



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

At Shirgaon Post-Virar (E) 401305

NAAC "B++" Grade



HAS NEWSLETTER

DEPARTMENT OF HUMANITIES & APPLIED SCIENCES

★ **ACADEMIC YEAR 2024-2025** ★

PRISM

DIFFERENT PERSPECTIVES,
ONE VISION





VISION

VIVA Institute of Technology strives to impart total quality education by means of equipping students with knowledge and skills in their chosen stream, inculcating cultural and ethical values, identifying hidden talents, providing opportunities for students to realize their full potential and thus shape them into future leaders, entrepreneurs and above all good human beings.

MISSION

To develop the standard of the institute above benchmark level by providing students with advanced knowledge and latest technology in the chosen discipline by tapping their hidden and obvious potential, moulding them into good and responsible citizens by playing a meaningful role in industry and society.



MRS. MANJU MISHRA

(HOD HAS)



- First year Engineering serves as a crucial stepping stone for aspiring engineers, equipping them with essential skills to thrive in a rapidly evolving world while fostering their innate sensitivity. The department's innovative teaching methods enhance students' cognitive abilities and sharpen their analytical skills, preparing them for the challenges ahead.
- Recognizing the diverse backgrounds of their students, faculty members prioritize mentorship, creating a nurturing atmosphere where individuals can freely express their thoughts and aspirations, ensuring they feel at home even when away from their families
- Our faculty comprises highly qualified professionals with extensive academic backgrounds, dedicated to nurturing the next generation of engineers. The curriculum encompasses vital subjects that are essential for building a strong foundation and fostering the growth of aspiring engineers, preparing them for both current and future industry demands. With a dedicated and experienced staff.
- The department offers a comprehensive curriculum that, although lays a robust foundation for students to develop into capable engineers ready to tackle real world problems.

TABLE OF CONTENT

1

Profile of the Department

13

Parent Teacher Meeting & Expert talk

4

Faculty Enhancement

15

Canvas and soul

8

Academic Awards

18

Thank you

9

FE Orientation program

FROM THE EDITOR'S DESK...

Warm greetings to all our readers!

We are excited to present the latest edition of PRISM, the official newsletter of our First Year Engineering Department. Our commitment to providing a future-ready, high-quality education remains stronger than ever in this rapidly advancing world of engineering and technology.

As the pace of innovation accelerates, we believe that a strong technical foundation and continuous personal development are crucial for today's aspiring engineers. Our department is proud to be guided by a team of experienced and dedicated faculty members from a wide range of engineering and science disciplines.

Understanding the evolving needs of the younger generation, we place great emphasis on offering consistent academic support and counseling to help students grow—both professionally and personally.

The First Year Engineering Department is focused on shaping well-rounded individuals who are ready to take on tomorrow's challenges with confidence. We hope you find PRISM both informative and inspiring, and we always welcome your feedback and suggestions to help us make it even better.

"Imagination
is more
important than
knowledge. For
knowledge is
limited, whereas
imagination
embraces the
entire world."

— Albert
Einstein

PROFILE OF THE DEPARTMENT...

SR.NO	NAME OF THE SUBJECT	NAME OF THE TEACHER	EDUCATIONAL QUALIFICATION	EXP. IN YEARS
1	E. Physics	Dr. Ajazul Haque	PhD	23
2	E. Physics	Mr. Deepak Dubey	M.Sc. B.Ed.	16
3	E. Chemistry	Mrs. Manju Mishra (HOD)	M.Sc.	21
4	E. Chemistry	Dr. Shwetali Churi	Ph.D, Msc	19
5	E. Mathematics	Dr. Jayesh Jain	PhD.	24
6	E. Mathematics	Mrs. Shiksha Singh	M.Sc. B.Ed.	12

PROFILE OF THE DEPARTMENT...

SR.NO	NAME OF THE SUBJECT	NAME OF THE TEACHER	EDUCATIONAL QUALIFICATION	EXP. IN YEARS
7	E. Mathematics	Mr. Ramashankar Prajapati	M.Sc. M.Phil.	17
8	E. Mathematics	Mrs. Bhagyashree Netke	M.Sc. B.Ed.	14
9	CS/PCE	Dr. Trupti Patil	PhD	19
10	CS/PCE	Dr. Prashant Pawar	PhD	19
11	BEE	Mr. Pratik Parsewar	ME	15
12	BEE	Dr. Deepak Sajnekar	Ph.D.	25

SR.NO	NAME OF THE SUBJECT	NAME OF THE TEACHER	EDUCATIONAL QUALIFICATION	EXP. IN YEARS
13	EM/CP	Mr. Sushil Mishra	ME , PhD (persuing)	14
14	EM/EG	Mr. Vinit Raut	ME	12

FE FACULTY ENHANCEMENT...

