



### 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

## WHAT'S INSIDE

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ECSA Activity

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Student Talk

- Riya Lepkar
- 

Aluminus Talk

- Niti Thakkar
- 

SSIP Activity

Department Staff

- Dr. Nayana Mahajan
  - Prof. Anuradha Joshi
- 

Department Updates

Faculty Achievements

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## Dr. Arun Chavan

HEAD OF DEPARTMENT, ELECTRONICS AND COMPUTER SCIENCE

Hello everyone,

It gives me great pleasure to present the highlights of the Department of Electronics and Computer Science. This quarter has been marked by vibrant academic activities, innovative teaching-learning practices, and active student participation in co-curricular and extra-curricular events. Faculty members have engaged in collaborative initiatives, workshops, and cluster meetings to enrich the curriculum delivery, while our students have showcased their talents in competitions, internships, and project-based learning. The department continues to emphasize holistic development by integrating technical skills with ethical values and teamwork. I congratulate all faculty members and students for their enthusiastic contributions and look forward to sustained excellence in the coming months.

“Strive not just to pass exams, but to create knowledge that will shape your future and serve society.”



“ Coding is today's language of creativity" - Maria Klawe ”

## ECSA Activities:

### ECSA Handover Ceremony 15 July 2025



### Blue Print of Success

**VIT** Vellore Institute of Technology  
**STAFF DEVELOPMENT & WELFARE COMMITTEE**  
 And ECSA Committee  
**PRESENTS**  
**TRAINING SESSION**  
 On  
**The Blueprint Of Success for Engineers**  
**Speaker**  
  
**Mr. Raghavan Koli**  
 Author, Public Speaker,  
 Brand Ambassador  
 Fourshlag Overseas  
 Services, Germany  
**Highlights :**  
 • How to kill Internet Addictions  
 • Basic observations lead to the invention  
 • Advantages of 100% Attendance  
 • True Stories of Successful Engineers  
 • Attitude: Read and Win  
 "Emotional intelligence is not the opposite of intelligence, it is not the triumph of heart over head - it is the unique intersection of both."  
 - Daniel Goleman  
 21 July 2025 | 9:15 am | F205

#### Objective

The Blueprint of Success event was conducted on 21 July 2025 to Inspire students to design a successful future with clarity and confidence.

- To highlight the importance of consistency as the key to long-term success.
- To build awareness about emotional intelligence and emotional independence.
- To enhance understanding of effective communication and its timing
- To motivate students through real-life examples and personal success stories.



#### Objective

The industrial visit to the Automation Expo on 14 August 2025 aims to

- Expose students to emerging technologies in automation
- Bridge the gap between academics and industry practices
- Inspire innovation while preparing them for future career opportunities

**VIT** Vellore Institute of Technology  
**ECSA & HSC PRESENTS**  
**VLSI CAREER COMPASS**  
**Speaker:**  
  
**Sanketh Prakash**  
 - Lead Design Engineer  
 Analog Division, Bangalore  
 "Insights into VLSI Careers & Industry Trends"  
 Date: 20th Sept 2025  
 Time: 9-10 am  
 Mode: Online  
 Platform: MS Teams  
 SIDMESH: 93240 75439 | AAGEESH: 63261 66104

#### Objective

VLSI career Compass event was conducted on 20 September 2025 aims to guide about

- Career paths in VLSI design & verification
- Key industry trends & future scope
- Skills required to succeed in VLSI
- Insights from expert experience

“ Design is where science and art break even.” - Robin Matthews ”

## Student's Speak

### **Riya Lepkar** SE EXCS B



Greetings Everyone,

I'm Riya Anil Lepkar, a second-year student of Electronics and Computer Science. This one and a half year has been a big learning curve for me, both academically and personally. When I look back at my journey so far, I realize how much I've grown through the projects, events, and responsibilities I've taken up.

In my very first semester, I got the chance to work on projects from scratch. At first, it felt challenging, but with the guidance of my faculty and the facilities available to us, I slowly understood the process of taking an idea and turning it into something real. Using tools like the 3D printer and PCB printing machines was a new experience for me, and it made me appreciate the importance of practical knowledge. These projects also taught me the value of teamwork and how problem-solving is not just about finding the right answer but also about learning to think differently.

