



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

Dr. Arun Chavan

HEAD OF DEPARTMENT, ELECTRONICS AND COMPUTER SCIENCE

Hello Everyone,

As we prepare to embark on a new semester, I extend a warm welcome to all our students, faculty, and staff. The Department of Electronics and Computer Science continues to grow as a vibrant hub of innovation, learning, and collaboration. This semester, we are excited to introduce new academic initiatives, research opportunities, and industry partnerships aimed at enriching the educational experience. I encourage everyone to embrace the challenges ahead with enthusiasm and a spirit of curiosity. Let us continue to work together in building a dynamic environment that fosters technical excellence and holistic development. "Great things never come from comfort zones"

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 - Dr. Akhil Masurkar
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Faculty Achievements



“ The scientist discovers a new type of material or energy, and the engineer discovers a new use for it-Gordon Lindsay Glegg ”

ECSA Activities: Tech Talk



The activity was conducted on 29th March 2025 by Ms. Preeti Muley
Mr. Abhishek Kushnour with following objectives

- To inspire students by connecting them with industry leaders who have successfully applied technology in real-world scenarios.
- To provide insights into emerging technologies such as AI, machine learning, and data analytics, and their impact on modern industries.
- To bridge the gap between academic knowledge and practical applications in the fields of engineering and computer science.
- To encourage innovation and learning by sharing personal career journeys, challenges, and success stories of accomplished professionals.

“ Good design is obvious. Great design is transparent.” – Joe Sparano.”

Student's Speak

Advesh Tambat

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As a proud member of the EXCS department at Vidyalankar Institute of Technology, I, Advesh Tambat, am delighted to share with you the vibrant experiences and achievements that continue to shape our academic journey.

Under the inspiring leadership of our Head of Department, Dr. Arun Chavan, and the constant support of our Department Academic Officer, Ms. Uma Jaishankar, we have fostered an environment where innovation, skill-building, and social responsibility go hand-in-hand. Special appreciation goes to Ms. Akshata Bhat, our Academic Coordinator, whose motivation and support have helped every student reach new heights.

This year, we were thrilled to participate in the Credit Exchange Program at CDAC Juhu, where we explored the domain of Cloud Computing. This course not only enhanced our theoretical knowledge but also provided hands-on training in Google Cloud Platform (GCP), Microsoft Azure, Linux OS, and Database Management Systems. These practical experiences were invaluable in preparing us for the ever-evolving world of technology.

Our department has also been buzzing with enriching events and creative platforms:

- Cybrotopia – Project Showcase, where students demonstrated innovative tech-driven solutions.

- Imaginarium – AI Art Showcase, highlighting the fusion of technology and artistic expression.

- Our flagship event, Electro Spark, included exciting segments like Artronics, Pitchers (a Shark Tank-style pitching event), and poster competitions—providing a perfect mix of fun, learning, and innovation.

Engaging in mini-projects from the very first Beyond academics and creativity, we were actively involved in SEVA SAHAYOG, a Social Service Internship. Through this initiative, we undertook beach cleaning drives, engaged in rural innovation projects, and participated in environmental awareness campaigns. It helped us reconnect with society and use our skills for a greater cause—building sustainable and cleaner communities.

Each of these initiatives has played a significant role in shaping us into not just better engineers, but responsible citizens.

As we look forward, our department remains committed to nurturing talent, building skills, and driving innovation. We are proud of what we've accomplished and even more excited about the future that lies ahead.

Thank you for being a part of this inspiring journey.

“Engineering is the closest thing to magic that exists in the world.” – Elon Musk”

Know an Alumnus

Name-Tejal Jaiswal
BE Tenure: 2021-25



It's honestly hard to believe that this chapter of my life is coming to an end. Standing here today, I feel grateful for the journey I've had at Vidyalankar Institute of Technology — a journey filled with learning, growth, and memories I'll carry with me forever.

When I first joined VIT, I thought it would just be about books, projects, and exams. But this college gave me so much more. VIT gave me a space to explore who I am, to make mistakes, to learn, and to rise stronger. It gave me incredible opportunities — from participating in cultural fests, technical events, and sports, to being part of clubs that helped me build confidence and new skills. These experiences didn't just make me a better student; they helped shape me as a person.