SR. NO	Name of the Teacher	FDP	Refresher Course	Orientation/ Induction Course	STTP	WROKSHOPS	WEBINAR	MOOC/SWAYAM	TOTAL IN Academic Year 2023-24
1	Mrs. Manju Mishra	2	2	..	1	..	..	...	..
2	Dr. Ajazul Haque	...	..	..	1	..	..	..	..
3	Mr. Ramashankar Prajapati	...	..	1	1	..	..	2	..
4	Dr. Trupti Patil	...	..	1	1	..	..	..	..
5	Dr. Prashant Pawar	...	..	1	1	1	..	..	..
6	Dr. Shwetali Churi	1	1	..	1	..	..	..	..
7	Mrs. Bhagyashree Netke	...	..	1	1	..	..	..	..
8	Mrs. Shiksha Singh	...	..	1	1	..	..	..	..
9	Dr. Jayesh Jain	...	..	1	1	..	..	..	..
10	Mr. Deepak Dubey	...	..	1	1	..	..	..	..

FACULTY PAPER PUBLICATION...

Sr.No	Name of the faculty	Name of the journal / Conference Book / Chapters Published	Title of the paper	National / International
1	Dr. J. C. Jain	Tech-neo Publications	Applied Mathematics - I	National
2	Dr. Prashant Pawar	NCENRB 2025	Leadership Skills And Leadership Development: A Review	National
3	Dr. Prashant Pawar	NCENRB 2025	The Private Educational Institutes & Its Impact: A Review.	National
4	Dr. Trupti Patil	NCENRB 2025	The Private Educational Institutes & Its Impact: A Review.	National
5	Dr. Trupti Patil	NCENRB 2025	Leadership Skills And Leadership Development: A Review	National
6	Dr. Jayesh Jain	NCENRB 2025	Engineering and mathematics go hand-in-hand, transforming ideas into reality	National

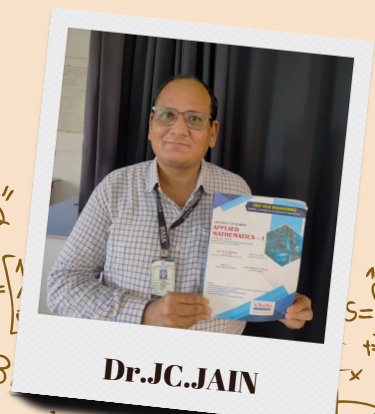
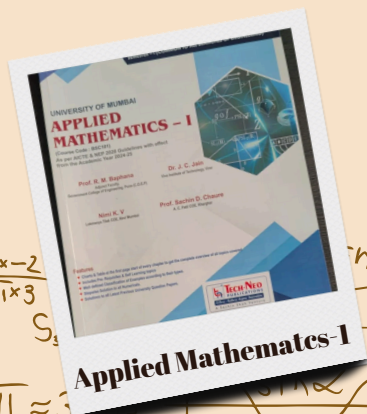
FACULTY PAPER PUBLICATION...

Sr. No	Name of the faculty	Name of the journal / Conference Book / Chapters Published	Title of the paper	National / International
7	Dr. Jayesh Jain	NCENRB 2025	The Matrix of Electrical and Computer Science (E&CE) Era: Mathematics Unleashed, From Formulas to Functionality	National
8	Bhagyashri S Netke	International Conference ICANSVME-24	LINEAR PROGRAMMING AND AGRICULTURE: A MATHEMATICAL APPROACH	International

Congratulations



Congratulations ! to Dr. J. C. Jain on the successful publication of their Mathematics book for First Year B.E. students with Techno Publications. Your dedication and expertise continue to inspire and guide future engineers. Thank you for your valuable contribution to education.



