          | Maharashtra Mandal, Goa<br>February 2023   |
| Dr. Resmi B G              | Best Paper Award in International seminar AUGUSTCON 2022 | Vaidya Nanal Research Foundation, Goa-<br>August 2022  |
| Dr. Resmi B G              | Best Research Proposal Award and University medal        | National seminar by KUHS & SFRA on Ayur sports, August 2022  |
| Dr. Rajesh Uikey           | Chikitsa Samman  | Nai Duniya, 2022   |

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

1. **Dr Yogesh Shinde** awarded with National Award as “Best Emerging Teacher in Swasthavritta National Award 2022” by Ayurveda Teachers Association (ATA) India, and MUHS, Nashik, Maharashtra on 16 August 2022.
2. **Dr Yogesh Shinde** Completed Innovation Ambassador Basic and Advanced Level Training by Ministry of Education MoE’s Innovation Cell (MIC), and All India Council for Technical Education (AICTE), Ministry of Education, (MHRD), Government of India on 2 September 2022
3. **Dr. Foram Joshi** completed 1 clinical prospective research work- under Late Prof PJ Deshpande Memorial fellowship by IASTAM (Indian Association for study in Traditional Asian Medicine), India
4. **Dr. Foram Joshi** working as Assistant Editor in The Healer Journal, Nepal [www.thehealerjournal.org](http://www.thehealerjournal.org)

**5B.61 Goa Medical College, Bambolim****Year of Establishment:** 1842**College Address:** Goa Medical College & Hospital, Bambolim-Goa.**Principal’s Details:****Name:** Professor Dr. Shivanand M. Bandekar**Contact No.:** 9420920890**Email:** [dean-gmc.goa@gov.in](mailto:dean-gmc.goa@gov.in)**College Website:** [www.gmc.goa.gov.in](http://www.gmc.goa.gov.in)**Data of Department of General Medicine is as follows:****Courses offered, sanctioned and filled strength:**

| Courses Offered     | Sanctioned Strength |         | Filled Strength |       |
|---------------------|---------------------|---------|-----------------|-------|
|                     | Entry level         | (Total) | Entry level     | Total |
| MS. GENERAL SURGERY | 06                  | 06      | 06              | 06    |

**Faculty strength:** PROFESSOR :- 02, ASSOCIATE PROFESSOR:- 06, ASSISTANT PROFESSOR:- 03, LECTURER:- 07, SENIOR RESIDENTS:- 11, JUNIOR RESIDENTS:- 18

**Conferences/Workshops Organized (Nos. only)**

National Level: **02**

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III | Total     |
|--------------------------------|--|----------------|---------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN    |           |
| I. Research papers in Journals | <b>09</b>                                    | -              | -       | <b>09</b> |
| Total                          | <b>09</b>                                    | -              | -       | <b>09</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | <b>02</b>    | <b>05</b>  |

**Data of Department of Anesthesiology is as follows:**

**Courses offered, sanctioned and filled strength:**

| Courses Offered            | Sanctioned Strength |         | Filled Strength |       |
|----------------------------|---------------------|---------|-----------------|-------|
|                            | Entry level         | (Total) | Entry level     | Total |
| MD Anaesthesiology         | 10                  | 30      | 10              | 30    |
| BSc.Anaesthesia Technology | 22                  | 66      | 22              | 66    |

**Faculty strength:** 7 faculty appointed for PG Anaesthesiology. No separate faculty for BSc Anaesthesia Technology

**Invited Lectures given by the faculty:**

| Abroad | Within India   | Within Goa  |
|--------|--|---|
|        | <p>1. Sharmila Borkar was invited as a speaker to participate in the Scientific Program in ISA National sponsored CME on 2/10/2022 at Karwar Institute of Medical Sciences.</p> <p>2. Dr. Sharmila Borkar was invited as a Chairperson of a Session in CME in Neuro-</p> | <p>1. Dr. Shirley Ann D'Souza invited as a speaker on topic : Compression only Life Support (COLS) at IMA Goa State Workshop on COLS at Porvorim Goa on 8/1/2023</p> <p>2. Shirley Ann Dsouza delivered a keynote lecture at International Oral and Maxillofacial Surgeons Day on</p> |

|  |  |   |
|--|--|---|
|  | Anaesthesia and Critical Care on 10/12/2022 and 11/12/2022 at SDMUniversity, Dharwad | 13th Feb 2023<br>3. Dr. Shirley Ann D'Souza was resource person for COLS workshop held by Int P Goa 2023 on 23 <sup>rd</sup> September 2023 held at Goa Medical College<br><br>4. Dr. Shirley Ann D'Souza was chairperson at Scientific Session Poster –Health Seeking Behaviour (HSB) in EFICON 2023 |
|--|--|---|

**Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution)**

The following Junior Residents presented posters

1. IV dexmedetomidine to alleviate propofol injection pain – a randomized double blinded comparative study (**won 1<sup>st</sup> prize**) at ISACON Karnataka 2022 at Gulbarga in September 2022  
**Presenter:** Dr.Pavana Bhaktha  
**Guide:** Dr. Shirley Ann D'Souza
2. Anaesthetic management of Laryngotracheal reconstruction in recurrent adult subglottic stenosis ( **won 2<sup>nd</sup> prize**) at ISACON Karnataka 2022 at Gulbarga in September 2022 .  
**Presenter :** Dr. Pratiksha Sutar  
**Guide:** Dr.Viraj Nagoji Naik Namshikar
3. Anaesthetic management of a patient posted for excision of retroperitoneal cyst with undiagnosed pheochromocytoma(**won 3<sup>rd</sup> prize**) at Karwar Institute of Medical Sciences organized by ISA Uttar Karnataka in October 2022.  
**Presenter:** Dr. Siddhi Desai  
**Guide :**Dr. Chitra Juwarkar and Dr. Rohini V. Bhat Pai
4. Dr. Riya Chimulkar presented a poster on Prospective double blinded randomized controlled study on effect of dexmedetomidine on quality and ease of extubation at GOMECON ,September 2023 at Goa Medical College, Bambolim, Goa

**Data of Department of Anatomy is as follows:**

**ANNEXURE I**

**Publications in the Department of Anatomy 2022-2023:-**

| Publication       | Cat- I                                       | Cat-II         | Cat-III | Total |
|-------------------|--|----------------|---------|-------|
|                   | Scopus, Web of Science, ICI Indexed Journals | UGC Recognized | ISSN    |       |
| Research paper in |  |                |         |       |



| Journal |  |  |  |  |
|---------|--|--|--|--|
|         | <p><b>*Name of the Authors:-</b><br/>Dr. Fatima M De Souza, Dr. Abhishek Kavlekar</p> <p><b>*Title of the article:-</b> Morphometric Analysis and variations in position of the infraorbital foramen in Goan Population.</p> <p><b>*Name of the Journal:-</b><br/>IOSR Journal of Dental Medical Sciences 22 (6), June 2023</p> <p><b>*Year: 2023</b></p> <p><b>*PubMed Central</b></p>    |  |  |  |
|         | <p><b>*Name of the Authors:-</b><br/>Dr. Abhishek Kavlekar, Dr. Fatima M De Souza</p> <p><b>*Title of the article:-</b><br/>Osteological study of supratrochlear foramen of humerus and its clinical implications.</p> <p><b>*Name of the Journal:</b><br/>IOSR Journal of Dental Medical Sciences 22 (6), 2023</p> <p><b>*Year: 2023</b></p> <p><b>*PubMed Central</b></p>                |  |  |  |
|         | <p><b>*Name of the Authors:-</b><br/>Dr. Sulekha. M. Kolap, Dr. Siddhesh Prabhu, Dr. Uday N. Kudalkar</p> <p><b>*Title of the article:-</b><br/>Morphometric Study of sulci tali and calcanei and its clinical significance.</p> <p><b>*Name of the Journal:-</b><br/>International Journal of Anatomy Radiology And Surgery</p> <p><b>*Year: 2023</b></p> <p><b>*DOAJ</b></p>             |  |  |  |
|         | <p><b>Name of the Authors:-</b><br/>Dr. Ankit Paul Daniel, Dr. Medora D'souza Dias</p> <p><b>*Title of the article:-</b><br/>Variant Anatomy of the Iliac serous system: A Study linked with Laparoscopic hernia reduction and Pelvic Surgery.</p> <p><b>*Name of the Journal:-</b><br/>International Journal of Scientific Research</p> <p><b>*Year:2023</b></p> <p><b>*ICI, DRJI</b></p> |  |  |  |

## ANNEXURE II

### Paper Presented in Anatomy Conferences/Seminars/Workshops:

| Abroad | Within India  | Within Goa |
|--------|---|------------|
|        | 1)<br>*Name of the presenter: Dr. Merle Dias<br>*Title of Paper: Malunited midshaft fracture right femur<br>*Name of the Conference: Pan India Conference GOMECON 23, Goa Medical College, Goa India.   |            |
|        | 2)<br>*Name of the presenter: Dr. Ali Hameed<br>*Title of Paper: Sutural bone associated with lambdoid suture of Human skull and their clinical importance<br>*Name of the Conference: Pan India Conference GOMECON 23, Goa Medical College, Goa India. |            |

