



Goa University
School of Physical and Applied Sciences
Mathematics Discipline
Report on Winter School on Computational and Applied Mathematics

1. Title of the Event/Activity/program	Winter School on Computational and Applied Mathematics
2. Date and Time	20 th Nov – 27 th Nov from 9.30a.m. to 5.30p.m.
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	School of Physical and Applied Sciences
5. Collaborating Agency/School/Directorate	GSRF
6. Detail of the Resource Person (Brief biodata)	Dr. Mridini Mahadev Gawas Dr. Jessica Fernandes e Pereira Dr. Bhargav Alavani Dr. Aditi Naik Dr. Mahadev Gawas
7. Number of Faculty attended/participated	NIL
8. Number of Student attended / participated	-
9. No. of external students/faculty/other participants	28
10. The objectives of the Program/activity/event	1. Enhance Technical Knowledge: Provide participants with in-depth knowledge and hands-on experience in advanced computational and applied mathematics

	<p>techniques, fostering a deeper understanding of mathematical models, algorithms, and computational methods used in real-world applications.</p> <p>2. Promote Interdisciplinary Collaboration: Encourage collaboration among participants from various academic backgrounds to apply computational and mathematical theories to diverse fields such as physics, biology, finance, and engineering.</p> <p>3. Introduce Cutting-Edge Tools and Technologies: Expose participants to the latest software, programming languages, and computational tools used in applied mathematics, equipping them with practical skills.</p> <p>4. Foster Research and Innovation: Create a platform for students, researchers, and professionals to engage in discussions, share research findings, and develop innovative solutions to challenging problems</p>
<p>11. Description of the Program/activity/event</p>	<p>Mathematics Discipline, School of Physical and Applied Sciences, Goa University under Goa State Research Foundation Summer/ Winter School Scheme 2024-2025 had organized "Winter School on Computational and Applied Mathematics" for undergraduate Mathematics students from all over Goa. Twenty-eight students from seven different Colleges, Carmel College, St. Xavier's College, P.E.S.'s RSN College, Dhempe College, DMC College, Govt. College Khandola and Govt. College Sanquelim participated in the event. The event was Co-ordinated by Dr. Mridini Mahadev Gawas under the guidance of Mathematics Programme Director Dr. M. Kunhanandan and Dean of SPAS, Prof. Ramesh Pai. The winter school was scheduled for seven days which included 46 theory and Practical hours. Applications of different areas in mathematics like Differential Equations, Partial Differential Equations, Graph Theory, Linear Algebra, Matrices were discussed in different fields like Artificial intelligence, Machine Learning, Data Science and so on. The concept of Mathematical Modelling was introduced to the students along with few real-life applications like population growth, Prey-</p>

	<p>predator model, Electric circuits etc. Few software like MATLAB, FORTRAN were introduced to students which can be used to solve and analyze many differential equations. The feedback of students was very nice. On the last day the exam was conducted for all the students and certificates were given.</p>
<p>12. Benefit/Key outcomes of the Program/activity/event</p>	<p>1. Improved Problem-Solving Skills: Participants will develop enhanced analytical and computational problem-solving abilities, learning to apply mathematical models and algorithms to solve real-world, complex challenges across various industries.</p> <p>2. Exposure to Cutting-Edge Research: Attendees will gain insights into the latest advancements and research in computational and applied mathematics, broadening their understanding of emerging trends, methodologies, and tools in the field.</p> <p>3. Networking and Collaboration Opportunities: The event provides a unique opportunity for participants to interact with leading experts, researchers, and peers, fostering collaboration, mentorship, and potential future research partnerships or career opportunities.</p> <p>4. Practical Experience with Advanced Tools: Through workshops and hands-on sessions, participants will acquire practical experience using modern computational tools and programming languages, equipping them with the skills to implement mathematical techniques and models effectively in their own work or research.</p>
<p>13. Enclosures with report</p>	<p>Brochure, Notice, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person (if applicable), Any other information. Attached</p>

Signature: 

