



DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE (Formerly known as Electronics Engineering Department)

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Vision of the Department:

To be recognized as a center of excellence in the field of Electronics Engineering where learners are nurtured in a scholarly environment to evolve into competent professionals to benefit society

Mission of the Department:

- Evolve a curriculum which emphasizes on strong engineering fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in Electronics Engineering.
- Encourage a teaching-learning process in which highly competent faculty share a symbiotic association with the institutes of repute.
- Facilitate creation and dissemination of Electronics engineering knowledge through a digitally-enabled learning environment.
- Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.
- Establish a center of excellence to enhance academia – Electronics industry partnership and work on collaborative projects for benefit of society.

Programme Educational Objectives

- PEO1. To enable the students to apply Electronics Engineering knowledge to design technically sound systems, adapt to new technologies through lifelong learning and excel in their career
- PEO2. To inculcate research and development ability and enable the students to analyze real life problems in diverse domains to become entrepreneurs
- PEO3. To make the students understand human, social, ethical and environmental context of their profession and contribute positively to the needs of individuals and society

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HEAD OF DEPARTMENT, ELECTRONICS AND COMPUTER SCIENCE

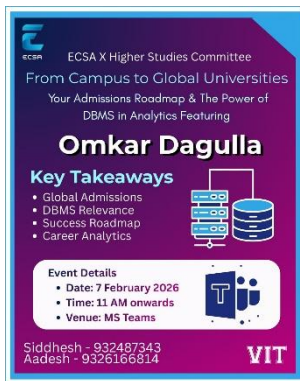
This semester has been both dynamic and productive for the Department of Electronics and Computer Science, marking significant academic and co-curricular progress. Throughout this term, the department has remained focused on strengthening core academic delivery while actively encouraging innovation, research orientation, and industry engagement among students. Various activities such as project reviews, technical events, and preparatory initiatives for competitions like Tantravihar have witnessed enthusiastic participation. Faculty members have continued to contribute through academic planning, mentoring, and quality assurance processes. As we approach the end of the semester, the department remains committed to fostering a culture of integrity, excellence, and continuous improvement, ensuring that our students are well-prepared for both academic success and professional challenges ahead.

"Success comes from consistent effort, curiosity, and the courage to innovate beyond the classroom."



“ Education is not the learning of facts, but the training of the mind to think.-Swami Vivekanand ”

ECSA Activities:



The event was conducted on February 7, 2026

Objectives

- To guide students on the process of applying to global universities for higher studies.
- To help participants understand the importance and practical relevance of DBMS in analytics and data-driven careers.
- To provide a clear roadmap for planning higher education, including preparation strategies and skill development.
- To share real-world experiences and advice from seniors and professionals pursuing careers in technology and analytics.
- To motivate students to make informed academic and career decisions for their future



The event was conducted on March 30, 2026

Objectives

- To sensitize participants to real-world social, environmental, and humanitarian challenges and encourage solution-oriented thinking. To promote innovation and design thinking, enabling participants to ideate impactful solutions using technology and creativity. To foster collaborative problem-solving skills by engaging students in team-based ideation and discussion. To develop critical thinking and empathy, focusing on user-centric and sustainable solutions for society. To enhance presentation and pitching skills by encouraging participants to clearly articulate their ideas and impact..



The event was conducted on March 31, 2026

Objectives

- To enhance creative thinking among participants by challenging them to design an engaging advertisement using a randomly assigned object. To develop storytelling skills through concise visual narratives within a limited time frame. To introduce participants to the fundamentals of advertising, including branding, messaging, and audience engagement. To encourage teamwork and time management, as participants plan, shoot, and edit their reels within 60 minutes. To improve practical media skills related to video shooting, framing, and basic editing techniques.

“

Learning is not attained by chance; it must be sought for with ardor and diligence.” – Abigail Adams.

”

Student's Speak

Aryan Dixit TE EXCS B



Greetings Everyone,

Greetings everyone, this is Aryan Dikshit.

I am currently pursuing my third year in Electronics and Computer Science at Vidyalankar Institute of Technology (VIT), and I am delighted to share my journey so far. My experience at VIT has been both enriching and inspiring, offering me the right balance of academic excellence, practical exposure, and personal growth.

Being a Direct Second Year student, I initially anticipated challenges while adapting to a new academic environment, curriculum pace, and expectations. However, the transition turned out to be much smoother than I had imagined. The faculty members were extremely supportive and ensured that we were comfortable with the subjects by arranging additional lectures and guidance sessions to cover important concepts from the previous year. Their continuous encouragement and willingness to help made it easier for me to adapt quickly and stay confident throughout the learning process.