### Data of Department of Biochemistry is as follows:

#### Courses offered, sanctioned and filled strength:

| Courses Offered       | Sanctioned Strength |       | Filled Strength |       |
|-----------------------|---------------------|-------|-----------------|-------|
|                       | Entry level         | Total | Entry level     | Total |
| MBBS                  | 180                 |       | 180             |       |
| BDS                   | 50                  |       | 50              |       |
| PGDCGMLT              | 25                  |       | 25              |       |
| Allied Health Science | 110                 |       | 110             |       |
| MDS                   | 15                  |       | 15              |       |
| Bsc. Nursing          | 100                 |       | 100             |       |

#### Faculty strength:

1. Dr. Chitra Y. Dhume Professor & Head
2. Dr. Carlos Noel Menezes Associate Professor
3. Dr. Jano N. Zore Associate Professor
4. Dr. Sudeep Lokapure Assistant Professor
5. Dr. Milind Karapurkar Assistant professor
6. Dr. Reshama Sawant Lecturer
7. Dr. Mitchelle Menezes Lecturer
8. Dr. Lavita D'Costa Tutor /Demonstrator

#### Publications:

1. Creatinine: Marker of Kidney Injury- November 2021- Dr. Jano N. Zore, Dr. Ian Antao Pereira, Dr. J.P. Tiwari, Dr. Shubham M.

2. A hospital – based study on lipid profile in acute myocardial infarction in Goa – August 2022 – Dr. Carlos Noel Menezes, Dr. Aditya Hanuman Nayak, Dr. Bhargav P. Sawant Dessai, Dr. Saiesh Madhukar Mardolkar. International Journal of Community Medicine and Public Health Menezes C N et al Int. J Community Med Public Health, 2022 August; 9(8)
3. Estimation of Blood Glucose, Blood Urea, Serum Creatinine and Serum Cholesterol in Coronary Artery Disease Patients in a Tertiary Care Hospital: A Case Control Study – February 2023 - Dr. Piyush Kumar Singh, Dr. Carlos Noel Menezes, Dr. Rahul Batra. International journal of Modern Development in Engineering and Science volume 2, Issue 2, February 2023.
4. Psychological Distress among First –Year Medical Students amidst COVID-19 - Related Uncertainty at a medical College in Western India: A Cross – sectional Study- Anish Ashok Shyadligeri, Dr. Fredrick S. Vaz, Dr. Sudeep Ramdas Lokapure. Education for Health, International Indexed Journal, September 2022, Educ Health 2022; 35: 20-25.

#### **RESEARCH PAPERS IN CONFERENCE PROCEEDINGS:**

1. A Study of serum levels of magnesium, calcium and vitamin D in alcoholic liver disease patients in a tertiary care hospital in Goa: A case control study: Dr. Saiesh Mardolkar, Dr. Chitra Y. Dhume, Dr. Megha Goel, Dr. Abhishek Bicholkar, IJMACR- March 2023, Volume- 6, Issue 2, P. No. 150-155.
2. A Hospital based study on Lipid Profile in acute Myocardial Infarction in Goa. Dr. Carlos Noel Menezes, Dr. Aditya Nayak, Dr. Bhargav Sawant Dessai, Dr. Saiesh Mardolkar.
3. Estimation of Blood Glucose , Blood Urea, Serum Creatinine & Serum Cholesterol in coronary artery disease patient in a tertiary care hospital: A case arterial study: Dr. Piyush Kumar Singh, Dr. Carlos Noel Menezes, Dr. Rahul Batra: Volume 2, Issue 2, Feb 2023
4. Clinico- epidemiological Study of cutaneous adverse drug reactions among the in-patients of dermatology department, Goa Medical College, Goa: Dr. Shubham Naik, Dr. Ian A. Pereira, Dr. Ravindra Naik, Dr. Jano Zore, Jan 2023, 10.18203, issued 2455-4529.
5. Psychological Distress among First Year medical Students amidst Covid-19. Related unurtainty at a Medical College in Western India: A Cross Sectioned Study. Dr. Sudeep Lokapure, Volume 35, Issue 1 (January- April 2022) September 2022, PP- 20-25, Education Health 2022; 35;20-5.

#### **Papers presented in Conference/Seminars/Workshops:**

1. Dr. Carlos Noel Menezes, Associate Professor; Participated as a delegate in GOMECON 2022 at Goa Medical College from 7<sup>th</sup> to 9<sup>th</sup> October 2022.
2. Dr. Carlos Noel Menezes, Associate Professor; Participated as a delegate in the training program on Basics of GCP and New Drugs and Clinical Trials Rules 2019” held on 17<sup>th</sup> September 2022 at Goa Medical College.
3. Dr. Saiesh Mardolkar, attended 29<sup>th</sup> National Conference of Association of Medical Biochemist of India (AMBICON 2022) (21<sup>st</sup> July to 23<sup>rd</sup> July 2022 at Bangalore.
4. Dr. Saiesh Mardolkar, attended National Conference held by Goa Medical College from 7<sup>th</sup> to 9<sup>th</sup> October 2022- and presented poster during this conference

5. Dr. Saiesh Mardolkar -attended CONFUENCE 2022 International Medical & Research Conference by Academic Department of Seth G. S. Medical College & KEM Hospital Mumbai held on 28<sup>th</sup> to 31<sup>st</sup> July 2022 and presented a paper during this conference.
6. Dr. Piyush Kumar Singh: attended workshop on Molecular techniques in Neurochemistry at NIMHANS Bangalore from 18<sup>th</sup> to 20<sup>th</sup> July 2022.
7. Dr. Saiesh Mardolkar & Dr. Ephraim Joe: attended workshop on Flowcytometry at Department of Clinical Pathology, St. John's Medical College, Bangalore, from 18<sup>th</sup> to 20<sup>th</sup> July 2022.
8. Dr. Piyush Kumar Singh, attended 29<sup>th</sup> National Conference of Association of Medical Biochemist of India (AMBICON 2022) (21<sup>st</sup> July to 23<sup>rd</sup> July 2022 at Bangalore.
9. Dr. Piyush Kumar Singh, attended National Conference held by Goa Medical College from 7<sup>th</sup> to 9<sup>th</sup> October 2022- he presented a paper and poster during this conference.

**Data of Department of Blood Bank is as follows:**

**Faculty Strength :**

- 1) Professor & Head , Department of Transfusion Medicine on Deputation, Head & I/c of IHBT – 1
- 2) Assoc. Professor, Department of Transfusion Medicine on Deputation. --1
- 3) Asst. Professor , Department of Transfusion Medicine --1

**Publication:**

| Publication                    | Category 1                                   | Category 2     | Category 3 | total    |
|--------------------------------|--|----------------|------------|----------|
|                                | Scopus, web of science, ICI indexed journals | UGC recognized | ISSN       |          |
| I. Research papers in Journals | 2  | NIL            | NIL        | 2        |
| <b>Total</b>                   | <b>2</b>                                     | <b>NIL</b>     | <b>NIL</b> | <b>2</b> |

**Papers presented in conference/Seminar/Workshops:-**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 8            | NIL        |

**Data of Department of Cardiac Anesthesia is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered          | Sanctioned Strength |       | Filled Strength |       |
|-------------------------|---------------------|-------|-----------------|-------|
|                         | Entry Level         | Total | Entry Level     | Total |
| DM (Cardiac Anesthesia) | 1                   | 1     | 1               | 1     |

**Faculty strength: - 03**

| Sr. no | Name                    | Designation     | Contract period |
|--------|-------------------------|-----------------|-----------------|
| 1      | Dr. Sunil Chandra Vidya | Professor& Head | 5 Year contract |

|   |                           |                     |                 |
|---|---------------------------|---------------------|-----------------|
|   | Sagar                     |                     |                 |
| 2 | Dr. Jagadeesh N. Vaggar   | Associate Professor | 5 Year contract |
| 3 | Dr. Sushmit Santosh Kamat | Assistant Professor | Regular         |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 2            | Nil        |

**Data of Department of Cardiology is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength             |       |
|----------------|---------------------|-------|-----------------------------|-------|
|                | Entry Level         | Total | Entry Level                 | Total |
| DM Cardiology  | 2Seats /Year        | 2     | Total 4 Students at present | 4     |

**No. of Candidates, subject wise, registered for Ph.D under the Research Center: 4 for DM Cardiology.**

**Any new course(s) started: -MSc Echocardiography approval received, Plan to start 2024-2025.**

**Faculty strength: - 7**

| Sr. no | Name                  | Designation         | Contract period |
|--------|-----------------------|---------------------|-----------------|
| 1      | Dr. Michelle Viegas   | Associate Professor | 5 Year contract |
| 2      | Dr. Amar Prabhudesai  | Associate Professor | 5 Year contract |
| 3      | Dr. Pankajam Vaidya   | Assistant Professor | 5 Year contract |
| 4      | Dr. Joel Quadros      | Assistant Professor | 5 Year contract |
| 5      | Dr. Venkatesh Malali  | Assistant Professor | 5 Year contract |
| 6      | Dr. Aditya Mulgaonkar | Junior Consultant   | 5 Year contract |
| 7      | Dr. Mitt K. Kothari   | Senior Resident     | 5 Year contract |

