



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

I welcome you all to this exciting semester starting from 8th July 2024.

The department is committed to providing quality technical education and developing the skillset required for industry. It concentrates on high academic standards backed by updated syllabi and industrial partnerships. The primary focus of the curriculum in the department is to impart technical knowledge to students, promote their problem-solving skills, and inculcate a culture of research & innovation.

The Department of Electronics and Computer Science has a very strong research profile. Faculty members have excellent academic credentials and are highly regarded. Several faculty members serve on the editorial boards of national and international journals, review technical articles for journals regularly, and organize international symposia and conferences.

Excited to see you all! You are going to have an amazing semester ahead learning new things.

Good luck!

WHAT'S INSIDE

HSC Activity
ExcelR Activity

Student Talk
• Anchal choudhary

Aluminus Talk
• Prithish Paul

EESA Activities
Department Staff
• Dr.Nayana Mahajan
• Prof.Pranita Padhye

Department Updates



“ Education is the best friend. An educated person is respected everywhere. Education beats the beauty and the youth. — Chanakya ”

HSC Committee

VIT | Vidyalankar Institute of Technology
Accredited A+ by NAAC

Conquer your dreams

HIGHER STUDIES COMMITTEE ORGANIZES WEBINAR ON

CRACKING THE CODE TO GET ADMITTED IN

Top-Ranked Universities

Anushka Rane
Alumni-2023

April 27, 2024
2:30 PM
MS Teams

The higher Study Committee arranged a webinar was arranged on April 27, 2024, to guide the students to get admission to top-ranked universities. The highlights are

- Figure out the country.
- Research on universities w.r.t Branch, teaching and placement.
- Requirements for the course
- IELTS, GRE, and TOEFL requirements for different courses
- Focus on pointer and personality development.
- Publish the papers in reputed journals.
- Get 3 LOR to give the profile a better look.
- Importance of Statement of Purpose (SOP) giving information about self in 1000 to 2000 words
- Help of Counsellor.

EXCELR FDP

EXCELR Raising Excellence | EDL Everyday Learning

MIT Arts, Commerce & Science College

International Faculty Development Program on **DIGITAL MARKETING**

In association with

- MIT Arts Commerce & Science College (Autonomous), Maharashtra
- Nishitha Degree College (Autonomous), Telangana
- Seshadripuram College, Karnataka
- P.B. Siddhartha College of Arts and Science, Andhra Pradesh

Get Certificate Of Participation for **FREE**

27TH to 31ST MAY 2024
3:00 PM - 5:00 PM
(2 HRS PER DAY)

SCAN ME

Registration Link : <https://forms.gle/Hij4knNzz1YdHhsm6>

+91 96069 57287 | edl@excelr.com | www.excelr.com

• Faculty Development Program on Digital Marketing was conducted by EXCELR from May27-31, 2024 for 10 Hours in Collaboration with

- MIT Arts Commerce & Science College (Autonomous)- Maharashtra
- Nishitha Degree College (Autonomous) -Telangana
- Seshadripuram College- Karnataka
- P.B. Siddhartha College of Arts and Science -Andhra Pradesh

“If you want to shine like a sun, first burn like a sun— Dr. APJ Abdul Kalam”

Student's Speak

Aanchal Choudhary

(TE EXCS A)



I am Aanchal Choudhary, currently pursuing a degree in Electronics and Computer Science Engineering at Vidyalkar Institute of Technology (VIT). I am writing to express my profound gratitude for the exceptional support, guidance, and comprehensive educational experience that VIT has provided.

The dedicated faculty members at VIT have been instrumental in my academic journey. Their unwavering commitment to ensuring that each student comprehends and applies the subject matter in real-world scenarios has been truly inspiring. The mentorship I have received has significantly enhanced my academic performance and ignited my passion for learning.

VIT's dedication to delivering high-quality education is evident in every aspect of our curriculum. The focus on practical application, industry relevance, and the incorporation of the latest advancements in each field has thoroughly prepared me for the professional world. VIT offers a holistic education that extends beyond textbooks, providing a well-rounded learning experience.

The internship opportunities facilitated by VIT have been crucial in bridging the gap between theory and practice.

Exposure to real-world scenarios, hands-on experience, and interaction with industry professionals have enriched my knowledge and given me a competitive edge as I prepare to enter the workforce.

The state-of-the-art laboratories and facilities at VIT have provided an excellent environment for experimentation and innovation. The tireless efforts of the administrative and technical support staff have ensured that our infrastructure is well-maintained, creating an ideal setting for academic and personal growth.

From the admission processes to extracurricular activities, VIT's commitment to providing a seamless and enriching experience for students is commendable. The comprehensive support system, including career counselling, wellness programs, and community engagement initiatives, has fostered a positive and inclusive atmosphere on campus.

In conclusion, I would like to express my heartfelt appreciation to Vidyalkar Institute of Technology. VIT is more than an educational institution; it is a home, a community, and a source of inspiration. I am proud to be associated with an institute that values not only academic excellence but also the overall well-being and growth of its students.