One of the most valuable opportunities provided by VIT was the 4-credit transfer course, through which I had the privilege of visiting L&T Skill Trainers Academy. During this program, I gained hands-on experience in web development using Django, which gave me exposure to real-world development practices and industry-level problem-solving approaches. Learning in such a professional environment not only enhanced my technical knowledge but also gave me clarity about how theoretical concepts are applied in practical scenarios.

The institute consistently motivates students to step beyond academics by participating in hackathons, competitions, workshops, and fellowship programs. These opportunities allow us to explore innovation, teamwork, and creativity while developing solutions for real-world problems.

The faculty members actively guide and mentor students during these activities, ensuring that we receive the right direction and encouragement to perform at our best.

Apart from academics, I am also a part of the Technical Core Team of ECSA (Electronics and Computer Science Association). Being involved in the technical team has been an incredible learning experience, as it has given me exposure to the planning and execution of various technical events. It has allowed me to interact with industry professionals, understand how large-scale events are managed, and develop skills such as coordination, communication, and problem-solving. These experiences have helped me grow not only as a student but also as an individual preparing for professional responsibilities.

VIT also provides excellent laboratory facilities equipped with advanced infrastructure and licensed software tools that enhance the overall learning experience. Access to such cutting-edge resources enables us to experiment, innovate, and implement our ideas effectively. Working with industry-relevant tools helps us build confidence and prepares us to meet professional standards in the future.

Overall, my journey at VIT so far has been extremely rewarding. The combination of supportive faculty, practical exposure, modern infrastructure, and opportunities for holistic development has helped me strengthen my technical foundation and broaden my perspective. I am grateful for the constant guidance and encouragement provided by the institute, and I look forward to learning more, contributing actively, and making the most of every opportunity that comes my way.

I am excited to continue this journey of learning and growth, and I am confident that the experiences gained here will help shape a strong and successful future.

“ Nobody is bothered about an institution more than its alumni-N. R. Narayana Murthy. ”

Know an Alumnus

Name-Vishesh Sharma BE
Tenure: 2021-2025



In the words of Swami Vivekananda, “Arise, awake, and stop not till the goal is reached.” This belief has guided me throughout my journey at Vidyalankar Institute of Technology (VIT).

I would like to introduce myself as Vishesh Sharma and I pursued my Bachelor's degree in Electronics Engineering with Honours in Artificial Intelligence and Machine Learning. When I began my engineering journey, I was driven by curiosity but lacked complete clarity about my path. Over a period of time, VIT provided me with the right environment to explore my interests and build a strong foundation for my future.

The academic structure at VIT effectively combines theoretical learning with practical application. Exposure to emerging fields like AI & ML, along with core electronics subjects, helped me develop a well-rounded technical perspective aligned with industry needs.

During my time at VIT, I worked on multiple projects across web development, machine learning, and embedded systems, which enabled me to apply concepts to solve the real-world problems. I also gained valuable industry exposure through internships, which helped me strengthen both my technical and professional skills.

I am fortunate to have received an offer from Tata Consultancy Services (TCS), marking an important milestone in my journey.

Beyond academics, I actively participated in workshops and webinars on Blockchain, Robotic Process Automation (RPA) and Machine Learning. Besides, I was involved in departmental events like ElectroSpark, which encouraged innovation and teamwork.

What truly sets VIT apart is its supportive faculty and growth-oriented environment. The constant mentorship and encouragement from professors played a significant role in shaping my confidence and problem-solving mindset.

My journey at VIT has taught me that engineering is not just about acquiring knowledge, but

about developing the ability to think critically, adapt, and continuously learn.

To all students, my advice is simple: explore beyond the syllabus, take initiative and make the most of every opportunity. The effort you invest today will define your future.

I will always take pride in being a part of this institution—a proud VITian..

“ Money is a good servant but a bad master.” Francis Bacon. ”

Fintech Activities

Bidblaze



The event was conducted on March 30, 2026

Objectives

- Quantitative Skill Application: To challenge participants to use complex mathematical formulas for real-time asset valuation.
- Strategic Resource Management: To simulate high-pressure budgeting and capital allocation within a competitive auction environment.
- Data-Driven Decision Making: To emphasize the importance of calculating internal metrics rather than relying on pre-disclosed data.
- Market Simulation: To replicate the volatility of a professional sports auction, requiring quick adaptation to shifting player prices.