Name of coordinator Mridini M. Gawas

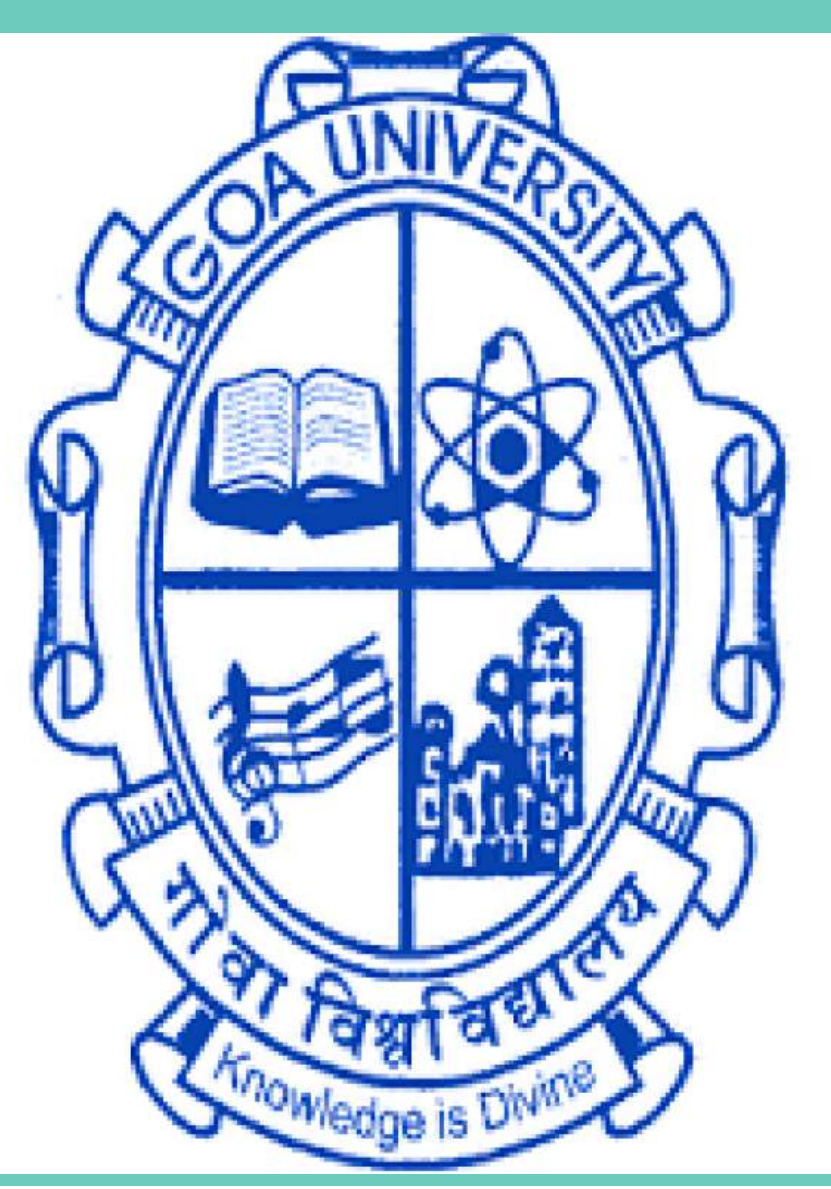
Designation: Assistant Professor

Signature 

Dean/Director/Head

Seal of the School/Directorate/University





Goa University

School of Physical and Applied Sciences

Mathematics Discipline

Under GSRF Winter/Summer School Scheme

organises

A Winter School on Computational and Applied Mathematics

(for undergraduate Mathematics students)

Resource Persons



Dr. Mridini Gawas
Assistant Professor,
SPAS, Goa University



Dr. Jessica Pereira
Assistant Professor,
SPAS, Goa University



Dr. Bhargav Alavani
Assistant Professor,
SPAS, Goa University



Dr. Aditi Naik
Assistant Professor,
SBS, Goa University



Dr. Mahadev Gawas
Research Supervisor
GBS, Goa University

- The objective of the workshop is to enhance participants' understanding and application of mathematical techniques and computational tools to solve real-world problems across various fields.
- All the participants will be awarded with a certificate.
- Interested students can register using the link provided below **by 15th November 2024**

REGISTER NOW

<https://forms.gle/mivyBUGBHNyncyiCA>



FACULTY BLOCK A



20/11/2024-27/11/2024



9:30 AM -5:30 PM

Organising Committee

Dr. Mridini Gawas
(Event Co-ordinator)

Dr. M. Kunhanandan
(PD, Mathematics)

Prof. Ramesh V. Pai
(Dean, SPAS)



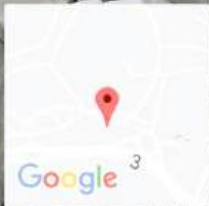
GPS Map Camera



Taleigao, Goa, India
Fr5j+rrf, Goa University, Taleigao, Durgavado, Goa
403206, India
Lat 15.459589° Long 73.832148°
26/11/24 04:25 PM GMT +05:30



GPS Map Camera



Taleigao, Goa, India
Fr5j+rrf Goa University, Goa University, Taleigao, Durgavado, Goa
403206, India
Lat 15.459568° Long 73.832112°
26/11/24 10:27 AM GMT +05:30



GPS Map Camera



Taleigao, Goa, India
Fr5j+rrf, Goa University, Taleigao, Durgavado, Goa
403206, India
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27/11/24 03:35 PM GMT +05:30

