



Vision of the Department

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

Mission of the Department

1. 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 and Telecommunication Engineering.
2. Encourage a teaching-learning process in which highly competent faculty share a symbiotic association with the institutes of repute.
3. Facilitate creation and dissemination of Electronics and Telecommunication knowledge through a digitally-enabled learning environment.
4. Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.
5. Establish a centre of excellence to enhance academia – Electronics and Telecommunication industry partnership and work on collaborative projects.

Programme Educational Objectives (PEO)

1. Graduates will be able to apply Electronics and Telecommunication knowledge to design technically sound systems, adopt new technologies through lifelong learning and to lead a successful career in diverse domains and streams.
2. Graduates will be able to show ability of Research and Development and Entrepreneurship skills.
3. Graduates will be able to exhibit professionalism, ethics, teamwork and social awareness in their career.

DR. VARSHA TURKAR

HEAD OF DEPARTMENT, ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Hello Everyone.

A Warm welcome to all reader's

In this Quarter, We emphasized on various 'Pedagogy' techniques to boost teaching-learning. We encouraged students to adopt new technologies available in Labs to design technically sound systems. Along with our regular academic assignments our students participated in National Level Project competition and appeared for Fellowship programs in National reputed Institutes. Many of our recent Alumni were placed in MNC's and secured admission for Master's in various reputed International Universities.

As a regular Practice we fostered ethics, teamwork and social awareness skills in students.

I wish all my students a good luck in upcoming Examinations

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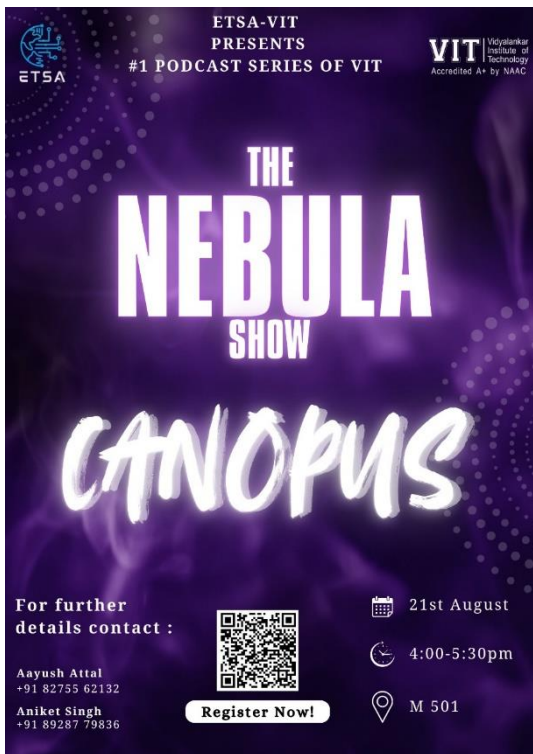
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Faculty Achievements



EXTC Department presents The Nebula Show CANOPUS



Date: 21-08-2024
Venue: M Block Semnar Hall
Topic: 'The NEBULA SHOW CANOPUS'

Description: The second episode of "The Nebula Show", titled "Canopus", began at 4:00 PM with General Secretary Sahil Rajadhyaksha introducing the four distinguished guests: Mr. Jaydev Bapat, Mr. Aniket Gupta, Mr. Ayush Aman, and Mr. Dhanesh Kawad. The focus of this episode was on the VLSI and Verilog domain, as well as the guests' experiences as research assistants and master's students at IIT. Sahil ETSA Convenor guided the discussion with insightful questions about technical aspects, the use of Verilog, and the academic journeys of the guests. They also shared their experiences from various technical events they had attended, offering valuable information to the audience.

Form responses: 35 participants.