I feel lucky that during these years, I got to work with and learn from brilliant teachers who always encouraged us to go beyond the classroom.

Their guidance and patience made all the difference, whether it was tackling tough subjects or figuring out life in general.

And of course, the friendships — I can't talk about my time at VIT without mentioning them. I made friends here who became like family. I feel lucky to have met people here who not only supported me but also brought so much joy into my life. I'm truly grateful for the friends I made — some are still by my side, and some have taken different paths — but the memories we created together will always stay close to my heart. I wish each of them all the success and happiness in their future.

To all my juniors, I just want to say — grab every opportunity VIT offers you. Take part in fests, competitions, workshops — all of it. Don't just chase marks; build memories, take risks, and make the most of these years. Because one day, like me, you'll look back and realize that these moments made your college life truly special.

“ As engineers, we were going to be in a position to change the world – not just study it.”
 —Henry Petroski, ”

Fintech Committee Activity



Placement Talks with Recruiters was conducted on 3rd April 2025, with the objectives

- Provide clarity on current placement trends and industry expectations
- Highlight in-demand skills and emerging job roles in the Fintech and IT sectors
- Share real-world experiences and tips for cracking interviews and recruitment processes
- Encourage networking and career guidance through expert interaction



Student Loan Insights was conducted on 27th March 2025. Its objectives were:

- Apex Consultants introduced the study abroad options for students for masters
- Yes Bank executives introduced the students with loan options and formalities
- Event concluded with interesting questions from the students' side

DEPARTMENT STAFF

Dr. Sangeeta JOSHI
 PROFESSOR



EDUCATION QUALIFICATION:
 PhD

WORKING EXPERIENCE
 Teaching Experience: 33Years

AREA OF SPECIALIZATION:
 VLSI,, Embedded Systems

Prof.Akhil Masurkar
 ASSISTANT PROFESSOR



EDUCATION QUALIFICATION:
 ME

WORKING EXPERIENCE
 Teaching Experience: 14 Years

AREA OF SPECIALIZATION:
 VLSI, Signal Processing, Machine Learning
 ,Deep Learning, Remote Sensing

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“Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it.” —Sir Henry Royce, ”

Department updates

The Department of Electronics and Computer Science celebrated 'AI Odyssey: Celebrating AI Excellence' a Department Technical week for the students of EXCS-VIT from 1st April to 3rd April 2025. Objective: The primary aim was to create a comprehensive and immersive platform where innovators, experts, and enthusiasts can converge to explore, discuss, and celebrate the latest advancements and breakthroughs in Artificial Intelligence (AI).

Day 1: Imaginarium-AI Art Showcase

As part of the Imaginarium-AI Art Showcase, a poster competition was conducted on the theme "Harvest Festival in India", encouraging students to blend traditional Indian agriculture celebrations with AI-generated art. The competition aimed to:

- Promote creativity and digital artistry among students.
- Explore the fusion of AI tools and cultural heritage.
- Recognize outstanding AI-assisted artistic expressions.



Day 2: Cybrotopia-Project Showcase Theme : "AI for Social Good"

The "AI for Social Good" Project Showcase was an initiative to explore how Artificial Intelligence (AI) can address real-world societal challenges. Students developed innovative AI-based solutions aligned with the United Nations Sustainable Development Goals (SDGs), focusing on:

- Healthcare (AI for disease detection)
- Environment (AI for climate action)
- Education (AI-powered learning tools)
- Disability Assistance (AI for accessibility)

Objectives :

- Foster AI-driven problem-solving skills.
- Encourage ethical and inclusive AI applications.
- Provide a platform for students to present tech solutions with societal impact





The only way to do great work is to love what you do." – Steve Jobs.



Day 3 : CybroX: The Ultimate AI and Tech Quiz Competition Hosted on Quizizz, CybroX challenged 200+ EXCS engineering students with a dynamic quiz covering AI, core engineering, and emerging technologies. The competition featured specialized rounds on: · AI/ML · Core Engineering · Interdisciplinary Tech The automated Quizizz AI proctoring ensured fair play while providing instant performance analytics. Participants reporting enhanced cross-domain technical knowledge.



