INSIGHT

DEPARTMENT OF ELECTRONICS ENGINEERING

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

PROF. DR. Arun Chavan

HEAD OF DEPARTMENT, ELECTRONIC ENGINEERING

Hello Everyone,

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 learn in classrooms and laboratories around our campus can change the world.

As a student of Electronics Engineering, you will develop the theoretical understanding and the practical skills to build Embedded Systems that will address current and future challenges. Our program provides a broad spectrum of courses and labs to give you the expertise and proficiency needed to thrive in our modern society. Experiential learning opportunities like hands-on labs, project-based courses, research projects, and internships provide a solid foundation to work in interdisciplinary teams that invent the future.

Keep doing the hard work !

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FinTech Activities

- Participants gained knowledge about Stock Market, Personal Finance, IPOs and many other financial terms.
- The Speaker Mr. Sagar Agarwal made the webinar very interactive.
- The students were very active in the chat and were interacting with the speaker and asked a lot of questions.
- The concepts of stock market and personal Finance was explained using live example of graphs and PowerPoint presentations.
- Participants were encouraged to start investing and getting one step closer to financial independence.
- The participants who want to invest and start their journey in stock market were encouraged.

NDLI Activities

Mr. Sagar Vijay Agrawal gave brief introduction about the IEEE digital library
· How to login in IEEE digital library
· How to develop learning and research skill using IEEE digital library
· MyXplore app
· Advanced search techniques
· Benefits of personnel account
· Setting and managing alerts, search history
· IEEE learning library
· Remote access tips for IEEE library
· Tools to start literature review
· Citation metrics

" In learning you will teach, and in teaching you will learn
-Phil Colins "

Student's Speak

Vishwas Singh Bist

(TE ETRX A)

Hello Everyone,

. my name is Vishwas and I am proud to be an undergraduate student of Electronics Engineering at Vidyalankar Institute of Technology.

I am very grateful to have such an amazing and supportive faculty member because of which I am having such an overwhelming experience in this institute. VIT is a perfect combination of Learning with Fun. At VIT, very friendly relation is maintained between teachers and students. College faculties not only provide quality education but also see to it that not a single student has difficulty in understanding any concept. My perspective towards things in life and overall personality is constantly improving here at VIT. From college staff, professors, infrastructure, placements to extra-curricular activities everything is perfect and satisfactory.

As a student of electronics engineering, I am always been around circuits. During my course I came across many different subjects but what attracts me most is SS (Signals and Systems) and EDC (Electronics Devices and Circuits). At Vidyalankar I am blessed to get extremely experienced professors like Associate Professor Pravin Annadate Sir and Assistant Professor Nisy Mathew Mam in this field & it encouraged me to not only go through all the minute concepts but also gained a broad perspective towards it.

It is because of this I am glad to introduce myself as The department provides excellent laboratories and the latest softwares that enhance studying quality. In spite of the pandemic, there was no change in teaching quality and management. Faculties of the Electronics department made us familiar with different open source softwares so that we do not lack in practical knowledge in the pandemic time too. They also introduced various courses like MOOC (Massive Open Online Course), Coursera, edX & MATLAB courses so that along with academics we can acquire practical knowledge as well. Not to mention, the department had also organized a Student Development Program (SDP) wherein we were introduced to renowned Industrialists and personalities for giving us the glimpse of the industrial world. The department has a committee called EESA where we can participate & improve our skills.

In conclusion, I want to say "I am very sure with the Electronics department of Vidyalankar Institute of Technology".

> 66 Education is the most powerfull weapon which you can use to change the world –Nelson Mandela 99

Know an Alumnus

Kunal Dua(2012-2019)

Hello everyone,

Myself Kunal Dua.I have graduated from VIT in Electronics Branch in the year 2019 after taking admission in 2012, yes that's right! 7 years for completing my engineering... It took me 4 years 3-year drops, 54 KT's out of which there were 12 golden KT's to complete my journey with a CGPA of 9.05 in my 8th sem. I would like to thank all my teachers and staff of this college who helped me out in this journey of engineering, without their support and help, it would not have been possible for me...

Let me tell you what helped me in my journey, Failures... that helped me in becoming what I am today. The number of times I have failed is not a small number, I would have given up on my career long time ago but the hunger of not stopping and never giving up kept me going. The desire to make myself and everyone proud kept me going. In my last year drop where I cleared my last KT, I had spare 8 months before our college started. I pushed myself into an e-hibernation where day and night all I did was electronics... that's it. All I thought about was this, nothing else. After making a project, managed to win some awards which gave me a lot of confidence in what I am doing. I kept on going and won TantraVihar twice!