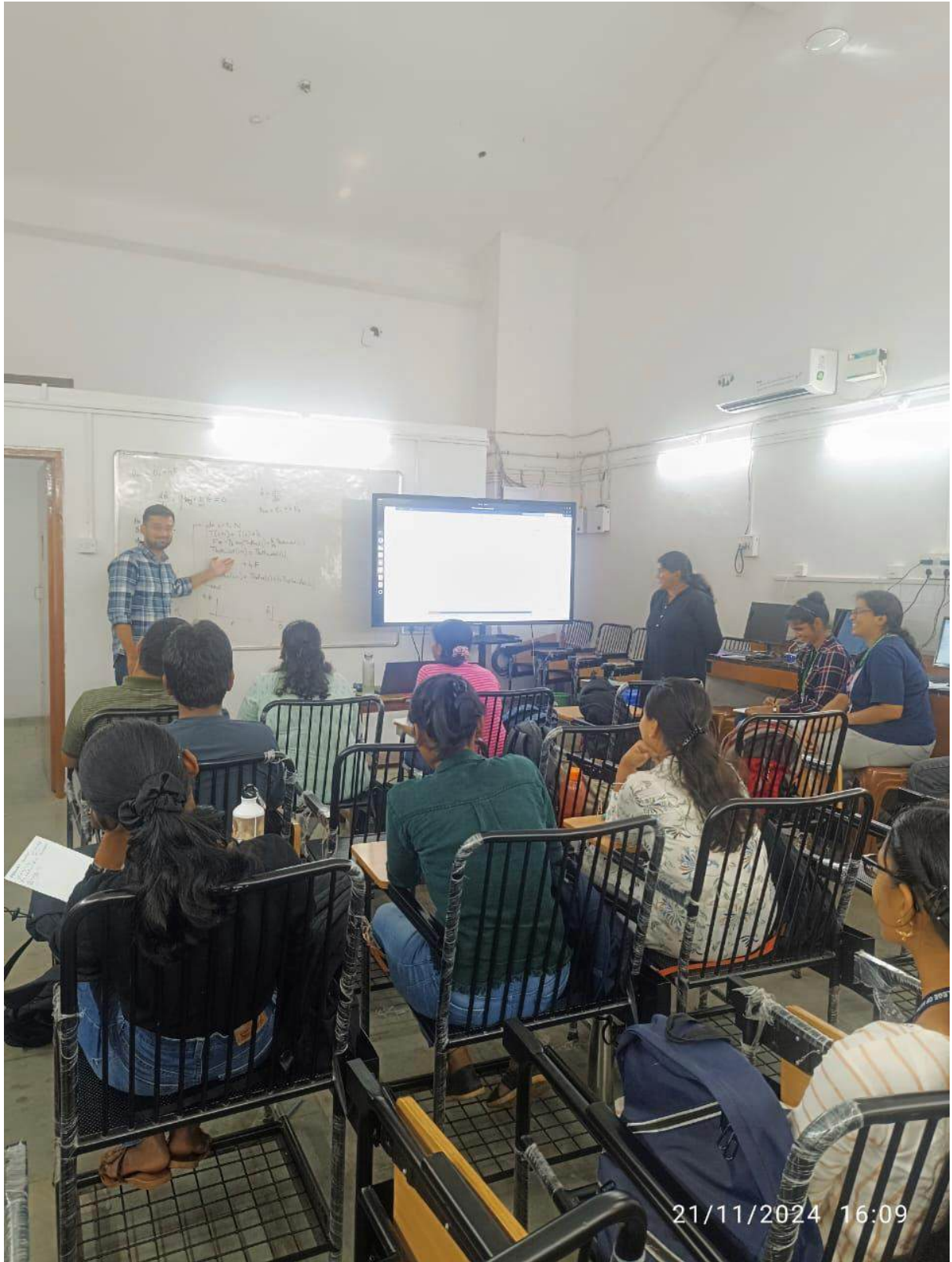


GPS Map Camera



Taleigao, Goa, India
Fr5j+rrf, Goa University, Taleigao, Durgavado, Goa
403206, India
Lat 15.459561° Long 73.832136°
27/11/24 03:31 PM GMT +05:30





Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: 20/11/2024

Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	A	A	A	A	A
2.	Rutuja K. Naik	RUTUJA	RUTUJA	RUTUJA	RUTUJA	RUTUJA
3.	Stelan Varella	Varella	Varella	Varella	Varella	Varella
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	A	A	A	A	A
6.	Mervin Philip Fernandes	A	A	A	A	A
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	A	A	A	A	A
9.	Purva Mestri	A	A	A	A	A
10.	Saee Prashant Thoravat	A	A	A	A	A
11.	Devi Deepak Gawas	A	A	A	A	A
12.	Suhani Vithu Gauns	A	A	A	A	A
13.	Dattaram Umesh Chari	A	A	A	A	A
14.	Disha D Parab	A	A	A	A	A
15.	Vishant R Borkar	A	A	A	A	A
16.	Rani Bedadolakar	A	A	A	A	A
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	A	A	A	A	A
19.	Titiksha Pramod Naik	A	A	A	A	A
20.	Snehal U Shetgaonkar	A	A	A	A	A
21.	Saiesha Gawas	A	A	A	A	A
22.	Mitali Manoj Shirodkar	A	A	A	A	A
23.	Saishma Dinesh Naik	A	A	A	A	A
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	A	A	A	A	A
26.	Riya Ritesh Pednekar	A	A	A	A	A
27.	Jason Victor Couto	A	A	A	A	A
28.	Siya Sitaram Gaonker	A	A	A	A	A
29.	Ryfka Rodrigues	A	A	A	A	A
30.	Sejal Shriram Chopdekar	A	A	A	A	A
31.	Rakshak R Kavlekar	A	A	A	A	A
32.	Savita P Hosamani	A	A	A	A	A
33.	Destiny Dias	A	A	A	A	A
Name and Signature of the Resource Person		Mridini M. Gawas	Mridini M. Gawas	Jessica Fernandes Pereira	Vomsof Aditi Naik	Vomsof Aditi Naik

Present : 28

Absent : 05

Total : 33

M
Gawas

(Mridini M. Gawas)

