



## 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

Hi Everyone,

We are into the final days of the semester, I would like to encourage my learners to work hard and give their best in the oral/practical and end semester examination.

I wish you a successful conclusion of the semester and an enjoyable, restful break thereafter. As we enter the final days of this semester, we celebrate our successes and experiences that have deepened our knowledge of the world, expanded our horizons, and allowed us to make connections with others who have challenged our assumptions and often provided support as we wrestle with deep questions. As part of an intellectual community with a long-standing commitment to public service, we have considered how, what we learnt in classrooms and laboratories around our campus can change the world.

The motto of our department is 'Nothing can we achieve without genuine efforts'. We feel each student in our department is our responsibility and all our students should excel in all the examinations they face in life. Very soon this semester will come to an end and ESE will come knocking at your doorsteps. Now it is time to prepare yourself in advance for the upcoming ESE. I wish you a successful conclusion of the semester and best of luck for your end semester examination.

"Don't let what you cannot do interfere with what you can do." —John Wooden

## WHAT'S INSIDE

Fintech Activity  
ExcelR Activity

Student Talk  
• Dipendra Jain

Aluminus Talk  
• Anushka Rane

EESA Activities  
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• Dr.Girish Gidaye  
• Prof.Uma Jaishankar

• IEEE Activity

Departmental Updates



“ The stock market is filled with individuals who know the price of everything, but the value of nothing. – By Phillip Fisher ”

## FINTECH Committee

**VIT** VIT Vellore Institute of Technology Accredited A+ by NAAC

IN COLLABORATION WITH **FINTECH** VIT Vellore Institute of Technology Accredited A+ by NAAC

### FINANCIAL LITERACY & STOCKS

**C.A ATUL DOSHI**  
Co-founder

**TOPIC AND DISCUSSION**  
Financial Literacy & Stocks

Get ready for a thrilling ride into the world of finances, where you will get to know the basic building blocks of companies and all the jargon that goes with them. Also An Overview of Investing in Stocks

**30 JANUARY 2024**  
4:00 - 6:00 PM  
B-105

Register Now!

SAYALI - 9892293793 MRUNMAYEE- 9082824148 OM-9137001021

The workshop was conducted to explore financial literacy and education

The workshop was conducted by Jyoti Budhiya, a seasoned veteran with over 40 years experience. In workshop each participant received virtual fund worth 5 lakh rupees for trading. It gives valuable insights into technical analysis

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### STOCK MARKET WORKSHOP

## TRADE-A-THON

**DATE**  
27 FEB - VIT  
4-8 MAR - ONLINE

**TIME**  
04:00 - 06:00 PM  
ONLINE (MARKET HR)

Register Now!

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**FINTECH** VIT Vellore Institute of Technology Accredited A+ by NAAC

### FINANCIAL FORTITUDE

**C.A SONALI DOSHI**  
ACCOUNTS PROFESSOR AT LET'STUTE

Insights on Finance with a conceptual understanding of fundamentals of company and related terms

**3 February 2024**  
4:00 - 6:00 pm  
Online

REGISTER NOW

Sonali Doshi explained the importance on Emergency fund, financial planning, investing wisely and Insurance coverage

Shashank Valia explained the importance on budgeting, Debt Management

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### MONEY MATTERS MASTERY

Unlock financial success at our 'Money Matters Mastery' workshop. Learn budgeting, investments, and debt management strategies. Join us to master your money matters!

**SHASHANK VAILAYA**  
Equity and compliance officer

**3 February 2024**  
4:00 - 6:00 pm  
Online

Enroll Now!



National Faculty Development Program on Deep Learning and Artificial Intelligence organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd. from 26th Feb to 1st March 2024.

National Faculty Development Program on Business Analytics organized by AISSMS College of Engineering, SJC Institute of Technology and Matrusri Engineering College in Collaboration with ExcelR Edtech Pvt. Ltd. From 5th Feb to 9th Feb 2024.