To all the juniors out there reading this, all I want to suggest it that master 1 skill, any 1 but at least 1 skill... even if you become a carpenter, make sure there's no one who can hammer a nail like you. It can make you cross oceans and will help you everywhere. Don't try to be jack of all, be king of one because the world you are going to enter in forthcoming days isn't a welcoming and an easy one. It has more axes and less trees. Be confident, don't be afraid to fail, don't be scared of anything, everything has a phase. Just stick to "This too shall pass" and move on and always remember, no one in the world loves you more than your parents and what they think for you is the best! Everything is temporary, parents love is permanent!
Lots of love and good wishes 😊

" Opportunity is missed by most people because it is dressed in overalls and looks like work
_ Thomas Elva Edison "

EESA

The event was a 12-hour long Hackathon. It started with an Inauguration ceremony which was hosted by Ms. Khooshi Tembhurne from the Publicity workforce of EESA. The host welcomed our Convener, Prof. Rakshak Sood who gave a motivating speech to all the participants. The committee also welcomed the professors and alumni as the judges for the event. Each participating team gave their best throughout the day and showed utmost fighting spirit till the very end. There were 3 judging rounds throughout the event, where the judges checked the progress of every team. By the end of the day, the judges did their final checking of the projects which were presented by the teams. The projects belonged to the different domains like Embedded Systems and IOT, Computer Vision, Robotics and VLSI. The event was concluded by the vote of thanks proposed by the host of the event and a few words by the Convenor of the committee.

DEPARTMENT STAFF

Dr. ANUP VIBHUTE
ASSOCIATE PROFESSOR

Mr. AMOL SAKHALKAR
ASSISTANT PROFESSOR

EDUCATION QUALIFICATION:
PHD
WORKING EXPERIENCE
Teaching Experience: 24 Years
Technical Papers Published: 39
Technical Books Published: 4
Patent: 1
AREA OF SPECIALIZATION:
Image Processing
Machine Learning
Data Science and AI

EDUCATION QUALIFICATION:
ME

WORKING EXPERIENCE:
Industry Experience: 34 Years
Technical Papers Published: 1
AREA OF SPECIALIZATION:
VLSI
Embedded System

" Courage is the most important of all the virtues because without courage, you can't practice any other virtue consistently." -Maya Angelou "

Padma Shree Poatrao Pawar explained to understand how proper planning and discipline can change an individual and the community.
The conclusion of the talk is how people should not make greed and self-interest prevent them from doing what is right.

Mr. Abhijeet Yadav sir talk helped attendees to learn the importance of "Why" we are doing something and ask that question to ourselves before doing any work.
Writing your thoughts daily in the early morning improves the thinking process and clears the mind.
The talk concludes that we should start analyzing our confusions and believe in gaining courage, willpower, and motivation to do things we are capable of doing.

The talk of Mohd. Shams Shaikh helped attendees to understand the importance of education, hard work and resilience. He believes that concentration is the most important factor whilst achieving your goals.
The conclusion of the talk given by our speaker was-- "If one door closes, countless others open." All one has to do is keep his focus intact."

The talk of Major General Vikram Dev Dogra helped attendees to learn the fact that no matter what the goal is, challenges will always be there. But, if you have enough perseverance to face them all, nothing can stop you from achieving your goals. Also sacrifices are a must when dreaming big.
The talk concludes that we should start analyzing our goals, keep a clear picture of them in our mind, and let nothing divert us from them until we reach there.
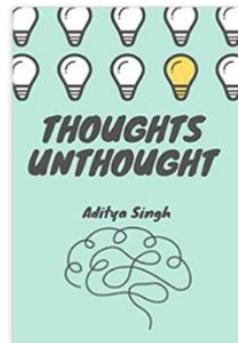
IEEE-VIT VOYAGER Activities

- Workshop on "Power of CMD" was arranged to understand the Echo command, Help command, DIR, VER, CLS, Time out, Pause, Title and Echo-off with their respective functions on 19/03/2022.
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- ITJV- Into The Jumbleverse Competition to improve critical thinking was organised on 20/03/2022.

- Tech Talk on Computer Vision was arranged to give glimpses of Computer vision on 27/03/2022

- 2022 Shark Tank Virtual Platform-based Competition aided aspiring entrepreneurs in honing their presenting abilities and refining their ideas was arranged on 29/03/2022

> " Innovation is the unrelenting drive to break the status quo and develop anew where few have dared to go
> Steven Jeffes "

Department updates

- Dr.Sangeeta Joshi was an expert for NAAC Peer Team MOCK visit at Sterling college of Management, Mumbai as an expert on 15th February 2022.

- Dr.Arun Chavan has successfully attended webinar Randomization Based Deep and Shallow Learning for classification on 19/03/2022 organized by BVICAM,New Delhi.

- Dr Anup Vibhute completed patent examination and awaiting for result.

- Dr.Nayana Mahajan, Prof.Pranita Padhye and Prof.Amaya Pethe was appointed as a Moderator at the Tantravihar 2022 Project competition on 25/03/2022.

- Prof.Akhil Masurkar has presented and mentored the project "CampusDine"and"Connect-A Sign Language Translation Tool" in the final round of Intercollegiate competition,Tantravihar-2022,conducted on 25/03/2022. "CampusDine" project won the third prize.

- A book for self exploration by our SE Student Aditya Singh was published in March 2022.

- Our Alumni Chitra barvekar has joined Synopsis Banglore as an Application Engineer.

AEC activities

Department of Electronics Engineering celebrated the Startup Day- 'Entrepreneurs Delight: From Ideas to Enterprise' on Saturday, 22nd January 2022.

We have invited distinguished entrepreneurs many of them are VIT alumni.

UPCOMING EVENTS

The International Conference 2022(ICAECT-2022) of our department is scheduled on 7th and 8th April 2022.
Degree Distribution Ceremony on 6th April 2022.

> "A hero is an ordinary individual who finds the strength to persevere and endure in spite of overwhelming obstacles.
> - Christopher Reeve."

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Editorial Team

PROF. AMAYA PETHE

Chief Editor