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: 21/11/2026

Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	→ A	A	A	A	A
2.	Rutuja K. Naik	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
3.	Stelan Varella	→ A	A	A	A	A
4.	Rishikesh Chawan	→ A	A	A	A	A
5.	Navnath Avadhut Samant	A	A	A	A	A
6.	Mervin Philip Fernandes	A	A	A	A	A
7.	Shreya Dilip Kolmule	→ A	A	A	A	A
8.	Daniel Pinto Abreo	A	A	A	A	A
9.	Purva Mestri	A	A	A	A	A
10.	Saee Prashant Thoravat	A	A	A	A	A
11.	Devi Deepak Gawas	A	A	A	A	A
12.	Suhani Vithu Gauns	A	A	A	A	A
13.	Dattaram Umesh Chari	A	A	A	A	A
14.	Disha D Parab	A	A	A	A	A
15.	Vishant R Borkar	A	A	A	A	A
16.	Rani Bedadolakar	A	A	A	A	A
17.	Roseann Silveira	→ A	A	A	A	A
18.	Anant Mahesh Tilvi	A	A	A	A	A
19.	Titiksha Pramod Naik	A	A	A	A	A
20.	Snehal U Shetgaonkar	A	A	A	A	A
21.	Saiesha Gawas	A	A	A	A	A
22.	Mitali Manoj Shirodkar	A	A	A	A	A
23.	Saishma Dinesh Naik	A	A	A	A	A
24.	Vedika Parab	→ A	A	A	A	A
25.	Utkarsh Manikrao Desai	A	A	A	A	A
26.	Riya Ritesh Pednekar	A	A	A	A	A
27.	Jason Victor Couto	A	A	A	A	A
28.	Siya Sitaram Gaonker	A	A	A	A	A
29.	Ryfka Rodrigues	A	A	A	A	A
30.	Sejal Shriram Chopdekar	A	A	A	A	A
31.	Rakshak R Kavlekar	A	A	A	A	A
32.	Savita P Hosamani	A	A	A	A	A
33.	Destiny Dias	→ A	A	A	A	A
Name and Signature of the Resource Person		B.K. Alavai	B.K. Alavai	B.K. Alavai	B.K. Alavai	B.K. Alavai

Present : 26

Absent : 07

Total : 33

Gawas

(Mridini M. Gawas)

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: Nov 22, 2024

Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	Kanak	Kanak	Kanak	Kanak	Kanak
2.	Rutuja K. Naik	RUTUJA Naik	RUTUJA Naik	RUTUJA Naik	RUTUJA Naik	RUTUJA Naik
3.	Stelan Varella	Stelan	Stelan	Stelan	Stelan	Stelan
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	Navnath	Navnath	Navnath	Navnath	Navnath
6.	Mervin Philip Fernandes	Mervin	Mervin	Mervin	Mervin	Mervin
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	Daniel	Daniel	Daniel	Daniel	Daniel
9.	Purva Mestri	Purva	Purva	Purva	Purva	Purva
10.	Sae Prashant Thoravat	Sae	Sae	Sae	Sae	Sae
11.	Devi Deepak Gawas	Devi	Devi	Devi	Devi	Devi
12.	Suhani Vitlu Gauns	A	A	A	A	A
13.	Dattaram Umesh Chari	Dattaram	Dattaram	Dattaram	Dattaram	Dattaram
14.	Disha D Parab	Disha	Disha	Disha	Disha	Disha
15.	Vishant R Borkar	Pishaparab Borkar	Pishaparab Borkar	Pishaparab Borkar	Pishaparab Borkar	Pishaparab Borkar
16.	Rani Bedadolakar	Rani	Rani	Rani	Rani	Rani
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	Anant	Anant	Anant	Anant	Anant
19.	Titiksha Pramod Naik	Titiksha	Titiksha	Titiksha	Titiksha	Titiksha
20.	Snehal U Shetgaonkar	Snehal	Snehal	Snehal	Snehal	Snehal
21.	Saiesha Gawas	Saiesha	Saiesha	Saiesha	Saiesha	Saiesha
22.	Mitali Manoj Shirodkar	Mitali	Mitali	Mitali	Mitali	Mitali
23.	Saishma Dinesh Naik	Saishma	Saishma	Saishma	Saishma	Saishma
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	Utkarsh	Utkarsh	Utkarsh	Utkarsh	Utkarsh
26.	Riya Ritesh Pednekar	Riya	Riya	Riya	Riya	Riya
27.	Jason Victor Couto	Jason	Jason	Jason	Jason	Jason
28.	Siya Sitaram Gaonker	Siya	Siya	Siya	Siya	Siya
29.	Ryfka Rodrigues	Ryfka	Ryfka	Ryfka	Ryfka	Ryfka
30.	Sejal Shriram Chopdekar	Sejal	Sejal	Sejal	Sejal	Sejal
31.	Rakshak R Kavlekar	Rakshak	Rakshak	Rakshak	Rakshak	Rakshak
32.	Savita P Hosamani	Savita	Savita	Savita	Savita	Savita
33.	Destiny Dias	Destiny	Destiny	Destiny	Destiny	Destiny
Name and Signature of the Resource Person		Jessica F. e Perreira	Jessica F. e Perreira	Jessica F. e Perreira	Jessica F. e Perreira	Jessica F. e Perreira

Present: 28

Absent: 05

Total: 33



(Mridini M. Gawas)