Another major part of my journey has been hackathons and ideathons. Participating in them has pushed me out of my comfort zone. Whether it's internal college events or larger competitions like the Smart India Hackathon, these platforms have helped me think creatively under pressure and work with people who bring different perspectives. Each hackathon feels like a small lesson in real-world problem-solving, and the thrill of creating something meaningful in limited time is unmatched.

This year, I also decided to take on more responsibilities by joining three committees CSI, ECSA, and CESA as a Publicity Core Member

Being part of these committees has been one of the most rewarding experiences so far. I've always wanted to improve my public speaking and communication skills, and handling publicity work gave me the right push. Apart from that, working in these teams has given me a taste of event planning, organizing, and management, which are skills you don't always learn in the classroom. Of course, balancing academics with these roles has been tricky, but it has taught me the importance of prioritizing and managing my time effectively.

One thing I've really noticed in my journey is how much the student voice is valued.

Feedback is often taken and acted upon, which makes me feel that our opinions matter.

I've also enjoyed exploring subjects beyond my core branch, like Presentation Skills and Technical and Business Writing, which are helping me grow in areas I didn't expect when I first entered engineering. These courses are shaping me into someone who is not just technically capable but also confident in expressing ideas clearly.

Looking at my journey so far, I feel grateful for the opportunities I've had. From projects and hackathons to committee work and classroom learning, each experience has shaped me in different ways. I've learned to be more confident, more organized, and more open to challenges. I know there's still a long way to go, but I'm excited for the years ahead. My goal is to keep learning, to make the most of every opportunity that comes my way, and to grow into a professional who can balance technical skills with creativity and communication.

“

In the middle of difficulty lies, opportunity" - Albert Einstein.

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## Know an Alumnus

### Name-Niti Thakkar

### BE Tenure: 2021-25



Hello VITIANS!

I am Neeti, it's my pleasure to share my journey at VIT. When I first entered VIT, I was filled with nervousness and excitement, unsure of what the years ahead would hold. Looking back now, Over the years, VIT became much more than just a college for me, it became the place that shaped my growth, gave me countless memories, and taught me lessons I will carry forward for life.

What I truly appreciated about VIT was that it offered more than just academics. The curriculum built a strong technical foundation while also shaping our mindset as an engineer. It wasn't only about learning, but about looking at problems with a mindset to solve them. That perspective has changed the way I approach challenges.

Beyond academics, I loved being part of the many activities and councils on campus. From working in the Creatives Council to taking on the role of Creative Head of the Fintech Committee, I got opportunities to explore leadership, creativity, and teamwork. Events like VERVE and VEMPs brought so much energy and gave me memories I will always cherish. And of course, the friendships I made along the way will remain my greatest treasure.

I was also fortunate to have mentors who guided me at every stage. Dr. Sangeeta Joshi, under whom our team worked for our SE & TE projects once reminded us that an engineer's role isn't just to learn but to understand people's problems and solving them with empathy, these words stayed with me. In the final year, Prof. Amaya Pethe guided us through our major project with constant support and encouragement. Their mentorship shaped not just my projects, but also my outlook as a person. I would also like to thank Prof. Nayana Mahajan who supported me in both academics and committee work and was always approachable whenever I needed help. Beyond them, I remain thankful to all my faculties for their guidance and the knowledge they imparted each day.

If I could leave one thought behind, it would be to embrace every opportunity without hesitation. Say yes to experiences, push past your fears, and you'll discover how much more you're capable of.

Though we all eventually leave the campus, the campus never truly leaves us. I will remain forever grateful to VIT for giving me opportunities to discover myself, gain new skills, and become more organized and confident as a person. More importantly, it gave me memories and experiences that will stay with me forever.