**Conferences/Workshops Organized (Nos. only):**

State Level: -

1. ACLS Workshop
2. Medtronic ICD
3. Dr. Jayaranganath (Pediatric Device Closure Workshop)
4. Pediatric Cardiac Surgical Workshop

**Publications:**

| Sr.No | Name   | Research Publication   |
|-------|--|--|
| 1     | Dr. Guruprasad Datta Naik<br>Head of Department  | <ul style="list-style-type: none"> <li>i. Shenoy AR, Isaac BC, Naik GD, Varghese K, Shetty GG, Iyengar SS. Gross left ventricular voltage with preexcitation in isolated left ventricular non-compactness. J Assoc Physicians India. 2003 Oct; 51:1017-20. PubMed PMID: 14719598.</li> <li>ii. Naik GD, Chandra VS, Shenoy A, Isaac BC, Shetty GG, Padmakumar P, Jayranganath M. Transcatheter closure of aortopulmonary window using Amplatzer device. Catheter Cardiovasc Interv. 2003 Jul;59(3):402-5. PubMed PMID: 12822171.</li> <li>iii. Shenoy AR, Naik GD, Varghese K, Shetty GG, Iyengar SS. Acquired aortopulmonary fistula. Indian Heart J. 2003 May-Jun;55(3):268-71. PubMed PMID: 14560940.</li> <li>iv. Naik G., Desai M, Viegas M, Naik D – A rare case of congenital AP window missed in initial echocardiographic evaluation -Journal of Indian Academy of Echocardiography 2014;25:69-72</li> <li>v. Desai M, Naik G, Kamat U, Cacodcar J - Concurrence of erectile dysfunction and coronary artery disease among patients undergoing coronary angiography at a tertiary Medical College Hospital in Goa - Indian Heart Journal Mar-Apr 2020;72(2):123-125</li> <li>vi. Joel Quadros Piedade, Kumar Kenchetty, Amar Prabhudesai3, Warren Fernandes, Guruprasad Naik - Cardiac Implantable Electronic Devices: Indications, Risk Factors and Complications In A Tertiary Care Centre In Goa - Journal of Cardiovascular Disease Research ISSN:0975-3583,0976-2833 VOL13, ISSUE 01,2022</li> </ul> <ul style="list-style-type: none"> <li>• <b>Details of any books published:</b></li> <li>i. Book chapter 59 – Medication adherence in heart failure in the “Manual of Heart Failure Management” edited by Prof S Harikrishnan 1<sup>st</sup> edition 2021 ISBN 9789390595488</li> </ul> |
| 2.    | Dr. Michelle Viegas Parab<br>Associate Professor | <ul style="list-style-type: none"> <li>1. A Therapeutic Dilemma – Coronary Artery Stenting in the Setting of Thrombocytopenia. Heart, Lung, and Circulation (2015) 24, e214–e2161443-9506/04</li> <li>2. A descriptive study of socio clinical characteristics of young patients presenting for coronary angiography at Goa Medical College: Heart India / Volume 9 / Issue 1 / January-April 2021.40-44</li> <li>3. Effect of diabetes mellitus on markers of left ventricular</li> </ul>   |

|   |   |   |
|---|---|---|
|   |   | dysfunction in chronic kidney disease; Indian Heart Journal 73 (2021) 599-604   |
| 3 | Dr. Amar Prabhudesai<br>Associate Professor | <ol style="list-style-type: none"> <li>1. Echocardiographic Assessment of Right Ventricular function in first myocardial infarction<br/>Amar Prabhudesai, Kiron Varghese. J C Prev Cardiol 2021;10:13-6</li> <li>2. Validation of the GRACE score for prognosis in Indian patients with acute coronary syndromes: Amar R Prabhudesai; M J Santosh; Gurappa G Shetty; M A Srilakshmi; Kiron Varghese; Chandrakant B Patil; Shamanna S Iyengar .Indian Heart Journal 2012;64(3):263-9.</li> <li>3. Cardiac Implantable Electronic Devices; Indications, Risk Factors and Complications in a Tertiary care center in Goa: Quadros Piedade, Kumar Kenchetty, Amar Prabhudesai, Warren Fernandes, Guruprasad Naik. Journal of Cardiovascular Disease Research Volume 13, Issue 01, 2022</li> <li>4. Profile of patients with Left Ventricular Diastolic Dysfunction (abstract). Indian Heart Journal Vol 60 No 5 2008</li> </ol> |
| 4 | Dr. Joel Quadros<br>Assistant Professor     | <p>1-Cardiac implantable electronic devices: indications, risk factors and complications in a tertiary care Centre in Goa. 2022; 13(1): 1685-1692 Doi: <a href="https://doi.org/10.31838/jcdr.2022.13.01.142">10.31838/jcdr.2022.13.01.142</a></p> <p>2-Left ventricular global longitudinal strain by speckle tracking echocardiography as a noninvasive predictor in evaluation of myocardial infarction. Year: 2022   volume : 12   issue : 2   page : 43-48</p> <p>3 - left atrial remodeling in disease: association with clinical markers. Year: 2020   volume: 4   issue: 3   page: 237-242</p> <p>4 - Myocardial Dysfunction in HIV. An echocardiographic study. Ijmscr</p>   |
| 5 | Dr. Venkatesh Malali<br>Assistant Professor | <ol style="list-style-type: none"> <li>1. MD Dissertation: Clinical and etiological study of seizures in young adults. Guide: Dr. Sriharsha.K, Professor, Department of Medicine, JJM Medical College, Davanagere.</li> <li>2. Sriharsha, K and Malali, V. "Clinical and etiological study of seizures in young adults". India Journal of Basic and Applied Medical Research. 4(2), pp76-83,2015.1. <ol style="list-style-type: none"> <li>a) Challenging Case Presentation- Left Main Dissection at Indian College of Cardiology, 26th Annual Conference 2019 Kochi.</li> </ol> </li> </ol>  |
| 6 | Dr. Aditya Mulgaonkar<br>Junior Consultant  | <ol style="list-style-type: none"> <li>1. Mulgaonkar A, Anar K, Viraj K. Clinical profile of hyponatraemic patients and associated risk factors in a tertiary care hospital in Goa. J. Evolution Med. Dent. Sci. 2017;6(28):2311-2314 DOI: 10.14260/Jemds/2017/497</li> </ol>   |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India   | Within Goa |
|--------|--|------------|
| Nil    | 1.India Live 2023 Interventional Cardiology Conference)- 2 complex cases - Dr. Michelle Viegas Parab | Nil        |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa  |
|--------|--------------|---|
| Nil    | Nil          | <b><u>Nurses Role in keeping Heart Health:</u></b>  |
|        |              | 1. <b><u>Dr. Guruprasad Naik</u></b> - Introduction to Dept of Cardiology: <ul style="list-style-type: none"> <li>● Diagnostic tests</li> <li>● Cathlab</li> <li>● List of Interventional procedures</li> </ul> |
|        |              | 2. <b><u>Dr. Amar Prabhudessai</u></b> - Coronary Artery Disease and acute MI   |
|        |              | 3. <b><u>Dr. Venkatesh Malali</u></b> - Pre procedure assesment(Cathab procedures)  |

**Data of Department of Community Medicine is as follows:****Faculty Strength:**

| Designation                                 | Current Position |
|---|------------------|
| Professor and HOD                           | 1                |
| Associate Professor                         | 2                |
| Associate Professor (Demography/Statistics) | 1                |
| Lecturer                                    | 4                |
| Tutor Demonstrator (regular)                | 4                |
| Tutor Demonstrator (Contract/bond)          | 5                |

**Sponsored Research Projects only Sanctioned/completed during June 2022 and May 2023 (Include only research projects of minimum Rs One Lakh).**

| Sr No | Name of investigators | Project title   | Date of sanction and duration | Funding Agency                               | Amount in Rs in Lakhs | Specify whether sanctioned /completed with date. |
|-------|-----------------------|---|-------------------------------|--|-----------------------|--|
| 1     | Dr. Nitin Y. Dhupdale | A Cluster Survey on the Prevalence of Anaemia Among Women of Reproductive Age | GMC IEC obtained on 20/2/2023 | Family Welfare Bureau, Directorate of Health | ₹.2.2 Lakhs           | Ongoing  |



|   |                                  |  |                            |                      |             |         |
|---|----------------------------------|--|----------------------------|----------------------|-------------|---------|
|   |                                  | Group, Pregnant Mothers, Adolescents Boys and Girls with Compliance to Weekly Iron Folic Acid Supplementation in Goa |                            | Services, Panaji Goa |             |         |
| 2 | Dr. Amit Dias<br>Dr Ankush Desai | ICMR - INDIAB study, prevalence of diabetes  | IEC Obtained June 2021     | ICMR                 | 55 Lakhs    | Ongoing |
| 3 | Dr Umesh Kamat                   | Community Behaviour and its determinants in relation to Malaria Prevention and Control in Goa- ICMR                  | IEC obtained in April 2021 | ICMR                 | 22.44 Lakhs | Ongoing |