“The difference between theory and practice is smaller in theory than it is in practice.” - Albert Einstein



## Student's Speak

Dipendra Jain

(BE ETRX B)

Greetings, fellow readers!

My name is Dipendra Jain! I am pursuing my degree in electronics engineering in Vidyalankar Institute of Technology. As a proud student of VIT, I am writing to express my deepest gratitude for the incredible support, guidance, and all-encompassing educational experience that the institute has provided.

Faculty members' dedication to ensuring that each student not only comprehends the subject but also applies it in real-world scenarios have been truly inspiring. The mentorship I have received has not only enhanced my academic performance but has also fueled my passion for learning.

VIT's commitment to delivering quality education is evident in every aspect of the curriculum. The focus on practical application, industry relevance, and the incorporation of the latest advancements in each field have prepared me for the challenges of the professional world. The holistic education at VIT extends beyond textbooks, providing a well-rounded learning experience that goes beyond the classroom.

The internship opportunities facilitated by VIT have been invaluable in bridging the gap between theory and practice. The exposure to real-world scenarios, hands-on experience, and interaction with industry professionals have not only enriched my knowledge but have also given me a competitive edge as I prepare to enter the workforce.

The state-of-the-art laboratories and facilities at VIT have been instrumental in providing a conducive environment for experimentation and innovation. The tireless efforts of the support staff, both administrative and technical, have ensured that the infrastructure is well-maintained, creating an ideal setting for academic and personal growth.

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

In conclusion, I want to express my heartfelt appreciation to Vidyalankar Institute of Technology for being more than an educational institution - it has been a home, a community, and a source of inspiration. I am proud to be associated with an institute that values not just 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. At the end I would like to say,

“Be sure with Vidyalankar!”

“ Any institutions' alumni are key to its growth. We are focused on giving a global experience to our students-Shiv Nadar ”

## Know an Alumnus

Name: Anushka Rane

BE Tenure: 2019-2023



In the wise words of Dr. APJ Abdul Kalam, "You have to Dream for your Dreams to come true." This quote has resonated deeply with me throughout my academic journey, especially during my time at Vidyalandkar Institute of Technology (VIT). My name is Anushka Sanjeev Rane, and I hail from the bustling city of Mumbai. I pursued my electronics degree at VIT from 2019 to 2023, driven by a lifelong passion for science and engineering. I've always been a curious individual, eager to explore new knowledge and experiences. My educational foundation was established at the prestigious Ramnivas Ruia College, where my interest in electronics grew into a determined ambition. VIT provided the perfect platform for me to cultivate my passion and turn my dreams into reality. The knowledge and skills I acquired during my time there have been priceless, shaping me into the professional I am today. My four years at VIT were transformative, molding me into the confident and capable individual I am today. When I first arrived on campus as a timid and introverted freshman, I struggled with stage fright. However, VIT quickly became a catalyst for change. In my first year alone, VIT offered numerous opportunities for me to conquer my fear of public speaking. Encouraged by professors, I actively participated in class activities and group projects. These experiences not only improved my communication skills but also imparted valuable lessons in leadership and management—skills crucial for success in the corporate world.

VIT was more than just an academic institution for me; it was a vibrant community that embraced inclusivity and diversity. Engaging in extracurricular activities further refined my public speaking abilities and bolstered my confidence. I was very active in both the Drama and Fashion teams at VIT, and I thrived in these activities. My experience with the Fashion team was especially memorable, as I took part in and won 11 competitions against other colleges. VIT's way of teaching, which looks at the whole person, helped me grow in every way. Whether it was in my studies or the activities outside of class, VIT helped me become better and prepared me for what was to come. At VIT, I had the opportunity to participate in several company interviews through the placement drive, ultimately securing a position at Reliance Jio. Currently, I am employed at Jio Platforms Ltd, where I am gaining valuable industry insights and hands-on experience. VIT encouraged me to dream big and be ambitious, teaching me to always strive for excellence. Inspired by this mindset, I pursued further studies abroad and was accepted into the prestigious University of Toronto for a master's degree in Information System Design, starting in the fall of 2024. The guidance and teachings of VIT professors have played a significant role in shaping me into the individual I am today, and for that, I am deeply grateful. I am immensely proud to have been a member of VIT and its community, and I will forever cherish the lessons I learned during my time there.