Thank you for being the guiding light on this incredible journey of knowledge and self-discovery.

“ A founder can carry an institution only so far, and then others have to step in, even the alumni. That's how an institution becomes one-Shiv Nadar ”

Know an Alumnus

Name: Pritish Paul

BE Tenure: 2020-2024



Fellow students of one of the best colleges in Mumbai, it's an honor to share my engineering journey at Vidyalankar Institute of Technology with you. When I was choosing colleges after my HSC, my passion for electronics led me to VIT, which stood out as the best option. Little did I know that I was choosing an institution that would teach me the greatest lesson of all: "to always be yourself." VIT has provided me with countless opportunities to grow, resources to utilize, and moments to discover who I truly am. These resources have equipped me with the knowledge to advance in my career and become the best version of myself.

My academic life at VIT has been incredibly stimulating. Being surrounded by such energy and intelligence has been exhilarating. The diverse environment at Vidyalankar was my chance to learn and transform. The friendshipsThe unwavering support of the VIT faculty has been the driving force behind all my achievements. Their tireless efforts turned every step into success.

I formed and the ideas I explored during my years here were invaluable. Overcoming each challenge I faced was a beautiful experience.

. They guided me with their vast knowledge and helped me improve my perspective by reinforcing the institution's core values. Inspired and motivated by our faculty, I am driven to dream bigger and grow both personally and professionally, ultimately guiding us to become extraordinary engineers. It wasn't just the academics that enriched my life at VIT.

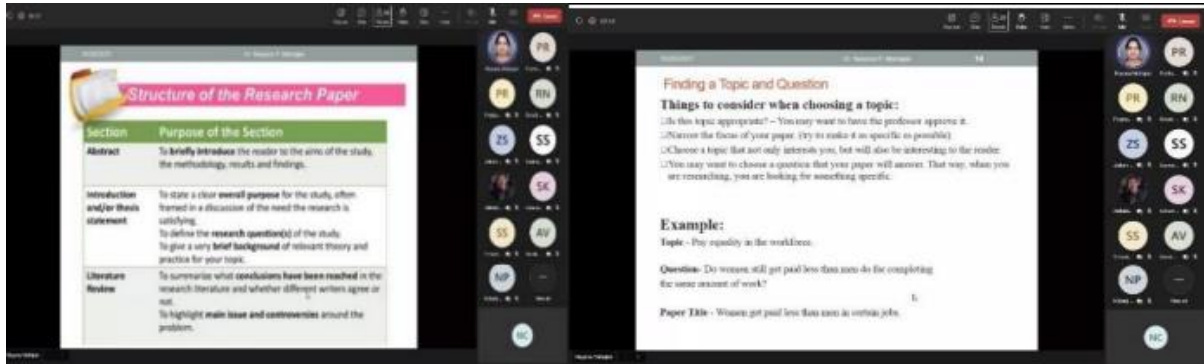
Participating in various sports and cultural activities on VIT's beautiful campus enhanced my social interaction skills and overall well-being. To the student community at VIT, I would like to say, "Always reflect on your journey and how you've become who you are. You are graduating at an incredible time, with access to technologies and resources that previous generations didn't have. I hope that 30 years from now, you will return to VIT and reflect on what you have accomplished with your talent and energy. Let us all judge ourselves not just by our professional achievements but also by how well we have addressed the world's deepest inequities and problems". VIT will always play a crucial role in broadening your mind. So, hold your head high when you call yourself an engineer, and always take pride in saying, "I am a VITIAN."

“ Education is not just about gathering knowledge, but more so about learning how to think— Sandeep Maheshwari ”

EESA

The EESA committee organized a webinar on how to Write A Good Project Report on April 20, 2024.

The objective of the event was to introduce the students to the idea of project report writing, emphasize its importance in the current industrial scenario, and the right steps to write one



Digital Marketing Workshop was conducted on April 24, 2024.

The objective is

- To make students understand various career opportunities in the field of Digital Marketing.
- To introduce digital marketing strategies.
- Guiding students on how to start their journey in this domain

DEPARTMENT STAFF

Dr. Nayana Mahajan
ASSOCIATE PROFESSOR

EDUCATION QUALIFICATION:
PhD

WORKING EXPERIENCE
Teaching Experience: 19 Years
Research Experience: 05 Years
Technical papers Published: 14
Book Authored: 01

AREA OF SPECIALIZATION:

Electrical Machines, Power Electronics and Drives, Electronic Instrumentation and Measurement, Control System, Neural Network and Fuzzy Logic.