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: Nov 29, 2024


Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	Waingankar	Waingankar	Waingankar	Waingankar	Waingankar
2.	Rutuja K. Naik	RUTUJA	RUTUJA	RUTUJA	RUTUJA	RUTUJA
3.	Stelan Varella	Varella	Varella	Varella	Varella	Varella
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	Samant	Samant	Samant	Samant	Samant
6.	Mervin Philip Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	Abreo	Abreo	Abreo	Abreo	Abreo
9.	Purva Mestri	A	A	A	A	A
10.	Saee Prashant Thoravat	A	A	A	A	A
11.	Devi Deepak Gawas	A	A	A	A	A
12.	Suhani Vithu Gauns	A	A	A	A	A
13.	Dattaram Umesh Chari	Chari	Chari	Chari	Chari	Chari
14.	Disha D Parab	Parab	Parab	Parab	Parab	Parab
15.	Vishant R Borkar	Borkar	Borkar	Borkar	Borkar	Borkar
16.	Rani Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	Tilvi	Tilvi	Tilvi	Tilvi	Tilvi
19.	Titiksha Pramod Naik	A	A	A	A	A
20.	Snehal U Shetgaonkar	A	A	A	A	A
21.	Saiesha Gawas	Gawas	Gawas	Gawas	Gawas	Gawas
22.	Mitali Manoj Shirodkar	Shirodkar	Shirodkar	Shirodkar	Shirodkar	Shirodkar
23.	Saishma Dinesh Naik	Naik	Naik	Naik	Naik	Naik
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	Utkarsh Desai	Utkarsh Desai	Utkarsh Desai	Utkarsh Desai	Utkarsh Desai
26.	Riya Ritesh Pednekar	Pednekar	Pednekar	Pednekar	Pednekar	Pednekar
27.	Jason Victor Couto	J. Couto	J. Couto	J. Couto	J. Couto	J. Couto
28.	Siya Sitaram Gaonker	Gaonker	Gaonker	Gaonker	Gaonker	Gaonker
29.	Ryfka Rodrigues	Rodrigues	Rodrigues	Rodrigues	Rodrigues	Rodrigues
30.	Sejal Shriram Chopdekar	Chopdekar	Chopdekar	Chopdekar	Chopdekar	Chopdekar
31.	Rakshak R Kavlekar	Kavlekar	Kavlekar	Kavlekar	Kavlekar	Kavlekar
32.	Savita P Hosamani	Hosamani	Hosamani	Hosamani	Hosamani	Hosamani
33.	Destiny Dias	Dias	Dias	Dias	Dias	Dias
Name and Signature of the Resource Person		Mridini M Goway	Mridini M Goway	Mridini M Goway	Mridini M Goway	Mridini M Goway
		Mridini M Goway	Mridini M Goway	Mridini M Goway	Mridini M Goway	Mridini M Goway

Present : 23

Absent : 10

Total : 33


 (Mridini M. Goway)

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: 25/11/2020

Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	Waingankar	Waingankar	Waingankar	Waingankar	Waingankar
2.	Rutuja K. Naik	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
3.	Stelan Varella	Varella	Varella	Varella	Varella	Varella
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	Samant	Samant	Samant	Samant	Samant
6.	Mervin Philip Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	Abreo	Abreo	Abreo	Abreo	Abreo
9.	Purva Mestri	Mestri	Mestri	Mestri	Mestri	Mestri
10.	Saeed Prashant Thoravat	Thoravat	A	A	A	A
11.	Devi Deepak Gawas	Gawas	A	A	A	A
12.	Suhani Vithu Gauns	Gauns	A	A	A	A
13.	Dattaram Umesh Chari	Chari	A	A	A	A
14.	Disha D Parab	Parab	Parab	Parab	Parab	Parab
15.	Vishant R Borkar	Borkar	Borkar	Borkar	Borkar	Borkar
16.	Rani Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar	Bedadolakar
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	Tilvi	Tilvi	Tilvi	Tilvi	Tilvi
19.	Titiksha Pramod Naik	Naik	Naik	Naik	Naik	Naik
20.	Snehal U Shetgaonkar	Shetgaonkar	Shetgaonkar	Shetgaonkar	Shetgaonkar	Shetgaonkar
21.	Saiesha Gawas	A	A	A	A	A
22.	Mitali Manoj Shirodkar	A	Shirodkar	Shirodkar	Shirodkar	Shirodkar
23.	Saishma Dinesh Naik	Naik	Naik	Naik	Naik	Naik
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	Desai	Desai	Desai	Desai	Desai
26.	Riya Ritesh Pednekar	Pednekar	Pednekar	Pednekar	Pednekar	Pednekar
27.	Jason Victor Couto	Couto	Couto	Couto	Couto	Couto
28.	Siya Sitaram Gaonker	Gaonker	Gaonker	Gaonker	Gaonker	Gaonker
29.	Ryfka Rodrigues	Rodrigues	Rodrigues	Rodrigues	Rodrigues	Rodrigues
30.	Sejal Shriram Chopdekar	Chopdekar	Chopdekar	Chopdekar	Chopdekar	Chopdekar
31.	Rakshak R Kavlekar	Kavlekar	Kavlekar	Kavlekar	Kavlekar	Kavlekar
32.	Savita P Hosamani	Hosamani	Hosamani	Hosamani	Hosamani	Hosamani
33.	Destiny Dias	A	A	A	A	A
Name and Signature of the Resource Person		B.k. Alani	B.k. Alani	B.k. Alani	M.M. Gawas	M.M. Gawas

