EXTRACTING

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

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.

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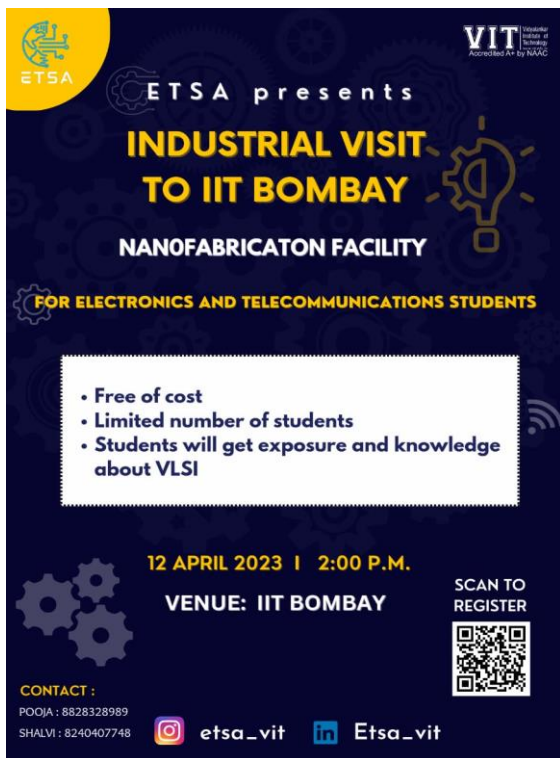
DR. VARSHA TURKAR

HEAD OF DEPARTMENT, ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Hello Everyone.
A Warm welcome to all reader's

This Quarter was an amazing period of Teaching-Learning Initiatives, In house Internships, Industrial visits and End semester Examination. Further, I would like to mention that, as a continuous assessment process, we trained our students in Performing problem driven lab activities and projects. Students were given assignments based on real time problems and were given grades accordingly. I am always thankful to my fellow faculty members and non-teaching staff who work tirelessly to achieve remarkable progress in department's success.

To mention about Industry-Academic connect, Department is working on MOU'S, Industrial Internships for faculty, Membership drives for students and Alumni meet to strengthen ties with Industry. I am sure Department is going through a competitive phase to achieve academic excellence.

I wish Final year students a great Success in their career and SE,TE Students a great learning ahead.

Guest Lecture Sessions

Date: 12th April 2023

Name of the Committee: ETSA

Activity Title: Industrial Visit-IIT Bombay, Nanofabrication Lab

The event was publicized amongst SE, TE and BE students through online messages. Around 35 students were present for the visit and the limit was 40 students. After reaching the IIT Bombay campus, firstly, the students were briefed about the process of a MOSFET designing, and a presentation about the same was explained. Later, the students were taken to Nanofabrication Lab and all the processes of MOSFET designing were shown and explained very well. Overall it was a great experience as the students got to know in detail of the manufacturing of a MOSFET's and its real life application.

Date: 5th April 2023

Speaker: Mr.Pravin Pandirkar

Activity Title: Guest Lecture on Computer Networks

Organizer: Prof.Beena Ballal and Prof.Satendra Mane

The objective of the event was to brief students on basics of Computer Networks. During this session, the speaker covered topics like Routing algorithms, ICMP, ARP and RARP, IPv6 and Transition from IPv4 to IPv6.

Mr.Pravin Pandirkar started his speech by explaining scope of computer Networks. He then explained the role of Algorithms and Protocols to students. He then highlighted the use of ICMP, ARP Protocols. He showed Informative videos related to this topic..

He also explained the skills required to work in this domain. The event was concluded by thanks giving session.
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> " Tell me and I forget. Teach me and I remember. Involve me and I learn.
> - Benjamin Franklin "

Student's Speak

Mithila Thakur TE Div B

It gives me pleasure to mention my feelings for my Vidyalankar Institute. This Institute is the best platform for initiating a bright future. This Institute continues to promote effective & innovating learning methods by using the latest technologyThis gives students an equal opportunity to build soft skills that enrich their overall personality. The Infrastructure is marvelous and trendy

All I can say is VIT is great place to learn.The exquisitely bright authority course, versatile faculty, fore-running academics, encouraging co-curricular and extremely contemporary environment to study, grow and rise are the major persuading environment to study grow snap-shots of the Institute which make it wonderful place to learn.I would like to thank to all my teaching and nonteaching staff members for their continuous support and inspiration to excel in academics.

In house Internship

1. Under Guidance of Prof.Vijay Purohit, our third-year students are working on an Internship project titled: 'GSM based real time water monitoring and alert system'. Names of the students are as follows :
   i. Ritesh Khandare
   ii. Shivam Parsekar
   iii. Aryan Kale
   iv. Rishabh Chaturvedi

2. Under Guidance of Prof.Vijay Purohit, our third-year students are working on an Internship project titled : 'Digital Room dimension measuring device using ultrasonic sensing module'. Names of the students are as follows :
   i. Tanmay Sabnis
   ii. Sachin kadam
   iii. Prutha Girkar
   iv. Humhum Shaikh

FDP Attended By EXTC Staff and students at Grok Learning Mumbai

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

Faculty Achievements/Initiatives

- **Dr. Saurabh Mehta (Professor & Chief Academic Officer, VIT Mumbai)**

1. Secretary, First Smart Light IEEE Global Conference 2023.

2. Received Grant of USD 500 for Organizing POCO, June 2023.

3. Resource Person and Organizer at POCO 2023.

4. Selected as STEM Champion by IEEE Global for the Year 2023-24.

5. G20 Roundtable Conference Invitee- June 2023.

6. Convener - TCS and TBL Training.

7. Received the Award in the excellence of technical education sector from Shri. A. M. Alikhani, Iran Consul General, on behalf of the Trans Asian Chamber of Commerce and Industry (TACCI) on their 24th Anniversary.

8. Appointed as Thesis Evaluator at GTU, 2023.

9. Certified as AIMA Business Lab Trainer 2023.

10. Appointed as IEEE R10 HTC Conference-Education Co-Track Chair, Tutorial, and Workshop Speaker 2023.

11. Appointed as Mentor for Thinkpruner by ATAL Innovation Council 2023.

12. First Chair and Mentor of IEEE AESS VIT Chapter.

13. IITB-ECELL-EUREKA Mentor 2023.

14. IEEE PES Day Ambassador 2023.

15. Invited Speaker/Track Chair at 1st SICTIM'23 Conference, Somiya University, Mumbai,4th CSCITA 2023 Conference, SFIT, Mumbai, 8th I2CT 2023 Conference, Pune,1st IEEE BS Technovantion, RGIT, Mumbai, 1st Student Satellite Workshop, SPIT, Mumbai, Finale IEEE BS Technovantion, Sanjivani College of Engineering, Kopargon.

16. Invited Speaker For Elements of Research Course-RGIT, 2023.

THE
Editorial Team
PROF.AMEY S.REVANDKAR
Mithila Thakur(Student Co-Ordinator TE EXTC)