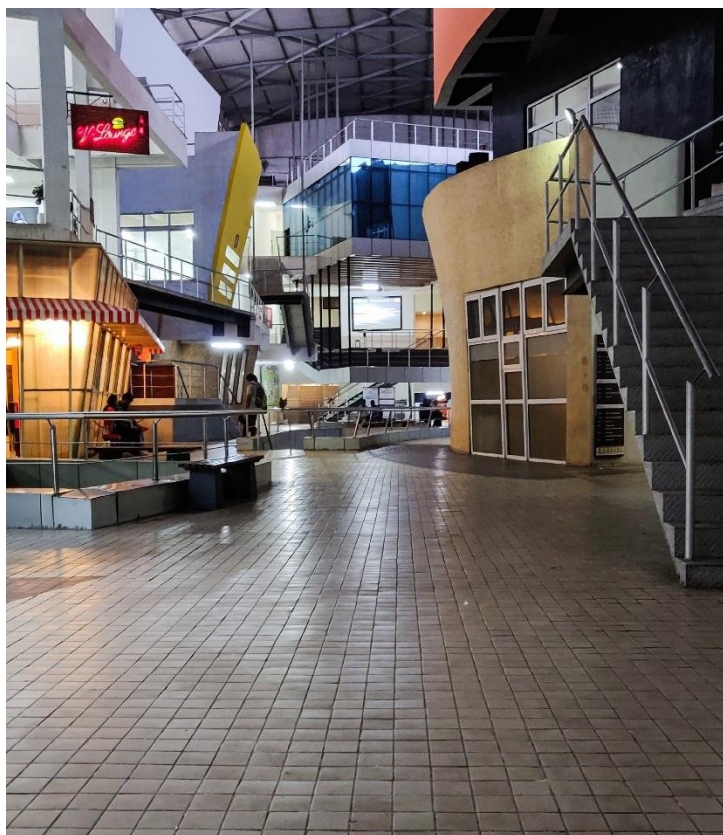




WHAT'S INSIDE

Departmental Events

Department Faculty

Dr. Ambadas Deshmukh
Dr. Micky Barua

Students' Speak

- Mrityika Chakraborty, FE CMPN
- Amey Bauchkar, FE EXCS
- Anushka Velankar, FE BIOM

- Departmental Activities
- Faculty Achievements

Dear Readers,

Excellence is not a destination we reach, but a journey we commit to every single day. At the Department of First Year Engineering, this belief shapes everything we do. Our mission is to create a learning environment where curiosity is sparked, critical thinking is nurtured, and every student is empowered to grow, both academically and personally. We go beyond traditional classrooms through activity-based learning, experiential pedagogy, industry-linked projects, and the integration of emerging technologies. These practices ensure our students build strong fundamentals while developing the skills needed for tomorrow's world. At the heart of our department is a team of dedicated faculty who lead by example. As lifelong learners themselves, they regularly engage in Faculty Development Programmes, certifications, research, and global academic exchanges. Their pursuit of knowledge translates into innovative teaching and richer classroom experiences for our students. We take pride in fostering a culture of mentorship, interdisciplinary collaboration, and research-driven thinking. Through diverse academic and co-curricular initiatives, we aim to make learning inclusive, meaningful, and future-ready. To every student who walks through our doors: your first year is more than a foundation. It is the start of a mindset. One that embraces challenges, values innovation, and never stops learning. "Excellence is achieved when learning never stops, innovation never settles, and every challenge becomes an opportunity to grow."



Dr. Uday Kashid

IN-CHARGE, FIRST YEAR ENGINEERING



“Recognizing achievements, motivating dreams.”