Present : 26

Absent : 07

M. M. Gawas

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: 26 Nov 2024

Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	Waingankar	Waingankar	Waingankar	Waingankar	Waingankar
2.	Rutuja K. Naik	RUTUJA	RUTUJA	RUTUJA	RUTUJA	RUTUJA
3.	Stelan Varella	Varella	Varella	Varella	Varella	Varella
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	A	A	A	A	A
6.	Mervin Philip Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	D Pinto	D Pinto	D Pinto	D Pinto	D Pinto
9.	Purva Mestri	P Mestri	P Mestri	P Mestri	P Mestri	P Mestri
10.	Saeed Prashant Thoravat	S Thoravat	S Thoravat	S Thoravat	S Thoravat	S Thoravat
11.	Devi Deepak Gawas	D Gawas	D Gawas	D Gawas	D Gawas	D Gawas
12.	Suhani Vithu Gauns	A	A	A	A	A
13.	Dattaram Umesh Chari	D Chari	D Chari	D Chari	D Chari	D Chari
14.	Disha D Parab	D Parab	D Parab	D Parab	D Parab	D Parab
15.	Vishant R Borkar	V Borkar	V Borkar	V Borkar	V Borkar	V Borkar
16.	Rani Bedadolakar	R Bedadolakar	R Bedadolakar	R Bedadolakar	R Bedadolakar	R Bedadolakar
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	A Tilvi	A Tilvi	A Tilvi	A Tilvi	A Tilvi
19.	Titiksha Pramod Naik	T Naik	T Naik	T Naik	T Naik	T Naik
20.	Snehal U Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar
21.	Saiesha Gawas	S Gawas	S Gawas	S Gawas	S Gawas	S Gawas
22.	Mitali Manoj Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar
23.	Saishma Dinesh Naik	S Naik	S Naik	S Naik	S Naik	S Naik
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	U Desai	U Desai	U Desai	U Desai	U Desai
26.	Riya Ritesh Pednekar	R Pednekar	R Pednekar	R Pednekar	R Pednekar	R Pednekar
27.	Jason Victor Couto	J Couto	J Couto	J Couto	J Couto	J Couto
28.	Siya Sitaram Gaonker	S Gaonker	S Gaonker	S Gaonker	S Gaonker	S Gaonker
29.	Ryfka Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues
30.	Sejal Shirram Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar
31.	Rakshak R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar
32.	Savita P Hosamani	S Hosamani	S Hosamani	S Hosamani	S Hosamani	S Hosamani
33.	Destiny Dias	A	A	A	A	A
Name and Signature of the Resource Person		Jessica	Jessica	Jessica	M	M
		Jessica Fernandes e	Pereira		Mahadev	Mahadev
					Gawas	Gawas

Present : 27

Absent : 06

Total : 33

(M) Gawas

(Mridini M. Gawas)

Attendance Sheet

Winter School on Computational and Applied Mathematics

Date: 27th Nov 2024


Place: Goa University

SN	Name	Lecture 1	Lecture 2	Lecture 3	Lecture 4	Lecture 5
1.	Kanak P. Waingankar	Kaigankar	Kaigankar	Kaigankar	Kaigankar	Kaigankar
2.	Rutuja K. Naik	RUTUJA	RUTUJA	RUTUJA	RUTUJA	RUTUJA
3.	Stelan Varella	Starella	Starella	Starella	Starella	Starella
4.	Rishikesh Chawan	A	A	A	A	A
5.	Navnath Avadhut Samant	A	A	A	A	A
6.	Mervin Philip Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes	M Fernandes
7.	Shreya Dilip Kolmule	A	A	A	A	A
8.	Daniel Pinto Abreo	D P Abreo	D P Abreo	D P Abreo	D P Abreo	D P Abreo
9.	Purva Mestri	P Mestri	P Mestri	P Mestri	P Mestri	P Mestri
10.	Saeed Prashant Thoravat	Thoravat	Thoravat	Thoravat	Thoravat	Thoravat
11.	Devi Deepak Gawas	D Gawas	D Gawas	D Gawas	D Gawas	D Gawas
12.	Suhani Vithu Gauns	S Gauns	S Gauns	S Gauns	S Gauns	S Gauns
13.	Dattaram Umesh Chari	D Chari	D Chari	D Chari	D Chari	D Chari
14.	Disha D Parab	D Parab	D Parab	D Parab	D Parab	D Parab
15.	Vishant R Borkar	V Borkar	V Borkar	V Borkar	V Borkar	V Borkar
16.	Rani Bedadolakar	A	A	A	A	A
17.	Roseann Silveira	A	A	A	A	A
18.	Anant Mahesh Tilvi	A	A	A	A	A
19.	Titiksha Pramod Naik	T Naik	T Naik	T Naik	T Naik	T Naik
20.	Snehal U Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar	S Shetgaonkar
21.	Saisha Gawas	S Gawas	S Gawas	S Gawas	S Gawas	S Gawas
22.	Mitali Manoj Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar	M Shirodkar
23.	Saishma Dinesh Naik	S Naik	S Naik	S Naik	S Naik	S Naik
24.	Vedika Parab	A	A	A	A	A
25.	Utkarsh Manikrao Desai	U Desai	U Desai	U Desai	U Desai	U Desai
26.	Riya Ritesh Pednekar	R Pednekar	R Pednekar	R Pednekar	R Pednekar	R Pednekar
27.	Jason Victor Couto	J Couto	J Couto	J Couto	J Couto	J Couto
28.	Siya Sitaram Gaonker	S Gaonker	S Gaonker	S Gaonker	S Gaonker	S Gaonker
29.	Ryfka Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues	R Rodrigues
30.	Sejal Shriram Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar	S Chopdekar
31.	Rakshak R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar	R Kavlekar
32.	Savita P Hosamani	S Hosamani	S Hosamani	S Hosamani	S Hosamani	S Hosamani
33.	Destiny Dias	A	A	A	A	A
Name and Signature of the Resource Person		M Gawas Midini M. Gawas	J Fernandes Jessica Fernandes	J Pereira Jessica Pereira	M Mahadeu Mahadeu Gauntes	M Mahadeu Mahadeu Gauntes

Present : 27

Absent : 06

Total : 33


 (Midini M. Gawas)