Faculty Achievements

Dr. Arun Chavan

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

- Computing for Sustainable Global Development from 2nd - 4th April, 2025.
- Smart Meters- Advance Metering Infrastructure (AMI) on 03 May, 2025
- Unlocking Business Potential: The Power of Data Strategy on 19 April, 2025
- Keyboard-Jockey to Prompt-Pirate: Surviving the AI-Native SDLC on 24 May, 2025
- Ethics, Integrity and Professional Code of Conduct: IEEE Perspective on 31 May, 2025

Dr. Girish Gidaye

Manuscript titled "Multilingual voice disorder classification using Glottal flow and MFCC-based acoustic analysis" authored by Mr. Nitin Pal, Dr. Girish Gidaye, Prof. Uma J., and Dr. Varsha Turkar has been accepted for publication in an ESCI-indexed journal published by Inder science. This achievement is a proud outcome of the internship I offered to our student Mr. Nitin Pal.

Prof. Uma Jaishankar

Presented a conference paper in ICC Robins IEEE conference titled " A Hybrid Parallel CNN-Assisted Dense Transformer for Automatic Speech-Based Depression Detection" on June 25-26, Coimbatore

Prof Akhil Masurkar

IEEE GRSS has approved a funding of \$2400.00 (Rs. 2,05,636) for SBC64851A - Vidyalkar Institute of Technology, GRS29 to support Student activities 2025.

UPCOMING EVENTS

IEEE Activities

Handover Ceremony: Second week Of September:

Orientation of Xtreme and membership info: Third week of September,

Membership Drive: Last week of September

IEEE Day event: October 1st week

IEEE Xtreme : Third week of October

ECSA Activities

Handover Ceremony:: 2nd week of July

Build-a-Bot: Line Follower Challenge: 4th Week of July

Electro Puzzle: Hardware Escape Room: 2nd week of August

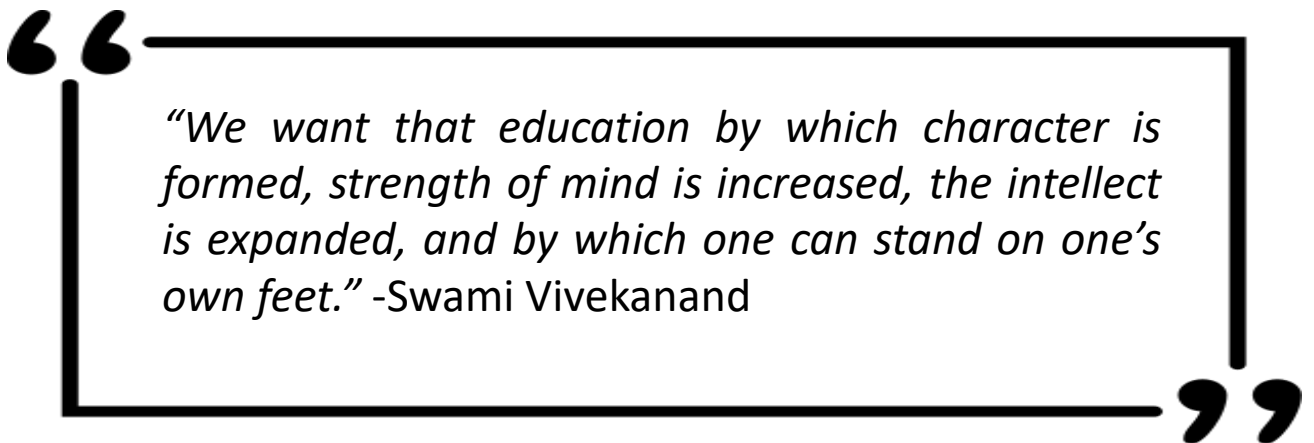
Tech Relay: Build + Code + Debug : 4th Week of July

Scratch It Out! Game Design Jam: 2nd week of September

Python Playground: Code-Golf Arena: 3rd week of September

App-in-a-Day (MIT App Inventor): 1st week of October

Electro Craft: Solder-It-Yourself Badge: 2nd week of October



THE
EDITORIAL TEAM

PROF. AMAYA PETHE

Chief Editor