Attended event: 31 participants

No. of core – 5

No. of heads - 10

No. of faculty-3

EXTC Department Organize Alumni Guest Lecture



Date: 30-9-2024
Venue: M 302
Topic: 'Trends in RF and Microwave Engineering'

Description: Alumni Guest lecture was organized by Prof.Amey Revandkar and Prof.Pravin Patil for Final Year students of EXTC Department. Mr.Sanket Gothankar, Research Scientist from SAMEER, IITB had been invited to give the lecture. The objective of the session was to give students Insights on following points:

- Opportunities in the field of Microwave Research
- Scope of projects that can be completed in this field in short span of time
- A brief overview of MRI machine and its development in India
- Challenges in Microwave component design
- Companies involved in manufacturing RF and Microwave Products



The session started by welcoming Mr.Sanket Gothankar Alumni from 2020 Batch. Mr.Sanket started the session by explaining to students the opportunities and trends in RF and Microwave Engineering. He then explained his role and work in the research institute. Mr.Sanket then introduced the concepts related to MRI Design. Block diagram, challenges, Infrastructure information related to MRI were discussed. Mr.Sanket then explained the working of Microwave waveguides, Antennas, Microwave waveguide junctions and their applications. He also explained the importance of Mathematics in microwave research. The session concluded with Questions and Answers. Total 35 students attended the Lecture.

“Tell me and I forget. Teach me and I remember. Involve me and I learn.”
- Benjamin Franklin

Alumni Speak

Sanjana Pisal

Design Verification Engineer, Google

Batch 2017

Every new day is a chance to change your life. Whether you take the chance or decide to leave determines who you will be. Enrolling in VIT was one of the best decisions of my life, and it continues to stand true. VIT has been a great contributor to the development of my personality. The atmosphere here has an exhilarating scent. It is a place where the people are friendly, the environment is respectful, and we have amazing resources. The professors here focus on making students understand the concepts rather than just giving out content letting them swallow it. The regular mentoring sessions they conduct gives you a chance to open up about your hardships and seek guidance to overcome them. Ever ready to help and deliver the best education, they have also been the guiding pillars of my life. Their teachings and learnings full of wisdom are something I'll treasure forever. The infrastructure of VIT is one of the finest I have ever seen, and that's what stands out the most. The best thing about this place is the cross-culture interaction between students from various parts of the country. Thanks to the technical committees here, I have established my leadership, time management, and team skills, enabling me to grow as an individual. Striving to improve from yesterday and sculpt a new version of myself today to face the tomorrow sums up my journey in VIT. My wish is to express all my gratefulness by giving my best. Thank you for this wonderful experience, VIT!



ETSA Conducts Handover ceremony of New Elected Heads

The handover ceremony of the newly elected heads of the Electronics and Telecommunication Student Association (ETSA) - VIT took place on the 31st of July, commencing at 3:45 PM. The event was gracefully hosted by Keshika Pillai, the Events Head of ETSA, who warmly welcomed the attendees and set the tone for the occasion.

Following the introduction, each of the newly elected heads was introduced, marking the beginning of a new chapter for the association. The ceremonial proceedings continued with the convenor of ETSA, Prof. Swapnil Ashtekar, presenting certificates of appreciation to the outgoing heads, recognizing their dedication and contributions during their tenure.

In a symbolic gesture, the outgoing heads then handed over the official joining letters to the newly elected members, formally marking the transition of responsibilities.



“ Education is the passport to the future, for tomorrow belongs to those who prepare for it today. —Malcolm X ”

Faculty Achievements/Initiatives/Value addition

Dr.Saurabh Mehta

1. Empanelled as Independent Director
2. Appointed as Advisor at www.scholarspot.in
3. Appointed as Mentor of Avation CKT Startup
4. Appointed as consultant and trainer at the Global academic assessment consortium
5. 2 Papers accepted at IEEE International conference in Ukraine
6. 3 Talks given at state and local level
7. Received CSI Best faculty award 2024
8. Presented 2 papers at IKS Conference at IITB
9. Journal paper published by American journal.of Electrical and Electronic Engineering
10. One paper and one poster accepted at T4E Conference IIT Gandhinagar

Faculty interaction/participation

Dr.Varsha Turkar Contributed to 1 Week STTP on 'AI and ML Enhanced geospatial analytics ;Real world case studies' during 8th to 12th July 2024 at J Somaiya college of Engineering.



THE
EDITORIAL TEAM
PROF.AMEY S.REVANDKAR