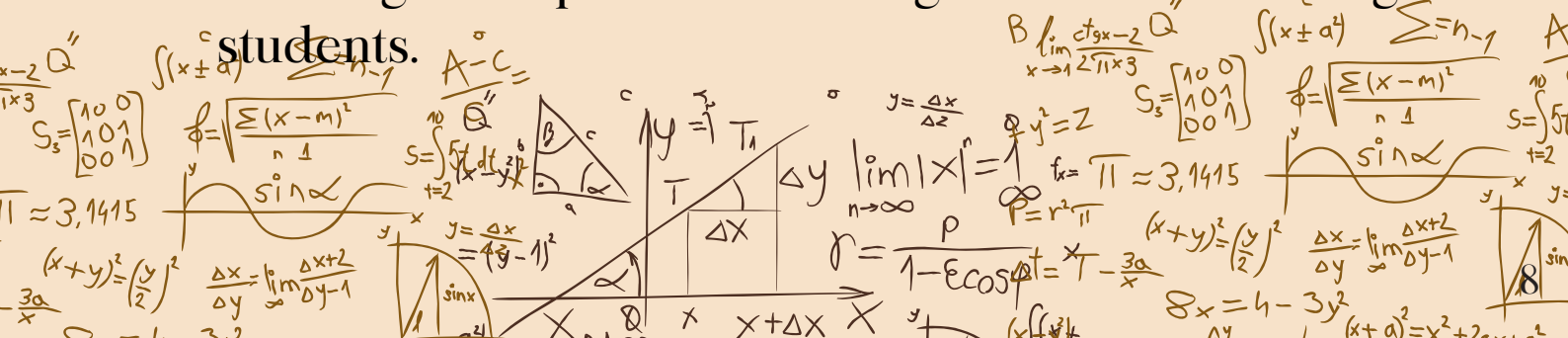
Congratulations



Mrs. Bhagyashree Netke

Paper Setter, Moderator & Examiner at University of Mumbai, M.Sc. Semester I (Mathematics: Ordinary Differential Equations), Academic Year 2024-2025.

With expertise in mathematical precision and academic integrity, she ensures examinations uphold the highest standards, fostering analytical thinking and problem-solving excellence among students.





ACADEMIC AWARDS FIRST YEAR ENGINEERING TOPPERS...

FIRST RANK



SECOND RANK



THIRD RANK



FIRST-YEAR STUDENTS ORIENTATION PROGRAM..



Orientation and Adaptation:

VIVA Institute of Technology, Virar, conducted a structured Induction Program for newly admitted First Year Engineering students (2024–2025) to help them transition smoothly into their academic life. The sessions included orientation, mentoring, diagnostic testing, and departmental familiarization, giving students a clear understanding of the institute's expectations and engineering career pathways.

Holistic Development and Support

To promote all-round growth, the program incorporated yoga, sports, cultural and literary activities, along with Universal Human Values sessions. Based on diagnostic test results, proficiency modules were arranged for academically weaker students. The program emphasized discipline, ethics, teamwork, and personal development, preparing students to start their engineering journey with confidence and clarity.



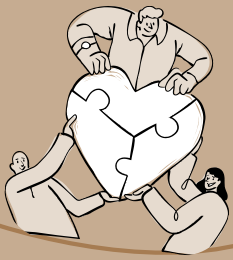
FIRST-YEAR STUDENT INDUCTION PROGRAM -CAMPUS TOUR



As part of the induction program, students were given a detailed introduction to the campus through a structured familiarization session. The heads of all departments provided insights into the infrastructure, academic facilities, and resources available within their respective departments, helping students understand the environment they will be learning in.

Following the briefing, mentors guided the students on a campus tour that included visits to key locations such as departmental labs, the library, canteen, gymkhana, and other important areas of the institute. This tour aimed to make students feel comfortable in their new surroundings and informed about the various facilities that support both academic and personal growth.





FIRST-YEAR STUDENT INDUCTION PROGRAM

-UNIVERSAL HUMAN VALUE (UHV) SESSION

As a vital part of the First-Year Engineering curriculum at VIVA Institute of Technology, the Universal Human Values (UHV) course was conducted to help students develop a deeper understanding of themselves and their relationships with others and society. The sessions, as prescribed by the University of Mumbai, focused on promoting harmony in life, ethical thinking, and sustainable living. Activities were designed to nurture core values like trust, respect, gratitude, and acceptance.



Engaging debates and thought-provoking acts addressing social issues like female foeticide, bribery, and women's rights allowed students to reflect critically and empathetically. These sessions helped students gain clarity in ethical decision-making, improve emotional well-being, and strengthen their personal and social bonds. By the end of the programme, many students showed noticeable improvements in self-awareness, responsibility, and a commitment to lifelong learning.

GUEST LECTURE



Guest lecture:
“where knowledge meets
new perspective.”