IDEATHON:

Sustain-a-Thon: Roadmap to Carbon Neutral Campus

The **State Level IDEATHON 5.0 - Sustain-a-Thon: Roadmap to Carbon Neutral Campus** was organized on 6 April 2026 at the Vidyalankar Educational Campus, Mumbai, by the Department of First-Year Engineering, Vidyalankar Institute of Technology (VIT) in collaboration with Vidyalankar School of Information Technology (VSIT) and Vidyalankar. The event brought together interdisciplinary student teams from higher and technical educational institutes to develop innovative, technology-driven solutions for sustainability and carbon-neutral campuses through presentations, expert interaction, and collaborative problem-solving. **Dishita Sachin Dodave** won the **First Prize (₹10,000)**, **Mahika Rajesh Rawool** secured the **Second Prize (₹7,000)**, and **Jeet Ruia** received the **Third Prize (₹5,000)**. The event enhanced students' critical thinking, teamwork, and



Department Staff



Dr. Ambadas Deshmukh

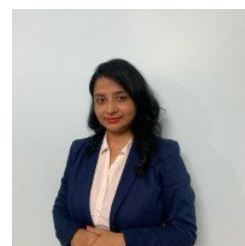
ASSISTANT PROFESSOR
EDUCATION QUALIFICATION:
Ph.D. Mathematics
M.Sc. B.Ed.

Specialization: Special Functions Theory, Boundary Value Problem.

Dr. Micky Barua

ASSISTANT PROFESSOR
EDUCATION QUALIFICATION:
Ph.D. English Literature
A1 Certification in German Language

Specialization: Linguistic, Business Communication, Critical Theory



Student's Speak

Mrittika Chakraborty, FE Computer Engineering

My journey through the first year at VIT has been one of constant discovery and growth. The first two months were genuinely challenging, adapting to a new system, warming up to classmates and teachers, and finding my rhythm in an unfamiliar environment was a bit difficult but I found my footing quickly, and what followed has been deeply rewarding. VIT's vibrant ecosystem of clubs, councils, and sports opportunities ranging from badminton and chess to football and carrom made the transition far more enjoyable than I anticipated. Academically, the well-structured curriculum and approachable faculty made every subject engaging and digestible. I was elected Class Representative through a two-round interview process and subsequently joined the Tech Council, which broadened my perspective significantly through professionally organized workshops and interactions with industry experts across various fields. Outside the classroom, I participated in a national hackathon where our team ranked 8th among the top 50 selected teams. apart from that I made some Hands-on projects throughout the year, including movement-detecting alarm systems, a cyclotron model, a metal detector, and a campus-wide network security analysis which gave me practical exposure that complemented my academic learning tremendously. I'm deeply grateful for the remarkable network of teachers and friends I've found here, and I genuinely hope to give something equally valuable back to this college in the years



Amey Bauchkar, FE Electronics & Computer Science



Joining Vidyalankar Institute of Technology marked the beginning of an enriching journey of learning and exploration. Right from the very first day, the welcoming environment, supportive faculty members, and helpful seniors made me feel at home. The college has been instrumental in providing me with numerous opportunities to explore beyond academics through workshops, technical events, hackathons, project exhibitions, and various student-led initiatives. These experiences encouraged me to think creatively, apply classroom knowledge to real-world situations, and build innovative projects that strengthened both my technical and practical skills. Being surrounded by talented peers taught me the value of collaboration and teamwork, while every experience helped me become more confident and adaptable. Most importantly, the vibrant VIT community continuously inspires students to learn, innovate, and grow together. Being a part of such a community has not only helped me grow as an engineering student but has also shaped me into a responsible and confident individual, ready to take on new challenges. Looking ahead, I am excited to continue learning, build innovative projects, and make meaningful contributions to the VIT community.