Scam Tank



The event was conducted on October 10, 2025

Objectives

- To build awareness about common financial scams by exposing their tactics, red flags, and psychological tricks in an engaging, interactive format.
- To develop critical thinking and decision-making skills by challenging participants to analyze, question, and evaluate pitches under pressure.
- To promote financial literacy and ethical judgment by distinguishing between legitimate business ideas and fraudulent or misleading ones.
- To encourage informed and cautious financial behavior by equipping participants with practical knowledge they can apply in real-life situations.

DEPARTMENT STAFF



Dr. Uma Jaishankar
ASSOCIATE PROFESSOR

EDUCATION QUALIFICATION:
PhD

WORKING EXPERIENCE
Teaching Experience: 25 Years

AREA OF SPECIALIZATION:
BEE, Instrumentation, AI

Prof. Nisy Mathew
ASSISTANT PROFESSOR

EDUCATION QUALIFICATION:
ME

WORKING EXPERIENCE
Teaching Experience: 15 Years

AREA OF SPECIALIZATION:
BEE, EDC, ADC



“Everybody should learn to program a computer, because it teaches you how to think.” — Steve Jobs ”

Department updates

Faculty Achievements

Dr. Arun Chavan

Successfully attended the following workshops organized by BVICAM, New Delhi.

- Winning with AI & LinkedIn on January,03, 2026
- AI for Explainability in the LLM era on January 10, 2026
- Beyond Spatial Audio: A Vision for the Future of Human Connection Through Immersive Calling on January 17, 2026
- Small Models - Big Impact! on February 07, 2026
- Role of AI in 6G Networks on February 14, 2026
- How AI is Powering Customer Experience? on February 28, 2026
- AI in Cybersecurity on March 14, 2026
- Faster Research: Learn any Topic in 30 Minutes using AI on March 21, 2026

Prof. Akhil Masurkar

- A copyright has been registered for the work titled "Performance Improvement of 16-bit RISC Processor using Vedic Multiplier and High Speed Adders"
- **Prof. Uma Jaishankar**

As a resource person in western region council Indian council of social science research WRC ICSSR sponsored 10 days capacity building program on AI foundation for educators from January 27 to February 6 2026

Prof. Anuradha Joshi

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Harshad and Anushree BE students of EXCS successfully conducted a two-day hands-on Robotics Workshop at PCCOE Pune during their Nexus Techfest, with participation from over 100 students. The workshop focused on Bluetooth-controlled robot cars, embedded systems, and microcontrollers, and concluded with an exciting robot race using the bots built by the participants. The initiative received outstanding feedback and special appreciation for its technical depth and engaging delivery from the participants as well as specially from the college faculty members

“ If you can laugh together, you can work together.” — Robert Orben.



Department of EXCS has signed an MoU with People Helping Hands Foundation(PHHP) on February 17, 2026



“Dream it. Design it. Display it.”



Akshay S. Mhatre
Invites you to CIIA-5 2026

Creative Ideas & Innovations in Action

PROJECT EXHIBITION

Stall No. 07 5th & 6th Feb, 10:30 AM - 6:30 PM
7th Feb, 10:30 AM - 1:00 PM



Nehru Science Centre,
Dr. E. Moses Road, Worli,
Mumbai - 400 018
Aqua Metro Station: Science
Centre

- Top 100 Best Projects from 656 Applications
- **Domains:** Engineering, Medical/Pharma, Startups & Jugaad/Professional Innovators
- Meet & Greet with Innovators




REGISTRATION IS MANDATORY FOR FREE ENTRY

+91 9987705584 | Akshay S. Mhatre | mhatreakshays.com

Akshay Mhatre had an opportunity to showcase the product at the CiiA-5 Innovations Exhibition on 5th-7th February 2026 Stall No. 07, Nehru Science Centre, Worli, Mumbai.

CiiA-5 is a national-level innovation exhibition featuring the Top 100 selected projects from across India, including students, startups, and professionals.

UPCOMING EVENTS

ECSA Activities

- AI AGENT workshop: 2nd week, April 2026

Fintech Activities

- The Essentials of Entrepreneurship and Fundraising by Mr. Vishal Chaudhari 2nd week, April 2026

IEEE Activities

- Core Interviews : 2nd week, April 2026

“Take up one idea. Make that one idea your life – think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success. “Swami Vivekananda””

THE
EDITORIAL TEAM

PROF. AMAYA PETHE

Chief Editor