**Publications:**

**Research Publications:**

Cat I (Scopus, web of science, ICI indexed journals): 4

Cat II (UGC Recognized journals): 3

Cat III (ISSN): 2

Books: Nil

**Papers presented in conferences/Seminars/workshops: Community Medicine (June 2022 to May 2023)**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 5            | 3          |

**Invited lectures given by Faculty**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 2            | 1          |

**Data of Department of Cardiovascular and Thoracic Surgery is as follows:**

**Any new course(s) started:** - MCh – CVTS (02 seats)

**Faculty strength:** - 03 (01 professor, 01 Associate Professor, 01 Assistant Professor)

**Publications:**

| Publications | Cat-I       | Cat-II | Cat-III | Total |
|--------------|-------------|--------|---------|-------|
|              | Scopus, Web | UGC    | ISSN    |       |
|              |             |        |         |       |

|                             | of Science, ICI indexed journals  | Recognized |    |           |
|-----------------------------|---|------------|----|-----------|
| Research papers in Journals | Acute Kidney Injury among Post Cardiac Surgery Patients : A Retrospective Study | -          | -  | 01        |
| <b>Total</b>                | <b>01</b>   | --         | -- | <b>01</b> |

**Data of Department of Endocrinology is as follows:**

**Sponsored Research Projects only sanctioned/Completed during June 2022 and May 2023. (Include only research projects of minimum Rs one lakh)**

| Sr. No. | Name of Investigator/s | Project Title   | Date of Sanction and duration             | Funding Agency | Amount (Rs in Lakhs) | Specify whether sanctioned/completed with date |
|---------|------------------------|---|---|----------------|----------------------|--|
| 1       | Dr. Ankush Desai       | “India Diabetes [INDIAB] Study-Union Territories” (Excluding Chandigarh & Puducherry) | 15 <sup>th</sup> February 2023 and 1 year | ICMR           | Rs 63,53,220/-       | Sanctioned                                     |

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III    | Total     |
|--------------------------------|--|----------------|------------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN       |           |
| I. Research papers in Journals | 04   | NIL            | NIL        | 04        |
| <b>Total</b>                   | <b>04</b>                                    | <b>NIL</b>     | <b>NIL</b> | <b>04</b> |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | NIL          | 07         |

**Data of Department of ENT is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered         | Sanctioned Strength |       | Filled Strength |       |
|------------------------|---------------------|-------|-----------------|-------|
|                        | Entry level         | Total | Entry level     | Total |
| MS OTORHINOLARYNGOLOGY | 4                   |       | 4               |       |

**Faculty strength: 06**

**Conferences/Workshops Organized (Nos. only)**

State Level: 01

**Publications:**

| Publications                   | Cat-I  | Cat-II         | Cat-III   | Total     |
|--------------------------------|--|----------------|-----------|-----------|
|                                | Scopus, Web of UGC Science, ICI indexed journals | UGC Recognized | ISSN      |           |
| 1. Research papers in Journals | --   | --             | 01        | 01        |
| <b>Total</b>                   | --   | --             | <b>01</b> | <b>01</b> |

**Papers presented in Conferences/Seminars/Workshops: Abroad**

**Sports Achievements of Students: (Note: Specify only number)**

| Levels of Competition | Individual Event |              |             |       | Team Event  |              |             |       |
|-----------------------|------------------|--------------|-------------|-------|-------------|--------------|-------------|-------|
|                       | First Place      | Second Place | Third Place | Total | First Place | Second Place | Third Place | Total |
| State                 | --               | --           | --          | --    | --          | 01           | --          | 01    |
| <b>Total</b>          | --               | --           | --          | --    | --          | 01           | --          | 01    |

**Data of Department of Geriatric Medicine is as follows:**

**Courses Offered, Sanctioned and Filled Strength.**

| Course Offered.  | Sanctioned Strength |        | Filled Strength |        |
|------------------|---------------------|--------|-----------------|--------|
|                  | Entry Level.        | Total. | Entry Level.    | Total. |
| MD in Geriatric. | 02                  | 02     | 02              | 02     |

**Faculty Strength:** One ( Professor and Head of the Department)

**Publications.**

| <b>Publications.</b>            | <b>Cat – 1</b>                                      | <b>Cat – 11</b>        | <b>Cat – 111</b> | <b>Total.</b> |
|---------------------------------|---|------------------------|------------------|---------------|
|                                 | <b>Scopus, Web of Science, ICI indexed journal.</b> | <b>UGC Recognized.</b> | <b>ISSN.</b>     |               |
| 1. Research papers in journals. | --  | 1                      | --               | 1             |
| <b>Total</b>                    | <b>--</b>   | <b>1</b>               | <b>--</b>        | <b>1</b>      |

**Papers presented in Conferences / Seminars / Workshops** - Cannot attend as the only teacher / faculty member in the department.

**Data of Department of IPHB is as follows:**

**Courses offered, sanctioned and filled strength:**

| Courses offered | Sanctioned Strength |         | Filled Strength |         |
|-----------------|---------------------|---------|-----------------|---------|
|                 | Entry level         | (Total) | Entry level     | (Total) |
| MD Psychiatry   | 8                   |         | 8               |         |

**Faculty Strength – 7**

| Sr. No | Course        | Faculty Strength |
|--------|---------------|------------------|
| 1      | MD Psychiatry | 7*               |

\*1 faculty member is on Extra Ordinary Leave for Two year & 1 faculty member is on Maternity Leave.

**Achievements of the Psychiatry Department (IPHB):**

- Dr. Shilpa Waikar Associate Professor/Professor & HOD<sub>Actg</sub> was deputed as resource person to deliver lecture on Psychiatric problems in Elderly on 11/11/2022 at Directorate of Health Services, Panaji Goa.
- During Mental Health Week celebration Mental Health awareness program were organized at following places.
  - PHC Sankhali 12/10/2022
  - CHC Valpoi 13/10/2022
  - PHC Aldona 14/10/2022
- Dr. Colin Braganza, Senior Resident, IPHB was deputed as resource person for session on substance abuse in Adolescent at Don Bosco Higher Secondary School on 18/10/2022.
- Institute of Psychiatry & Human Behaviour in collaboration with Psychiatric Society of Goa and Indian Psychiatric Society, organized 53<sup>rd</sup> Annual conference of IPS

West Zonal Branch, from 28/10/2022 to 30/10/2022 at NIO auditorium, Dona Paula, Goa.

- Organized guest lecture by Dr. Charles Ajoy Estibero, staff specialist psychiatrist Manning Mental Health Services, Australia on 31/10/2022 at 2.00 pm in the Lecture Hall of IPHB.
- Dr. Shilpa Waikar Associate Professor/Professor & HOD Actg, Dr. Anil Rane, Asst. Professor & Dr. Ashish Srivastava, Asst. Professor are invited as chairperson for different sessions for the ADDICON 2022 conference organized by NIMHANS Bangalore on 3<sup>rd</sup> December 2022.
- Faculties of Psychiatry have published research paper in national & international journals.
- MD Psychiatry PG students, Junior Residents & Senior Residents presented Research Papers at various conferences.
- Conducted CME workshop on MINDFULNESS, by Dr. Samir Heble, Director of Psychiatry, and Consultant Psychiatrist, WA Country Health Services, Australia at IPHB on 04/01/2023.
- Dr. Anil Rane, Assistant Professor in Psychiatry delivered talk on “Time and Stress Management” on 19/01/2023 at Goa University.
- Training of Medical Officer of Directorate of Health Services on Common Mental Health disorder on 07/02/2023 & 14/02/2023 at IPHB (CME).

#### Conferences/Workshops Organized (Nos. Only) - 02

State Level: 02

#### Publications:

| Publications                   | Cat -I                                       | Cat - II       | Cat - III | Total     |
|--------------------------------|--|----------------|-----------|-----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized | ISSN      |           |
| I. Research papers in Journals | 03   | -              | 01        | 04        |
| <b>Total</b>                   | <b>03</b>                                    | <b>-</b>       | <b>01</b> | <b>04</b> |

#### Invited Lectures given by the faculty:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | --           | 02         |

#### Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution) –

- Dr. Anil Rane, Assistant Professor received the A. V. Shah Best paper award at the 53<sup>rd</sup> Annual Conference at the Indian Psychiatric Society, Western Zonal Branch, October 2022.
- Dr. Sneha B. Suresh under Guidance of Dr. Anil Rane, Assistant Professor received Best thesis award at the ADDICON Conference at NIMHANS, Bengaluru in December 2022.