“ The end of all knowledge should be service to others.” – Cesar Chavez ”

## SSIP Events Glimpses



Department of Electronics and Computer Science Organizes

Seminar On Social Service Internship Opportunities in collaboration with Selfless Serving Society (NGO)



Speaker :Konica Lishoy

Friday  
26 September 2025

Time  
09:30 AM - 11:00 AM

F-102




An MoU has been signed with a NGO Selfless Serving Society on 26 September 2025



## DEPARTMENT STAFF

**Dr. Nayana Mahajan**  
PROFESSOR

**EDUCATION QUALIFICATION:**  
PhD

**WORKING EXPERIENCE**  
Teaching Experience: 15 Years

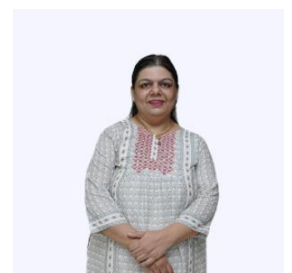
**AREA OF SPECIALIZATION:**  
Power Electronics, Electronic Product Design

**Prof. Anuradha Joshi**  
ASSISTANT PROFESSOR

**EDUCATION QUALIFICATION:**  
ME

**WORKING EXPERIENCE**  
Teaching Experience: 10 Years

**AREA OF SPECIALIZATION:**  
VLSI, Python Programming



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“ There are many wonderful things that will never be done if you don't do them.” – Charles Gill ”

## Department updates

### Weekly Department Display Glimpses



We are proud to share that our Second Year students have secured the 2nd Prize in the prestigious Sunhacks Hackathon held at Nasik. Our students showcased exceptional talent, teamwork and innovation, competing against some of the best minds from across the country

- Anmol Kadam
- Avinash Devray
- Aditya Jadhav
- Atharva Gadi



“ Leadership is service, not position.” – Tim Fargo ”

## Faculty Achievements

### Dr. Arun Chavan

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

- Machine Learning enabled Insider Threat Prediction on 05 July 2025
- Industry 5.0 on 19 July 2025
- ASPICE in Motion: Driving Process Innovation for the Software-Defined Vehicle Era on 26 July 2025
- Generative AI: Anatomy of Prompt Engineering on 06 September 2025
- Cyber Security: Threats and Mitigation on 13 September 2025

### Dr. Nayana Mahajan

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### Prof. Amaya Pethe

Felicitated for Top library users for the year 2024-2025 on 12 September 2025

### Prof. Amol Sakhalkar

Felicitated for Top library users for the year 2024-2025 on 12 September 2025



## UPCOMING EVENTS

### IEEE Activities

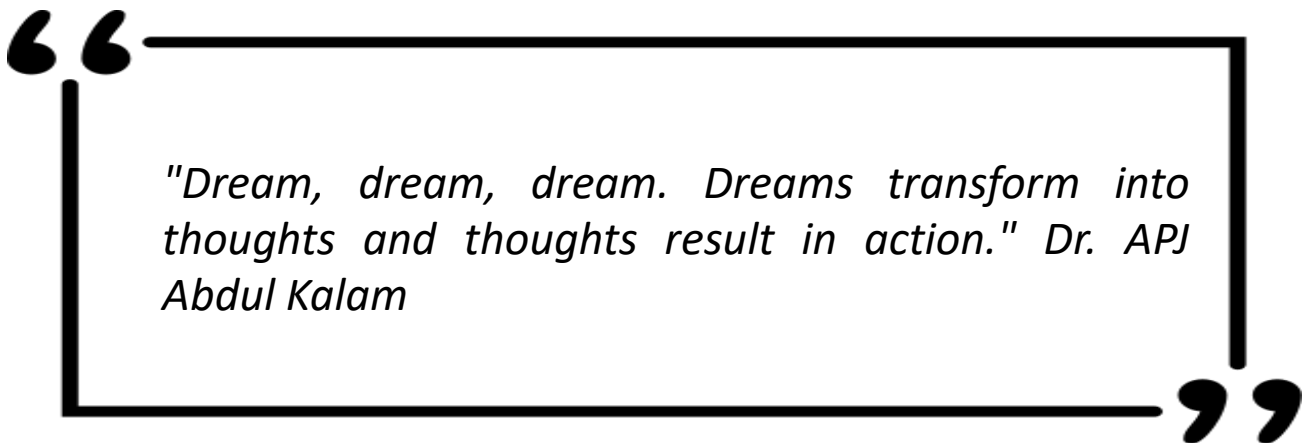
Handover Ceremony: First week Of October:

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

IEEE Xtreme :Third week of October

### ECSA Activities

TechQuest – Project Display- First Week of October



THE  
**EDITORIAL TEAM**

PROF. AMAYA PETHE

Chief Editor