Anushka Velankar, FE Biomedical Engineering

My journey through Semesters I and II at VIT has been an exciting and rewarding experience. Entering college was both exciting and challenging, but the welcoming environment and supportive faculty helped me adapt quickly. I had the opportunity to learn beyond textbooks through practical sessions, technical events, workshops, and team-based projects, which enhanced my knowledge and confidence. Participating in various extracurricular activities allowed me to develop communication, teamwork, and leadership skills while creating unforgettable memories with friends. Spending time with friends at the DEN between lectures and after classes added a perfect balance to academics, creating some of my most cherished college memories. Every challenge encouraged me to grow, become more disciplined, and manage my time effectively. The guidance from professors and the vibrant campus atmosphere made learning enjoyable and inspiring. Looking back, these two semesters have laid a strong foundation for both my academic and personal growth, making my first year at VIT a truly memorable chapter of my life.



Departmental Activities

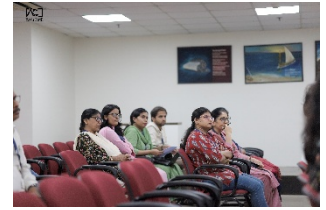
Faculty

Development

Program

Faculty Development Program on AI-Integrated Learner-Centric Pedagogies for Higher Education Faculty

The First Year Engineering Department successfully organized a five-day Faculty Development Program (FDP) on "AI-Integrated Learner-Centric Pedagogies for Higher Education Faculty" from 8-12 June 2026. The program featured insightful sessions by eminent experts including Dr. Sanjay Jagtap, Mr. Rajiv Dabhadkar, Dr. Saurabh Mehta, Dr. Prakash Parmar, Dr. Mandar Bhanushe, Mr. Chetan Nerkar, Dr. Anita Diwakar, Mr. Debabrata Mukherjee, Dr. Prashant Lokhande, Prof. Meenakshi Nandula, Dr. Sangeeta Joshi, Dr. Mrudul Nile, Dr. Amit Oak, Dr. Amiya Bhowmick, and Dr. Prashant Ambadekar. The sessions covered AI-enabled teaching, learner-centric pedagogies, cyber security, Outcome-Based Education (OBE), research methodologies, and future-ready educational practices, empowering faculty members with practical strategies to integrate technology and innovation into higher education.



The First Year Engineering Department at Vidyalankar Institute of Technology successfully organized the **Shreemad Bhagwad Geeta Adhyaya Pathan Competition under the Indian Knowledge System (IKS)** initiative for first-year engineering students. The event encouraged participants to recite an entire chapter of the Bhagavad Gita, promoting Sanskrit pronunciation, confidence, discipline, and an appreciation for India's rich cultural heritage. Through enthusiastic participation and inspiring performances, the competition highlighted the relevance of value-based education while fostering students' intellectual, spiritual, and personal growth.



Faculty Achievements

1. Dr. Micky Barua co-authored a book titled "Particles of Consciousness: A Journey Through Life, Mind and the Universe". The ISBN No is 978-93-49196-51-3 and the year of Publication is 2026
Link of the book: <https://www.flipkart.com/product/p/itme?pid=9789349196513>

Dr. Micky Barua successfully cleared the A1 certification in the German Language from the University of Mumbai with 82% in written examination.

Dr. Micky Barua has published a research paper entitled "Mapping Fictional Cities: A Digital Humanities Approach to Kalkatta" in the International Journal of Advances in Engineering and Management (IJAEM) Volume 8, Issue 4 April. 2026, pp:174-178 www.ijaem.net ISSN:2395-5252

2. Prof. Srushti Bhavsar has successfully published her research paper titled "Evaluating Student Engagement in Engineering Education: A Comparative Study of Exam-Based Vs. Activity-Based Pedagogies" in the International Journal of All Research Education & Scientific Methods Impact Factor: 9.175, Volume 14 Issue 6, June-2026.

Prof. Srushti Bhavsar successfully completed a Five-Day National Level Faculty Development Program on Research Paper Writing and Presentation.

Prof. Srushti Bhavsar, Assistant Professor at Vidyalankar Institute of Technology, successfully completed the One-Week Faculty Development Programme on "From Algorithm to Intelligence: Mathematics as a Spine of AI and ML" organized by JSPM University, Pune, from 18-22 May 2026.

Editor: Prof. Aarti Koduri