“Engineers like to solve problems. If there are no problems handily available, they will create their own problems-- Scott Adams ”

## EESA



The Webinar was conducted on “Exploring the World of Copy Right” by Mr. Pratik Hendre on 5<sup>th</sup> February 2024

- To make students understand various terminologies like IP’s GI’s etc.
- Highlighting the Importance of registration of your work, projects, products etc.
- Making them know the different types of Copy Rights.



The event “Educational counselling workshop” was conducted on 27<sup>th</sup> March 2024

This activity was conducted to give

- To make students aware of all the possible opportunities for future studies.
- Financial aid and scholarship advice to make dreams affordable.
- Pre-Departure orientation for a stress and any kind of crisis management.
- Guiding students on how to decide for a particular university.

## DEPARTMENT STAFF

**Dr.Girish Gidaye**  
PROFESSOR

**EDUCATION QUALIFICATION:**  
PhD

**WORKING EXPERIENCE**  
Teaching Experience: 22 Years  
Administrative Experience: 02 Years  
Technical papers Published: 09  
Doctoral/Masters Students Guided: 02

**AREA OF SPECIALIZATION:**  
VLSI, Machine Learning, Speech Processing



**Prof.Uma Jaishankar**  
ASSISTANT PROFESSOR

**EDUCATION QUALIFICATION:**  
M.E

**WORKING EXPERIENCE**  
Teaching Experience: 25 Years  
Administrative Experience: 15 Years

**AREA OF SPECIALIZATION:**  
Control Systems, Instrumentation, Electrical machines





“ When something is important enough, you do it even if the odds are not in your favour-Elon Musk ”

## Department updates

An Industrial visit was arranged on 30th March 2024 at IITB Nano Fab lab



The VLSI Design and MEMS Laboratory (M-201) of EXCS department signed a Non-Discloser agreement with Semiconductor Laboratory, Chandigarh

TIFR visit has been arranged on 25<sup>th</sup> February 2024 on occasion of National Science day.

### Faculty Achievements

**Dr. Sangeeta Joshi**

- Was awarded ISTE Best Engineering college Teacher award for Maharashtra State for the year 2022-23 on 12<sup>th</sup> February 2024

**Dr. Arun Chavan**

Attended following webinars , organized by BVICAM, New Delhi

- Technology Trends and Revolution in Web and Mobile on 20<sup>th</sup> January 2024
- Harmony Beyond Heirs - Crafting Your Will to Prevent Family Conflicts on 3<sup>rd</sup> February 2024,
- Decentralized Systems: A Journey Through Distributed Computing on 17<sup>th</sup> February 2024
- National Webinar on Technology & Language Preservation held on 21<sup>st</sup> February 2024,
- Neurotechnology - Enabling Human Augmentation on 9<sup>th</sup> March 2024

**Dr. Girish Gidaye**

Paper on Brain Strokr detection using ML has been selected for Taylor and Francis International Conference proceedings.This prestigious conference is organized by Somaiya University

**Prof. Uma Jaishankar**

- was judge for state Level Project Competition DIPEX-2024 on 10<sup>th</sup> March 2024

## UPCOMING EVENTS

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- o Fintech Committee

Finthon on April 19,2024

“  
Everything is easy when you are busy, but  
nothing is easy when you are lazy-Swami  
Vivekanand  
”

THE  
**EDITORIAL TEAM**

PROF. AMAYA PETHE

Chief Editor