**Data of Department of Nephrology is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength |       | Filled Strength |       |
|----------------|---------------------|-------|-----------------|-------|
|                | Entry level         | Total | Entry level     | Total |
| DM Nephrology  | 2                   | 2     | 2               | 2     |

**Any new course(s) started: DM Nephrology**

**Faculty strength - 3**

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| -      | 1            | 1          |

**Data of Department of Neurosurgery is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered   | Sanctioned Strength |         | Filled Strength |         |
|--|---------------------|---------|-----------------|---------|
|  | Entry level         | (Total) | Entry level     | (Total) |
| M.Ch. (Neurosurgery)<br>3 years post<br>M.S. programme |                     | 2       |                 | 2       |

**Faculty strength: 5**

**Data of Department of Obstetrics & Gynaecology is as follows:**

**Publications:**

| Publications                   | Cat-I  | Cat-II          | Cat-III | Total    |
|--------------------------------|--|-----------------|---------|----------|
|                                | Scopus, Web of Science, ICI indexed journals | UGC Recognized  | ISSN    |          |
| I. Research papers in Journals | --   | 3(case reports) | --      | 3        |
| <b>Total</b>                   | --   | <b>3</b>        | --      | <b>3</b> |

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India       | Within Goa |
|--------|--------------------|------------|
| --     | 10 ( case reports) | --         |

**Data of Department of Ophthalmology is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered        | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|-----------------------|--|--------------------------------------|
| MS Ophthalmology      | 5  | 5                                    |
| Bachelor of Optometry | 22                                       | 22                                   |

**Faculty strength**

MS Ophthalmology-5

Bachelor of Optometry-2

**Publications:**

| Publications                      | Cat-I<br>Scopus, Web of<br>Science, ICI<br>indexed<br>journals | Cat-II<br>UGC<br>Recognized | Cat-III<br>ISSN | Total    |
|-----------------------------------|--|-----------------------------|-----------------|----------|
| I. Research papers in<br>Journals | 8  | --                          | --              | 8        |
| <b>Total</b>                      | <b>8</b>   | --                          | --              | <b>8</b> |

**Data of Department of Orthopedics is as follows:**

**Courses offered, sanctioned and filled strength:**

| Course Offered | Sanctioned Strength<br>Entry level | Total | Filled Strength<br>Entry level | Total |
|----------------|------------------------------------|-------|--------------------------------|-------|
| MS Orthopedics | 3                                  | 3     | 3                              | 3     |

**Faculty Orthopedics-**

Professor – 1, Associate Professor – 2, Assistant Professor - 1, Lecturer - 3, Assistant Lecturer- 1

**Conferences/Workshops Organized (Nos. only)**

National Level: 2

State Level: 3

**Data of Department of Paediatric Surgery is as follows: NIL**

**Data of Department of Pathology is as follows: NIL**

## Data of Department of Pediatrics is as follows:

### Courses offered, sanctioned and filled strength:

| Course Offered | Sanctioned Strength |              | Filled Strength |       |
|----------------|---------------------|--------------|-----------------|-------|
|                | Entry level         | Total        | Entry level     | Total |
| MD Pediatrics  |                     | Lecturer - 5 |                 | 2     |

### Faculty strength: Professor-1

Associate Professor: 4

Assistant Professor: 2

Lecturer Sanction: 5

Lecturer Filled: 2

### Conferences/Workshops Organized (Nos. only)

National Level: 2

### Publications:

1. Bhardwaj NK, Gowda VK, Sardesai AV. Alternating Hemiplegia of Childhood: A Series of Genetically Confirmed Four Cases from Southern India with Review of Published Literature. *J Pediatr Genet.* 2021 Jun;10(2):111-115
2. Naik A, D'Lima A, Sreekumar K, Silveira MP. Efficacy of expressed breast milk alone or in combination with paracetamol in reducing pain during ROP screening: A randomized controlled trial. *Journal of Clinical Neonatology.* 2021 Apr 1;10(2):73
3. Bhardwaj NK, Gowda VK, Saini J, Sardesai AV, Santhoshkumar R, Mahadevan A. Neurodegeneration with brain iron accumulation: Characterization of clinical, radiological, and genetic features of pediatric patients from Southern India. *Brain Dev.* 2021 Nov;43(10):1013-1022
4. Joshi VM, D'Sa LACF. Mortality profile in pediatric malignancies: a 11 year retrospective study. *Int J ContempPediatr*2020;7:180-3.
5. RoyRaiturcar T, Cacodkar J, AnaghaDubhashi ,Aguias M. Knowledge , attitude and practice study on awareness of retinopathy of prematurity among pediatrician in Goa . *Journal of clinical Neonatology .Vol -8,issue 2, 2020, Pg 106-109*
6. Sreekumar K, Kunde P, Silveira MP (2020) Safety Culture in the Neonatal Intensive Care Unit: Comparing the Pediatric Postgraduates and Nurses Using the Safety Attitude Questionnaire. *J Neonatal Biol* 9:272. doi: 10.35248/2167-0897.20.9.272
7. SarveshKosambe , S Joglekar, Annely D, (2019)Incidence &risk factors of ROP in Goa, India, A report from tertiary care centre, *Int. J. of contemporary Ped, Vol. 6, No. 3, :1228-1234*

### Invited Lectures given by the faculty:

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | 4            | 15         |



### Data of Department of Physiology is as follows:

**Faculty Strength:** 15

#### **Achievements of the College:**

National Level: .Organized/ Conducted National Conference in collaboration with Pharmacology, Goa Medical College and Surat Medical College, Gujrat ( IntPcon) on 23-09-23 & 24-09-2023 at Goa Medical College, Bambolim, Goa.

#### **Conferences/Workshops Organized (Nos only):**

National Level: Organized/ Conducted National Conference in collaboration with Pharmacology, Goa Medical College and Surat Medical College, Gujrat ( IntPcon) on 23-09-23 & 24-09-2023 at Goa Medical College, Bambolim, Goa.

State Level: As above

#### **Publications:**

| <b>Publications</b>            | <b>Cat-I</b>  | <b>Cat-II</b>         | <b>Cat-III</b> | <b>Total</b> |
|--------------------------------|---|-----------------------|----------------|--------------|
|                                | <b>Scopus, Web of Science, ICI Indexed Journals</b> | <b>UGC Recognized</b> | <b>ISSN</b>    |              |
| I. Research papers in journals | 2   | --                    | --             | 2            |
| <b>Total</b>                   | <b>2</b>  | <b>--</b>             | <b>--</b>      | <b>2</b>     |

#### **Papers Presented in conferences/Seminars/Workshops:**

| <b>Aboard</b> | <b>Within India</b> | <b>Within Goa</b> |
|---------------|---------------------|-------------------|
| <b>NIL</b>    | <b>1</b>            | <b>NIL</b>        |

#### **Any other Special Achievements of faculty (Maximum of 4 major achievements from one College/institution): Yes**

National Level: .Organized/ Conducted National Conference in collaboration with Pharmacology, Goa Medical College and Surat Medical College, Gujarat (IntPcon) on 23-09-23 & 24-09-2023 at Goa Medical College, Bambolim, Goa.

### Data of Department of Plastic Surgery is as follows:

#### **Courses offered, sanctioned and filled strength:**

| Courses Offered       | Sanctioned Strength/ |       | Filled Strength/ |       |
|-----------------------|----------------------|-------|------------------|-------|
|                       | Entrylevel           | Total | Entrylevel       | Total |
| MCh (Plastic Surgery) | 1                    |       | 1                |       |
|                       | 1                    |       | 1                |       |

#### **Faculty strength**

|               |                         |                         |
|---------------|-------------------------|-------------------------|
| Professor - 1 | Associate Professor - 1 | Assistant Professor - 3 |
|---------------|-------------------------|-------------------------|

**Conferences/Workshops Organized (Nos. only)**

National Level: 1

**Paper presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| --     | --           | 01         |

**Data of Department of Radiology is as follows:****Faculty Strength:**

| Sr. No | Name                  | Designation            |
|--------|-----------------------|------------------------|
| 1.     | Dr. Sanjay Sardesai   | Prof. & Head           |
| 2.     | Dr. Renny Furtado     | Assoc.Prof.            |
| 3.     | Dr. Yasmin Fernandes  | Assoc.Prof.            |
| 4.     | Dr. Ambika Juwarkar   | Assoc.Prof.            |
| 5.     | Dr. Pawan kumar       | Asst. Prof. (Contract) |
| 6.     | Dr.Swamini Panandikar | Lecturer               |
| 7.     | Dr. Sweta Pereira     | Lecturer               |
| 8.     | Dr. Civona Gomes      | Lecturer               |
| 9.     | Dr. Nilkanth Pal      | Lecturer(Contract)     |