Feedback Form

28 responses

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Name of the student

28 responses

Saeer Prashant Thoravat

Disha Deepak Parab

Titiksha Naik

Vishant Ramchandra Borkar

MERVIN PHILIP FERNANDES

Jason Victor Couto

Devi Deepak Gawas

Rani Bedadolakar

Stelan Varella

Utkarsh Manikrao Desai

Daniel Pinto Abreo

Kanak Waingankar

Suhani Vithu Gauns

Snehal Upendra Shetgaonkar

Rakshak Ramchandra Kavlekar

Siya Gaonker

Navnath Avadhut Samant

Dattaram chari

Saiesha Gawas

Mitali Manoj Shirodkar



Rutuja Naik

Saishma D Naik

Sejal Shriram Chopdekar

Anant Mahesh Tilvi

Destiny Dias

Savita Hosamani

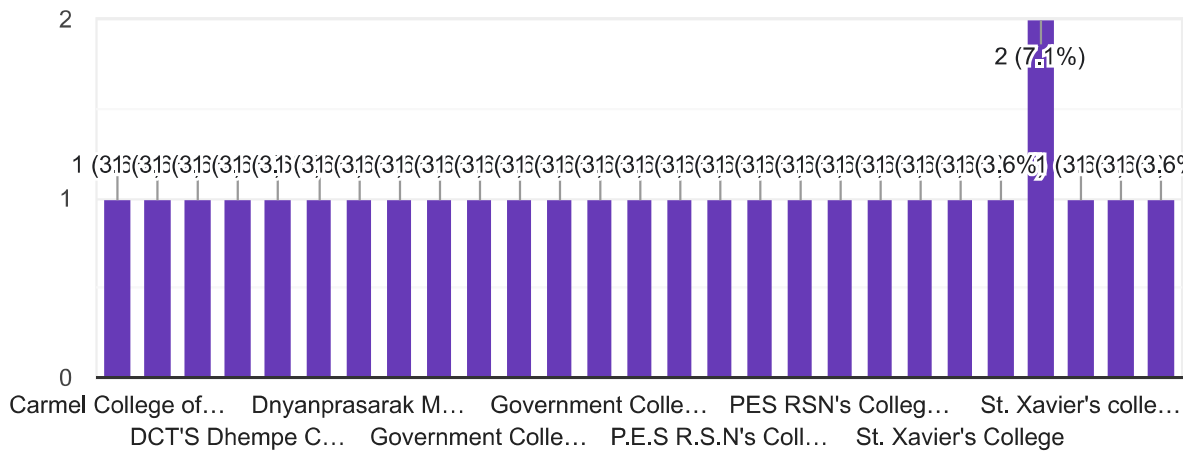
Ryfka Rodrigues

Riya Pednekar

Name of the College

 Copy

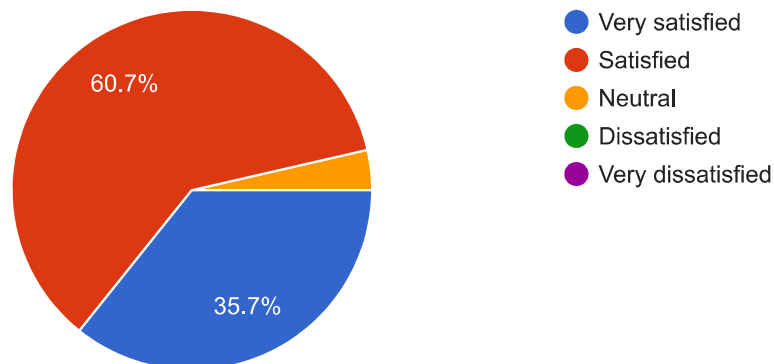
28 responses



Overall, how satisfied were you with the workshop?

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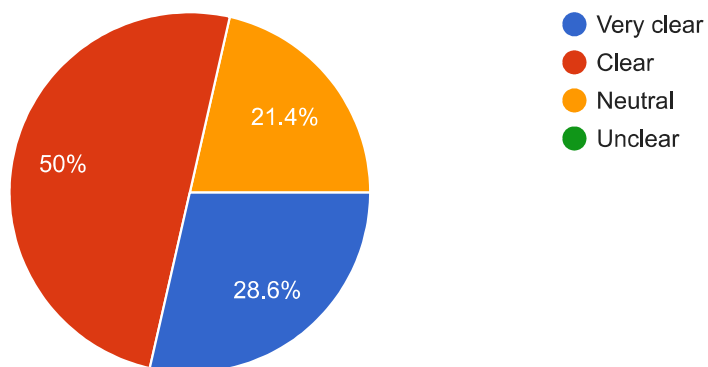
28 responses



How clear were the learning objectives of the workshop?

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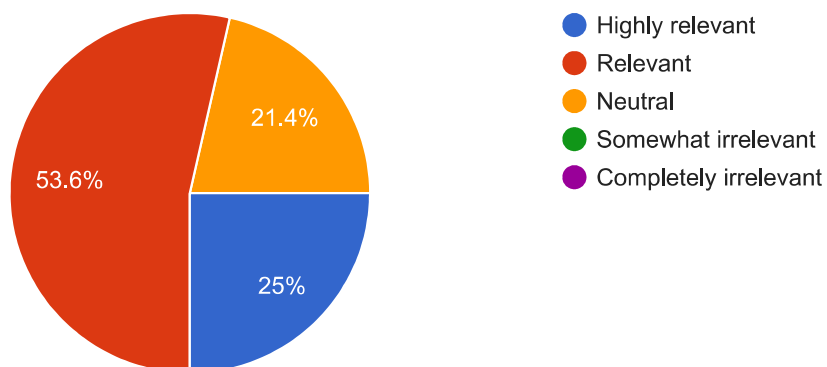
28 responses



How relevant was the content covered in the workshop to your current level of understanding?