The Department of Humanities and Applied Sciences at VIVA Institute of Technology organized an engaging guest lecture for first-year engineering students on the topic “Time Management for Students: Strategies for Success.” Held on 19th March 2025, the session was conducted by Dr. Brijesh Joshi, Associate Professor at the institute, and focused on equipping students with practical tools to better manage their academic responsibilities.

Through an interactive format, Dr. Joshi addressed common challenges such as procrastination and introduced the concept of SMART goal-setting to help students plan effectively. The session emphasized the importance of balancing academic and personal life, making it both insightful and relatable. Students found the lecture highly beneficial, leaving with actionable strategies they could implement in their day-to-day routines for long-term academic success.

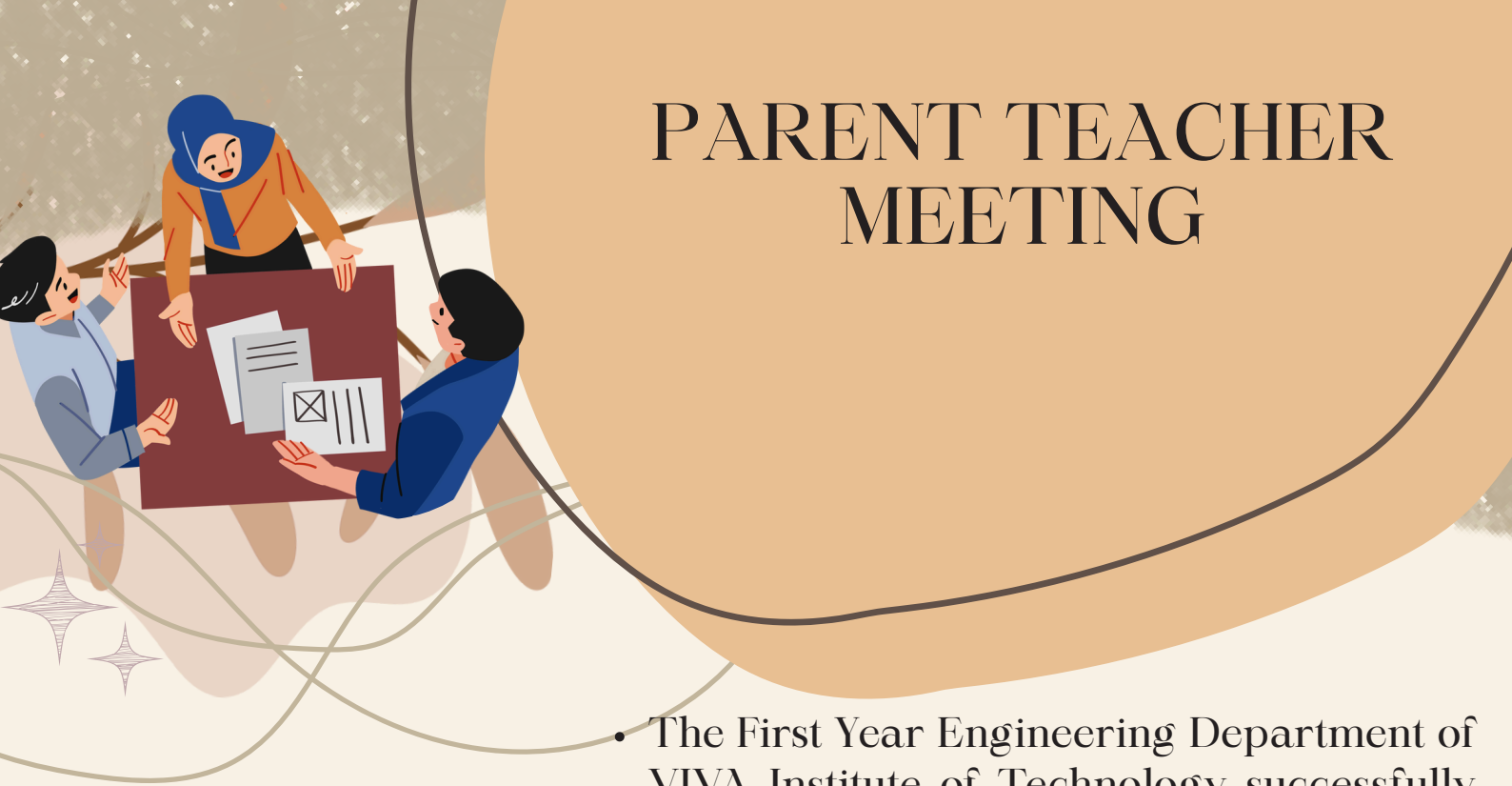
Expert Talk on Environment & Humanity



On 2nd April 2025, the Department of Humanities and Applied Sciences in collaboration with the Environmental Awareness Committee at VIVA Institute of Technology organized an expert talk titled “Natural Environment Protection & Humanity Development.” The guest speaker, Mrs. Aasiya Rizvi, National Lady Secretary of the NEPHD NGO, addressed 108 students and 7 faculty members.