**Data of Department of Respiratory Medicine is as follows:****Faculty strength:** 06 (4 on regular basis and 2 on Contract basis)**Sponsored Research Project only sanctioned/Completed during June 2022 and May 2023.**

| Sr. No. | Name of Investigators                       | Project Title   | Date of Sanction and duration | Funding Agency                                   | Amount (Rs. In Lakhs)                  | Specify whether sanctioned/ completed with date |
|---------|---|---|-------------------------------|--|--|---|
| 1.      | National Tuberculosis Elimination Programme | TDM in drug sensitive non responding tubercular cases | Feb'2020 (4 years)            | NTEP, Directorate of Health Services, Panaji-Goa | 90,000/- (Rupees Ninety Thousand only) | Ongoing project                                 |

**Conferences/Workshops Organised:**

State Level: 3

**Papers presented in Conferences/Seminars/Workshops:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | Nil          | 1          |

**Invited Lectures given by the faculty:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| Nil    | 1            | 1          |

**Data of Department of Urology is as follows:****Courses offered, sanctioned and filled strength:**

| Course Offered                           | Sanctioned Strength<br>Entry level Total | Filled Strength<br>Entry level Total |
|--|--|--------------------------------------|
| M.Ch. Genitourinary<br>Surgery (Urology) | 02                                       | 02                                   |

**Faculty strength: 06****Conferences/Workshops Organized (Nos. only)**

State Level: 02

**Papers presented in Conferences/Seminars/Workshop:**

| Abroad | Within India | Within Goa |
|--------|--------------|------------|
| NIL    | 11           | 04         |

**Awards:**

| Name of the<br>faculty<br>member | Title of the Award   | Name of Agency/<br>Institution sponsoring the<br>award ( Only recognized<br>and reputed agencies), Date<br>of award |
|----------------------------------|--|---|
| Dr. Prashant T. N.<br>Mandrekar  | <b>Third prize</b> for paper titled<br><b>“Placental adhesive<br/>disorders (placenta increta<br/>and percreta): A<br/>Nightmare to<br/>Urogynecologist”</b> | <b>XXXIV GIMACON</b><br>(Annual Goa State IMA<br>conference) held at Goa on<br>24 & 25 September 2022.              |

## 5C. RECOGNISED INSTITUTIONS

### 5C.62 CSIR-National Institute of Oceanography, Dona Paula

**Name of the Director:** Dr.Sunil Kumar Singh  
**Year of Establishment:** 1966  
**Courses/Degree for which the Institution is recognised:** Ph.D.in Marine Science.  
**Website:** <http://www.nio.org>  
**Faculty/Scientist strength:** 134

### 5C.63 Fisheries Survey of India, Government of India, Mormugao

**Name of the Director:** D.M.Ali  
**Year of Establishment:** 1972  
**Courses/Degree for which the Institution is recognised:** Ph. D.  
**Email:** [fsimormugaobase@gmail.com](mailto:fsimormugaobase@gmail.com)  
**Website:** [www.fsi.gov.in](http://www.fsi.gov.in)  
**Faculty/Scientist strength:** 3

### 5C.64 Xavier Centre of Historical Research, Alto Porvorim

**Name of the Director:** Dr. Anthony da Silva,S.J.  
**Year of Establishment:** 1977  
**Email Address:** [info@xchr.in](mailto:info@xchr.in) / [xchr.library@gmail.com](mailto:xchr.library@gmail.com)  
**Website:** [www.xchr.in](http://www.xchr.in)  
**Courses/Degree for which the Institution is recognized:** Indo-Portuguese Research Library and Ph.D. in History

#### Academic Staff

Dr.Anthony Da Silva (Director)  
Fr. Anderson Fernandes (Administrator)  
Mrs. Arti Fernandes (Librarian)

### 5C.65 ICMR-National Institute of Malaria Research, Field Unit, Campal, Panaji

**Name of the Director:** Dr. Amit Sharma  
**Year of Establishment:** 1977  
**Website:** <https://nimr.org.in/>  
**Faculty/Scientist strength:** 29

### 5C.66 Thomas Stephens Konknni Kendr, Porvorim

**Year of Establishment:** 1982  
**Director:** Fr.Jose Silveira SJ.  
**Contact:** 7767020080  
**Courses/Degrees for which it is recognized:** Research and Language teaching courses  
**Faculty Strength–04**  
**Website :** [www.tskk.org](http://www.tskk.org)

### **5C.67 Directorate of Archives & Archaeology, Panaji**

**Name of the Director:** Blossam Medeira

**Year of Establishment:** 1995

**Website:** <http://www.daa.goa.gov.in>

**E-mail:** [dir-arch.goa.nic.in](mailto:dir-arch.goa.nic.in)

### **5C.68 Earth System Science Organisation-National Centre for Polar & Ocean Research, Headland Sada, Vasco-da-Gama**

**Year of Establishment:** 1999

**College Address:** National Centre for Polar and Ocean Research Ministry of Earth Sciences,  
Government of India Headland Sada, Vasco-da-Gama, Goa 403 804, India

**Principal's Details:**

**Name:** Dr. Thamban Meloth

**Contact No:** 0832-2525511

**Email:** [director@ncpor.res.in](mailto:director@ncpor.res.in)

**College website:** [www.ncpor.res.in](http://www.ncpor.res.in)

## PART 6

### Ph.D. AWARDEES

**Number of Ph.D.Degrees Awarded.**

| Sr. No. | Faculties/Schools  | No. of Ph.D. Degree Awarded |
|---------|--|-----------------------------|
| 1       | Shenoi Goembab School of Languages & Literature            | 08                          |
| 2       | DD Kosambi School of Social Sciences & Behavioural Studies | 06                          |
| 3       | School of Physical and Applied Sciences                    | 02                          |
| 4       | School of Biological Sciences & Biotechnology              | 05                          |
| 5       | School of Chemical Sciences                                | 05                          |
| 6       | School of Earth, Ocean and Atmospheric Sciences            | 13                          |
| 7       | Goa of Business School                                     | 09                          |
| 8       | Manohar Parrikar School of Law, Governance & Public Policy | 02                          |
| 9       | Faculty of Engineering                                     | 07                          |
| 10      | School of International and Area Studies                   | 0                           |
| 11      | School of Sanskrit, Philosophy and Indic Studies           | 0                           |
| 12      | Faculty of Pharmacy  | 0                           |

**Faculty Wise List**

| SHENOI GOEMBAB SCHOOL OF LANGUAGES AND LITERATURE |                           |   |         |                             |            |
|---|---------------------------|---|---------|-----------------------------|------------|
| Sr. No  | Candidate name            | Title   | Subject | Guide                       | Viva Voce  |
| 1   | Dr. Rawool Vipra Janardan | “Hindi Evam Marathi Dalit Kahaniyan : Tulanatmak Adhyayan”                                  | Hindi   | Dr. Vrushali Mandrekar      | 08/08/2022 |
| 2   | Dr. Palia Tukaram Gaonkar | “Implementation of ICT in Languages and Literature”   | English | Dr. Andrea Rafael Fernandes | 11/08/2022 |
| 3   | Dr. Bhakti Govind Mahajan | “Gomantakeey Santkavi Sohirobanath Ambiyee Yanchya Sahityacha Bhashik va Vangmayeen Abhyas” | Marathi | Dr. Sunita Umraskar         | 16/09/2022 |
| 4   | Dr. Sandeep S.Lotlikar    | ‘Kashinath Singh Ka Katha Sahithya: Samajikevam Sanskrutik Anushilan                        | Hindi   | Prof. Ishrat Bi Khan        | 24-01-2023 |

|   |                                    |   |         |                        |            |
|---|------------------------------------|---|---------|------------------------|------------|
| 5 | Dr. Natasha Maria Gomes            | “Les methods de francaisenInde: contextuaton et creation de ressources pedagogiques”. | French  | Dr. Anuradha Wagle     | 27-01-2023 |
| 6 | Dr. Luis Xavier Gomes              | “तोमाझिन्युकार्दोज हांच्या वेंचीक तियात्रांतलें समाज जीवन”                            | Konkani | Ad. Uday Bhembre       | 16-02-2023 |
| 7 | Dr. Dipti Dipakant Chatin Aldonkar | “Swatantryottar Hindi Yatra Sahitya: Samikshatmak Adhyan”                             | Hindi   | Dr. Omprakash Tripathi | 06-04-2023 |

| <b>DD KOSAMBI SCHOOL OF SOCIAL SCIENCES &amp; BEHAVIOURAL STUDIES</b> |  |  |                   |                    |                          |
|---|--|--|-------------------|--------------------|--------------------------|
| <b>Sr No.</b>   | <b>Candidate name</b>                                | <b>Title</b>   | <b>Subject</b>    | <b>Guide</b>       | <b>Date of Viva voce</b> |
| 1   | Dr. Monojit Das                                      | “Global Cyber Governance: Convergence and Discord”   | Political Science | Dr. Rahul Tripathi | 23-09-2022               |
| 2   | Dr. Aditi Shukla                                     | “Sanskrit, State and Legitimacy in Goa (4th Century AD-1565)”  | History           | Dr. Nagendra Rao   | 28-10-2022               |
| 3   | Dr. Parag D. Parobo                                  | “Construction of the BahujanSamaj: Consciousness, Contestations and Assertions from the nineteenth century to post-Liberation Goa” | History           | Dr. Remy Dias      | 13-01-2023               |
| 4   | Dr. Maria de Lourdes Fatima Fernandes Bravo da Costa | “Food History of Goa: Researching its Multifaceted Aspects From 1900 Upto 1961”  | History           | Dr. Remy Dias      | 13-01-2023               |



|   |                  |   |           |                       |            |
|---|------------------|---|-----------|-----------------------|------------|
| 5 | Dr. Adrian Ferro | “Urban Histories Appraising Margao, A Study in Urban Geography” | Geography | Dr. Nandakumar Sawant | 30-01-2023 |
| 6 | Dr. Nilofer      | “Livelihood and Identity among the Tibetans in Goa”             | Sociology | Dr. Joanna P. Coelho  | 03-03-2023 |

**SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY**

| <b>Sr. No.</b> | <b>Candidate name</b>              | <b>Title</b>  | <b>Subject</b> | <b>Guide</b>           | <b>Date of Viva voce</b> |
|----------------|------------------------------------|---|----------------|------------------------|--------------------------|
| 1              | Dr. Kiran Suresh Gaude             | “Soil Nematode Diversity in Three Wildlife Sanctuaries of Goa, India”   | Zoology        | Prof. I.K. Pai         | 13-06-2022               |
| 2              | Dr. Sulochana A. Shet              | “Biodiversity and Industrial Potential of Pigment Producing Bacteria from Coastal Sand Dunes of Goa”  | Microbiology   | Dr. Sandeep Garg       | 22-07-2022               |
| 3              | Dr. Pallavi Prashant Konge Randive | Systematic Studies on Lichens of Cotigao Wildlife Sanctuary, Goa  | Botany         | Prof. M.K. Janarthanam | 09-11-2022               |
| 4              | Dr. Velip Dhillan Mhalgo           | Screening For Efficient Arbuscular Mycorrhizal (AM) Fungal Species And Rhizobial Strains For Enhancing Yield In Selected Local Cultivars Of Vigna Unguiculata (L.) Walp (Cowpea)” | Botany         | Dr. B.F. Rodrigues     | 23-11-2022               |
| 5              | Dr. Aditi Venkatesh Naik           | “ Phytochemistry, In Vitro Culture and Bioefficacy Studies of Medicinal Plant Annona Muricata L. (Annonaceae)”  | Botany         | Prof. S. Krishnan      | 15-12-2022               |

| SCHOOL OF CHEMICAL SCIENCES |                                   |  |           |                        |                   |
|-----------------------------|-----------------------------------|--|-----------|------------------------|-------------------|
| Sr. No.                     | Candidate name                    | Title  | Subject   | Guide                  | Date of Viva voce |
| 1                           | Dr. Abhijeet Digamber Shetgaonkar | “Synthesis, Properties and Applications of some Polycarbonate and Polyurethane Polymers”                                     | Chemistry | Prof. V.S. Nadkarni    | 03-06-2022        |
| 2                           | Dr. Amarja Prashant Naik          | Nanoporous TiO <sub>2</sub> ), Ni <sub>(1-x)</sub> O And Their Nanocomposites For Environmental And Energy Applications”     | Chemistry | Dr. Pranay Morajkar    | 18-11-2022        |
| 3                           | Dr. Shashank Nitin Mhaldar        | Asymmetric Synthesis of Alkaloids Containing Pyrrolidine and Piperidine Motifs   | Chemistry | Prof. Santosh G. Tilve | 25-11-2022        |
| 4                           | Dr. Ketan Sharad Mandrekar        | Synthesis of Pyrrolo-Coumarins, Indolizidines, C-N Bond Cleavage of Mannich Bases, and Alkylation of Tetrahydroisoquinolines | Chemistry | Prof. Santosh G. Tilve | 30-11-2022        |
| 5                           | Dr. Akshay Vinod Salkar           | Nanostructured Tungsten and Molybdenum Oxides as Advanced Electrode Materials for Energy Storage Applications                | Chemistry | Dr. Pranay Morajkar    | 28-04-2023        |

| SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES |                    |  |                |                  |                   |
|---|--------------------|--|----------------|------------------|-------------------|
| Sr. No.   | Candidate name     | Title  | Subject        | Guide            | Date of Viva voce |
| 1   | Dr. Ajith T. Singh | “Hydrology and Hydrochemistry of the Chandra Basin Glaciers, | Marine Science | Dr. Laluraj C.M. | 13-07-2022        |

|    |                            |   |                 |                     |            |
|----|----------------------------|---|-----------------|---------------------|------------|
|    |                            | Western Himalaya”   |                 |                     |            |
| 2  | Dr. Afreen Hussain         | “Studies on coral patches along the central west coast of India”  | Marine Sciences | Dr. Baban Ingole    | 26-07-2022 |
| 3  | Dr. Anjali Nair            | “Wave spectral evolution in shallow and intermediate waters at select coastal region of India”  | Marine Sciences | Dr. Sanil V. Kumar  | 12-08-2022 |
| 6  | Dr. Pankaj Prasad          | “Environmental Geomorphology of Central West Coast of India: an Integrated Approach Using Geospatial Machine Learning, and Ground Penetrating Radar Techniques” | Earth Sciences  | Dr. V.J. Loveson    | 18-07-2022 |
| 7  | Dr. Dafilgo Fernandes      | “Chemistry of Micrometeorites Collected From Antarctica and Deep-Sea Sediments of the Indian Ocean”   | Earth Sciences  | Dr. Rudraswami N.G. | 22-07-2022 |
| 8  | Dr. Ashwini Pai Panandikar | “Simulating impacts of land-use and climate changes on streamflow in a humid tropical region in India”  | Earth Sciences  | Prof. A.G. Chachadi | 22-07-2022 |
| 9  | Dr. Albertina Balbina Dias | “Quantification and seasonal variation of colored dissolved organic matter(CDOM) in the coastal and estuarine water of Goa”                                     | Marine Sciences | Dr. Siby Kurien     | 16-11-2022 |
| 10 | Dr. Vikash Kumar           | “ Teleconnection between Past High and Mid-Latitude Climate and Indian Monsoon Variability”   | Marine Sciences | Dr. Manish Tiwari   | 12-12-2022 |

|    |                               |   |                 |                            |            |
|----|-------------------------------|---|-----------------|----------------------------|------------|
| 11 | Dr. Padmasini Behera          | “Teleconnection between Northern Polar Climate and South Asian Monsoon during Mid Pliocene Warm Period and since Late Quaternary” | Marine Sciences | Dr. Manish Tiwari          | 15-02-2023 |
| 12 | Dr. Ningthoujam Lachit Singh  | Geodynamic Evolution of Indian Ocean Geoid Low (IOGL) Region using Travel Time Tomography   | Marine Sciences | Dr. Dhananjay Kumar Pandey | 10-03-2023 |
| 13 | Dr. Virsen Vishwanath Gaikwad | “Rock magnetic exploration of cold seep system and associated shallow methane hydrate from the Bay of Bengal”                     | Earth Sciences  | Dr. Firoz K. Badesab       | 28-03-2023 |

| <b>GOA BUSINESS SCHOOL</b> |                               |  |                |                        |                          |
|----------------------------|-------------------------------|--|----------------|------------------------|--------------------------|
| <b>Sr. No.</b>             | <b>Candidate name</b>         | <b>Title</b>   | <b>Subject</b> | <b>Guide</b>           | <b>Date of Viva voce</b> |
| 1                          | Dr. Vivek Etelvino Rodrigues  | “Knowledge Management in the Hospitality Sector”                                   | Management     | Dr. Prita Mallya       | 12-08-2022               |
| 2                          | Dr. Fernandes Karen Frances   | “Energy Consumption and Economic Growth in Newly Industrialised Countries of Asia” | Commerce       | Prof. Y.V. Reddy       | 04-11-2022               |
| 3                          | Dr. Chodankar Trupti Dinanath | “A Study on Commodity Spot and Futures Markets in India.”                          | Commerce       | Dr. P. Sri Ram         | 02-11-2022               |
| 4                          | Dr. Naik Priyanka Umesh       | “ Liquidity in Indian Stock Market: An Empirical Study”                            | Commerce       | Prof. Y.V. Reddy       | 13-12-2022               |
| 5                          | Dr. Tooba Modassir            | “A Study on Women Talent Management Practices in                                   | Commerce       | Prof. B. Ramesh (Retd) | 01-11-2022               |

|   |                          |  |            |                          |            |
|---|--------------------------|--|------------|--------------------------|------------|
|   |                          | NIFTY 50 Companies in India”   |            |                          |            |
| 6 | Dr. Edgar Philip D’Souza | “A Study on Tourists’ Drinking Behaviour in Alcotourism”                               | Management | Prof. M. S. Dayanand     | 27-01-2023 |
| 7 | Dr. Ramashanti AnandNaik | Long Memory in Indian Stock Market: An Empirical Study                                 | Commerce   | Prof. Y.V. Reddy         | 06-03-2023 |
| 8 | Dr. Gore Surabhi Anup    | “Mapping Tourism Strategy Patterns A Case study on Tourism development in Goa, India”  | Management | Dr. Nilesh Borde         | 06-03-2023 |
| 9 | Dr. Shripad Marathe      | “ The impact of crude oil Prices on Economies of BRICS Countries – An Empirical Study” | Commerce   | Prof. Guntur Anjana Raju | 17-03-2023 |