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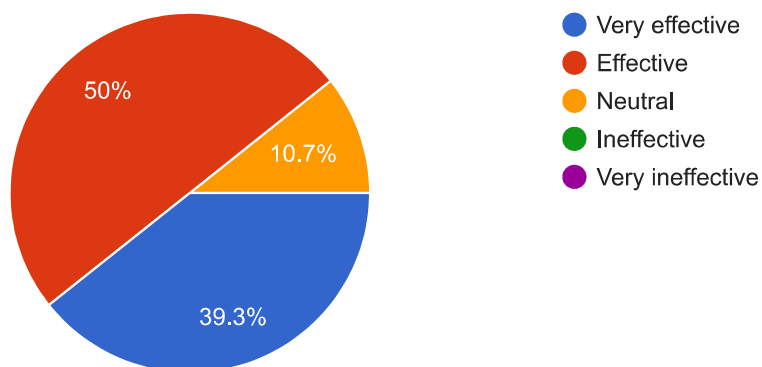
28 responses



How effective were the teaching methods used (e.g., examples, discussions, visual aids)?

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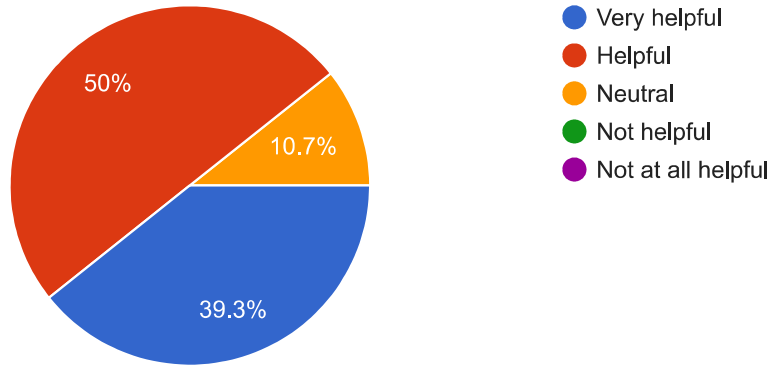
28 responses



Were the examples and problems discussed during the workshop helpful?

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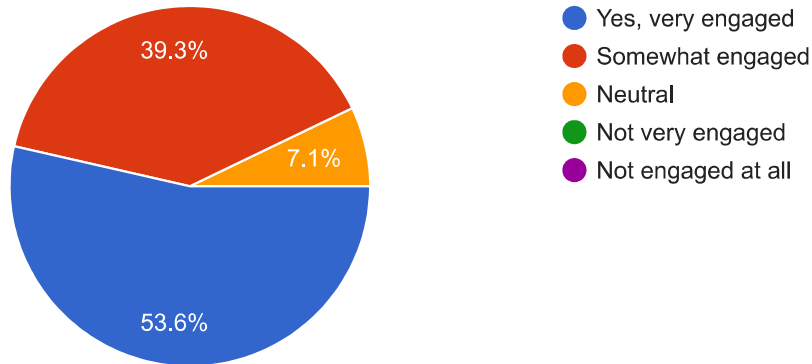
28 responses



Did you feel engaged and involved throughout the workshop?

 Copy

28 responses



What did you like most about the workshop?

28 responses

Topics covered

Teaching Technique

Graph theory, differentiable, computation of dy/dx and discussion on data, machine learning.

The dedication , enthusiasm the resources persons had and method of teaching which involved real life examples which were helpful .

Application of DE in various aspects, application of matrices, tea and lunch

.

Graph Theory, Application of Matrices and D.Es, Application of Mathematics in Data Science and the Food was very tasty.

The teaching skills were good.

The concepts covered and the way of teaching.

Applications

The sessions were very informative, interactive and interesting

The Mathematical Modelling sessions were the best sessions.

Teaching skills were superb

Professors and their way of teaching

Lecture explained me application of mathematics

Syllabus

The concepts were well explained with their applications

The concepts were well explained and it's application

Data science



Mahadev Gawas sir's lecture

Syllabus

Graph theory, differential equations, machine dynamics, computational

Introducing MATLAB

The lecturers were quite dedicated.

Application ,differential equations ,coding

Mathematical modeling, graph theory and that we were given examples and applications of what we were taught.

The food provided was very good.

The graph theory lectures were truly engaging, and the mathematical modeling sessions were incredibly fun! I learned so many new and fascinating concepts. I especially appreciated how Ma'am Aditi conducted experiments to clarify the topics—her approach made everything so much more comprehensible. Additionally, the lecture by Prof. Prahalad was exceptionally intriguing and thought-provoking. Overall, I had an amazing experience at the workshop!



Do you have any other suggestions or comments?

28 responses

No

It would be better if it was for some more days or atleast 11 or 15 days

Fun activities like games , quizzes, competitions can involved to make sessions more interesting.

no suggestions

.

Thank you very much to all the teachers who taught and explained the importance of Mathematics and it's applications in various fields. It really helped a lot.

No suggestions

All the arrangements made for us were very well planned and executed.It was really a great experience.

It was a fun learning experience

-

No suggestions.

Very informative enjoyed the sessions
Thankyou for the food and refreshments it was good

Thank you

The first year students found it quite hard to grasp initially. The timing of the workshop was too long. The workshop should have been scheduled during college working days.

NO suggestion

The duration of the workshop could be extended next time.

Perhaps extending the program duration would have made it even better! Additionally, incorporating group discussions and assigning group or individual projects, followed by



student presentations, could enhance the overall learning experience. Aside from that, everything else was excellent!

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