Prof. Pranita Padhye
ASSISTANT PROFESSOR

EDUCATION QUALIFICATION:
M.E

WORKING EXPERIENCE
Teaching Experience: 22 Years
Industrial Experience: 1.5 Years
Technical Papers Published: 06

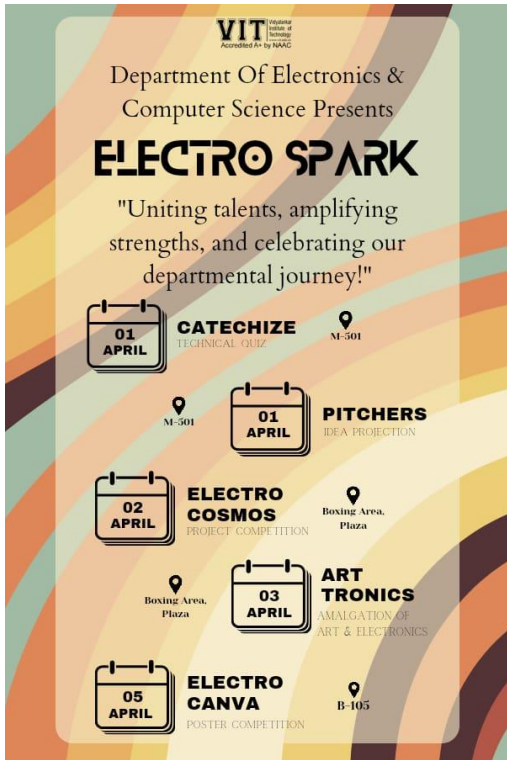
AREA OF SPECIALIZATION:

Wireless Networks, Computer Networks, Microwave Communication, Analog and Digital Communication



“ We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far-Swami Vivekananda ”

Department updates



The Department of Electronics and Computer Science organized a technical event, "ElectroSpark," from April 2 to April 3, 2024. The event witnessed enthusiastic participation from students and department staff. The two-day event had a range of activities, including a pitcher, project exhibition, poster presentation, art-tronics, and technical quiz.

Overall, the ElectroSpark Event achieved remarkable success. It served as an outstanding platform for students to demonstrate their expertise, talents, and innovation. The event promoted a positive atmosphere of healthy competition and learning, clearly demonstrated by the enthusiastic participation of all involved. Both the organizers and participants deserve commendation for their unwavering dedication and effort, which ultimately led to the event's tremendous success.



“ I slept and dreamt that life was a joy. I awoke and saw that life was service. I acted and behold, service was joy-Rabindranath Tagore ”



- Dr. Gulab Singh, Professor, CSRE, IITB has agreed to 6-month internship for all students

Faculty Achievements

Dr. Sangeeta Joshi

- As an external academic and administrator auditor at Vidya Prasarak Mandal's Maharshee Parshuram College of Engineering, Velaneshwar on April 6, 2024.
- Appointed as a vice Chancellor nominee of the University on the Academic Council of Vivekanand Education Society's College of Pharmacy from April 22, 2024

Dr. Arun Chavan

Attended the following webinars, organized by BVICAM, New Delhi

- Has successfully attended AI and ML for Environment, Sustainability, and Governance (ESG) on April 6, 2024.
- Has successfully attended ICT-enabled 21st Century Educational Ecosystem on May 18, 2024.
- Has successfully attended the National Webinar on Research and Publication Ethics held on May 25, 2024.

Dr. Girish Gidaye

- Copyright approval was received for "Stroke Prediction Application" on April 3, 2024
- The MoU is signed with Masters and Scholars of the University of Cambridge of the old schools, Trinity Lane, Cambridge CB2 1 TN, UK

Dr. Nayana Mahajan

- Signed the MoU with Digital School, Mumbai. The company offers Internship opportunities to the students enrolled in Digital marketing.
- Copyright received for "INVESTIQ-INTELLIGENT, DATA-DRIVEN INVESTMENT SOLUTION" on March 10, 2024

Dr. Sheetal Patil

- The patent on the design to the IOT BASED GAS LEVEL MONITORING AND INDICATOR GAS CYLINDER was issued on May 10, 2024
- The patent on the design of the TRANSPARENT BOTTLE was issued on May 16, 2024
- Copyright received for "Accurate measurement of fuel poured in the vehicle tank" on April 9, 2024

Prof. Akhil Masurkar

Received a travel grant of dollar 1725 for presenting two papers at IGARSS 2024, a flagship conference of GRSS, to be held in July 2024

UPCOMING EVENTS

- Fintech Committee
 - Workshop on “Virtual Trading in 4th week, July 2024
 - Finopedia in 2nd week, August 2024
 - Workshop in “Financial Literacy” 4th Week, August 2024
 - Arthagyan in 1st week September 2024
 - Sanchayan in the 4th week September 2024
- IEEE Activities
 - Workshop in UI/UX in 1st week of August 2024
 - Seminar in Cybersecurity in 2nd week August 2024
 - Codeager in 3rd August 2024
 - IEEE XTREME Orientation in 2nd week September 2024
 - Ideathon in 3rd week September 2024
- ECSA Activities
 - Workshop on Basics of AI/ML in the 4th week, of July 2024
 - LTSpice Workshop 2nd week, August,2024
 - Robo Mania Infinity in 4th Week, August 2024
 - Beyond the horizon in 1st week of September 2024
 - Quizomania in 4th week September 2024

“Ups and downs in life are very important to keep us going because a straight line even in an ECG means we are not alive.”-Ratan Tata

THE
EDITORIAL TEAM

PROF. AMAYA PETHE

Chief Editor