| <b>MANOHAR PARRIKAR SCHOOL OF LAW, GOVERNANCE &amp; PUBLIC POLICY</b> |                           |   |                 |                      |                          |
|---|---------------------------|---|-----------------|----------------------|--------------------------|
| <b>Sr. No.</b>  | <b>Candidate name</b>     | <b>Title</b>  | <b>Subject</b>  | <b>Guide</b>         | <b>Date of Viva voce</b> |
| 1   | Dr. Andryusha A. D’Costa  | “Evolution and Impact of the Best Interest Jurisprudence on Children’s Rights with Special Reference to the State of Goa” | Law             | Dr. K. S. Rao        | 29-08-2022               |
| 2   | Dr. Kajal Paresh Rivankar | “ A study on Menstrual Practices, Customs and Interventions for Adolescents Girls in Goa”                                 | Women’s Studies | Prof. Shaila Desouza | 17-03-2023               |

| FACULTY OF ENGINEERING |                              |   |   |                         |                   |
|------------------------|------------------------------|---|---|-------------------------|-------------------|
| Sr. No.                | Candidate name               | Title   | Subject                                       | Guide                   | Date of Viva voce |
| 1                      | Dr. Mahesh Mohan Caisucar    | “Multi Attribute Decision Making Approaches in New Product Design and Development”  | Mechanical Engineering                        | Dr. Rajesh Prabuganokar | 27-07-2022        |
| 2                      | Dr. Vinay Mohan Agrawal      | Studies on Mechanical and Durability Properties of Concrete with Secondary and Ternary Cement Blends                                      | Civil Engineering                             | Dr. Purnanand Savoikar  | 16-09-2022        |
| 3                      | Dr. Sangeeta L. Mahaddalkar  | “Real Time Power Quality Assessment and Implementation of Reconfigurable Smart Monitoring and Mitigation Strategy based on SoC Framework” | Electrical and Electronics Engineering        | Dr. V.N. Shet           | 06-12-2022        |
| 4                      | Dr. Suneeta S. Raykar        | “IoT Enabled Mobility Based Healthcare Monitoring and Implementation of Prediction Model”   | Electrical and Electronics Engineering        | Dr. V.N. Shet           | 20-12-2022        |
| 5                      | Dr. Sonali Dattatraya Pandit | “FPGA Based Controller Design for Switching Converters and Performance Analysis”  | Electrical and Electronics Engineering        | Dr. V.N. Shet           | 21-12-2022        |
| 6                      | Dr. Saurabh Laximan Raikar   | “Investigative Studies in Reliability Based Design Approach for Mechanical Systems”   | Mechanical Engineering                        | Dr. Rajesh PrabhGaonkar | 21-04-2023        |
| 7                      | Dr. Gaitonde Jaya Venktesh   | Some Theoretical Studies on High-Speed Optical Devices  | Electronics and Telecommunication Engineering | Dr. R.B. Lohani         | 23-05-2023        |

**SCHOOL OF PHYSICAL AND APPLIED SCIENCES**

| <b>Sr. No.</b> | <b>Candidate name</b>    | <b>Title</b>   | <b>Subject</b> | <b>Guide</b>        | <b>Date of Viva voce</b> |
|----------------|--------------------------|--|----------------|---------------------|--------------------------|
| 1              | Dr. Prasad Narayan Patil | “Study of Optical and Electrical Properties of BaWO <sub>4</sub> /CaWO <sub>4</sub> Nanocomposites”                | Physics        | Dr. Uma Subramanian | 12-07-2022               |
| 2              | Dr. Rukma G. Nevgi       | “Effect of impurity doping and local structural Disorder on the Martensitic transformation in Shape Memory Alloys” | Physics        | Prof. K.R. Priolkar | 22-07-2022               |

## PART 7

# MAJOR HIGHLIGHTS AND ACHIEVEMENTS OF GOA UNIVERSITY



## Major Highlights and Achievements of Goa University

This part offers a comprehensive overview of Goa University's academic prowess, providing a glimpse into the institution's major accomplishments and highlights including sports and other areas throughout the preceding year. Renowned for its commitment to excellence, the university stands as a vibrant center of intellectual engagement and research exploration. Within this chapter, we delve into the dynamic academic landscape shaped by a community of 94 dedicated faculties, whose contributions transcend traditional boundaries. The narrative unfolds through impactful research publications, thought-provoking book chapters, and a rich tapestry of conference presentations at various levels. Emphasizing a proactive approach to knowledge sharing, the chapter explores the organization of seminars, conferences, and workshops, reflecting the university's pivotal role as a hub for academic dialogue. As we navigate through the diverse facets of Goa University's achievements, the chapter unveils a narrative of intellectual vibrancy, recognition through awards, and a commitment to global collaboration, positioning the university as a beacon of academic growth and innovation.

1. **Research Publications:** In the realm of academic research, Goa University has demonstrated exceptional productivity, with 94 dedicated faculties contributing to a total of 200 research publications. This signifies a commitment to advancing knowledge across various disciplines.
2. **Book Chapters:** The University's intellectual contributions extend beyond research papers, encompassing 34 impactful book chapters. A cohort of 21 faculties has actively engaged in shaping scholarly discourse through these insightful contributions.
3. **Conference Presentations, Lectures:** Goa University has been a prominent voice in academic forums, presenting 366 lectures and presentations. The engagement spans 197 at the State level, 113 at the National level and 56 at the International level, showcasing the university's commitment to sharing knowledge on diverse platforms.
4. **Seminars, Conferences, Workshops, etc., Organized:** A testament to Goa University's role as a knowledge hub is the organization of 163 seminars, conferences, and workshops. Ranging from state to international levels, these events have fostered intellectual exchange and academic growth.
5. **Ph.D.s Awarded:** The University takes pride in its commitment to producing scholars, having conferred 43 Ph.D. degrees. This reflects a dedication to nurturing advanced research and contributing to the academic community.
6. **Guest Lecture Organized:** In fostering a dynamic academic environment, the university organized 58 guest lectures. These sessions, featuring experts from various fields, provided valuable insights and enriched the learning experience for students and faculty alike.
7. **Books Published:** Six faculties at Goa University have actively contributed to the publication of five noteworthy books. This showcases the university's commitment to disseminating knowledge through comprehensive literary works.

8. **Awards:** Recognition has been a constant companion of Goa University, with a total of 31 awards acknowledging the excellence achieved by the faculty and the institution across various domains.
9. **Scholarships Awarded:** In support of academic excellence, the university has awarded scholarships to five deserving individuals, fostering a culture of merit and encouraging further educational pursuits.
10. **Seminars/Webinars Attended:** Faculty and students actively participated in knowledge-sharing activities, attending a total of 120 seminars and webinars at various levels, including State, National, and International.
11. **Projects Funded:** the University's commitment to cutting-edge research is evident in the successful funding of 15 projects, enabling faculty and students to delve into innovative areas of study.
12. **Research Proposals Submitted:** Demonstrating a proactive approach to research, the university submitted 155 research proposals, reflecting the institution's continuous quest for intellectual exploration.
13. **Visiting Research Professors:** Eight distinguished visiting research professors have contributed to the academic vibrancy at Goa University, bringing diverse perspectives and enriching the learning environment.
14. **Activities/Courses/Workshops Conducted Under Chair:** Under the aegis of visiting chairs, 10 unique courses and 33 activities were conducted, fostering interdisciplinary collaboration and promoting a holistic approach to education.
15. **Activities by Goa University Campus Students:** The dynamic student community at Goa University actively engaged in 11 diverse activities, contributing to the overall vibrancy of campus life.
16. **Admission to Foreign Students:** Reflecting global recognition, Goa University welcomed 33 foreign students, fostering cultural exchange and creating a diverse and inclusive academic environment.
17. **Activities Conducted by DIQA:** The Directorate of Internal Quality Assurance (DIQA) at Goa University has been instrumental in organizing eight impactful activities, contributing to the continuous enhancement of academic quality.
18. **Activities of UBA (Unnat Bharat Abhiyan):** The Unnat Bharat Abhiyan initiative has been a driving force behind 37 transformative activities, showcasing the institution's commitment to achieving academic excellence and societal impact.
19. **Sports:** In the realm of sports, Goa University has shone brightly, with active participation in 24 inter-university championships, securing victories in both Men's and Women's Football categories.
20. **HRDC (Human Resource Development Centre):** The Human Resource Development Centre (HRDC) at Goa University has been instrumental in conducting 34 diverse courses, contributing to the continuous professional development of faculty and staff.



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