She emphasized the link between human development and environmental issues, especially in the context of Virar and Maharashtra. The session highlighted the importance of sustainable development, personal responsibility, and practical actions to protect the environment. The talk was insightful and inspired attendees to adopt more eco-conscious habits.

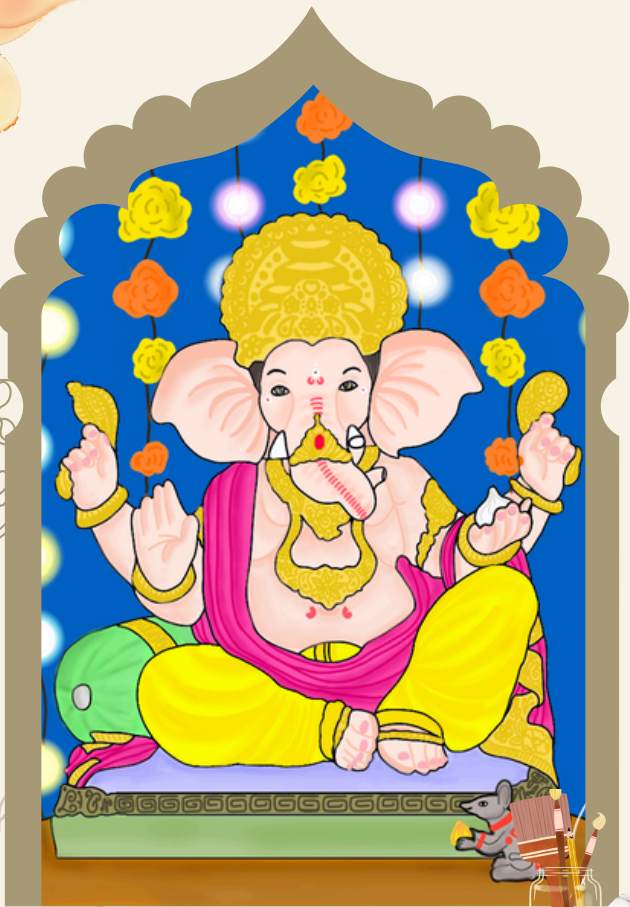
PARENT TEACHER MEETING



- The First Year Engineering Department of VIVA Institute of Technology successfully conducted two impactful Parent-Teacher Meetings during the academic year. The first meeting, held online on 5th November 2024 saw enthusiastic participation from 151 parents .
- During the session, class teachers and the HOD highlighted the importance of regular attendance, discipline, and academic performance. Individual student reports were discussed, and students needing support were guided with helpful suggestions to improve their progress.
- The second meeting, conducted on 21st March 2025 in a hybrid mode (offline & online) , engaged 60 parents. Maintaining the same objectives, faculty members once again interacted with parents to review student performance , offered constructive feedback and emphasized collaborative efforts in student development.
- Across both sessions, parents expressed positive feedback and shared their satisfaction with the teaching, administration , and support staff. Each meeting concluded with a heartfelt vote of thanks , strengthening the bond between the institution and its parent community.

"Canvas & Soul"

Showcasing our Artists



Swarali churi
(FE_A_CSE AI&ML)

Dhiraj Suthar
(FE_D_ECE)



"Canvas & Soul"

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Dhiraj Suthar
(FE_D_ECE)



Swarali churi
(FE_A_CSE AI&ML)



The Pillars of Our Purpose:

The committee members who turn ideas into impact, and dreams into direction.

List of committee members: ✦ ✦

1. Mrs. Manju Mishra (HOD)
2. Dr. Trupti Patil (Faculty Member)
3. Dr. Shwetali Churi (Faculty Member)
4. Mrs. Shiksha Singh (Faculty Member)
5. Suyash Vishwakarma (Student member)
6. Dhiraj Suthar (Student member)
7. Sadhvi Dwivedi (Student member)
8. Swarupa Manve (Student member)
9. Sanchitha Poojari (Student member)

2024 - 2025



<https://www.viva-technology.org>