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## PROF. DR. ARUN CHAVAN

HEAD OF DEPARTMENT, ELECTRONIC ENGINEERING

Hello Everyone,  
'Think little goals and expect little achievements. Think big goals and win big success'  
Opportunity does not strike twice. We lose many opportunities in our life. We say from tomorrow I will start a new life. From tomorrow I will start exercise. From tomorrow I will study seriously. Tomorrow never comes. Stay in the present. If you can't start now then tomorrow never comes.

I welcome you all to the new beginning of Even Semester 2021-22, the semester will be started with full of enthusiasm and energy. The teaching pedagogy here also inculcates experiential learning, collaborative learning, with a focus on group discussions, just-a-minute sessions, puzzles/paradoxes roles, quizzes, fish bowl exercises and formal debates which will increase student involvement and comprehension. Needless to say, with academics we also conduct good co-curricular activities through EESA, IEEE and other committees. With SPQA (Students Project Quality Assurance) committee we have also streamlined project selection and execution process for our students. Due to this pandemic COVID-19 I would like to say that all of us are utilizing this time for betterment of each one of us and the department. I would like to further add that all my students should use this time period for preparation of subjects, improve skill set, gather tool set and enjoy the time with family.

All my faculty members and students stay safe stay healthy.





Wellness program for TE and BE student was organized on 14th October 2021 at 4 pm. The program was organized by students only. They designed different online games. This program was completely fun event not only for students but for teachers too. This is an idea of student that in games faculty should also participate so that faculties also have fun.

## NDLI Activities



Online Session titled 'Tips for Public Speaking' was given by Prof Mitalee Gangal on 7th October 2021

Online Session titled 'Book your Path to Success' was given by Prof.Meenakshi Nadula on 23rd October 2021.

## Student's Speak

Sejal Kamble

BE-ETRX A



Hello Everyone,

. 'A college degree is not a sign of a finished product but an indication that a person is prepared for life.'

Stating this, I would like to take you all through the college life at Vidyalankar Institute of Technology and share with you all insights of our Electronics Department.

Greetings to all! My name is Sejal Arun Kamble, a student from the last year of electronics engineering and surely a proud part of VIT family. Huge college campus, multiple activities, hundreds of subjects can be thrilling yet scary for any new student at the college. But with the support of my batchmates and assured guidance of the professors, it was never difficult for me to reach out to them whenever needed. A place makes us feel like home only because of the people living with us. Likewise, Vidyalankar Institute of Technology has reached this level because of the people who help it grow each day. Be it the higher authorities or the faculty members or the non-teaching staff, everyone makes sure to stand by our side whenever possible. In short, it's a place that will build and sculpture you to face the world with grit and confidence.

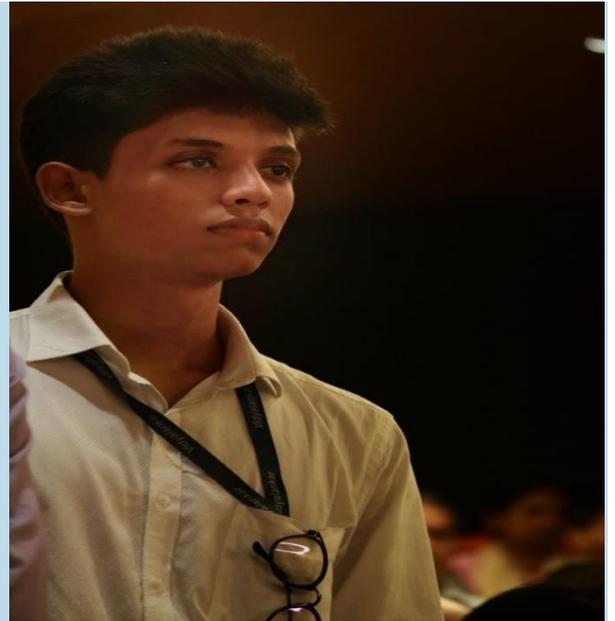
Moving ahead to our Department of Electronics Engineering which is not just filled with electronic enthusiasts but also has several experienced professors who have always encouraged all the students to keep moving ahead irrespective of the circumstances. My journey as a student, in these few years has been filled with a lot of ups & downs, but it was the trust and belief of the teachers who always believed that I will overcome all the hardships and get back on track again.

It is because of this I am glad to introduce myself as the Co-chairperson of EESA (Electronics Engineering Students Association) for the year 2021-22. The department carries out multiple activities and events along with the committee to keep us updated with various new technologies and the concepts related to it. It has always been student oriented and takes sincere efforts for the overall development of the students. It has well equipped labs with various instruments and components to motivate students to carry out different experiments and prepare their final year projects. Every group is allotted with experienced guides for their project that help us think in an innovative way. Even in the hard times of the pandemic our college made sure to execute proper strategies for the students to learn and enhance themselves with the use of various courses, mini projects and internship opportunities. The department also takes extra efforts by organizing doubt solving lectures and online webinars for the betterment of the students.

Lastly, I would like to say that we, as students, are privileged to be a part of this Institute that always promotes the well-being and success of every individual. Thankyou all!

## Know an Alumnus

Prathamesh Kulkarni(2016-2020)



Greetings everyone,

I'm Prathamesh Kulkarni – I've done my graduation from Vidyalankar Institute of Technology in Electronics Engineering, and I belong to the batch of 2020. Firstly, I'd like to express gratitude towards the Department of Electronics Engineering for providing me with this platform to express myself in front of you. The department and all the professors followed a systematic approach towards imparting education, they were very ancillary and approachable throughout & additionally provided valuable guidance to mold us to perfection. A wide range of activities conducted - both curricular and co-curricular, placement & pre-placement training, industrial exposure bolstered my skill set and served as an opportunity to grow academically & technically. My four-year stint at VIT is probably the best time that I've spent as a student, and I still cherish all the beautiful memories associated with this institute.

Right from my childhood, I wanted to pursue engineering. 8th August 2016 – my very first day at this institute, I was very effusive because this was a step towards completing my decade-old dream but at the same time, I was cognizant about the daunting and arduous tasks ahead.

The Department of Electronics Engineering constantly enheartened & motivated me to achieve my ambition. My undying thirst for acquiring knowledge & inclination towards information technology and systems made me select the subjects such as OOPM, DBMS & MIS from semester 2 onwards which served as impeccable tools.

Along with these, I got used to languages Python, C, C++ & Java which gave me hands-on experience in the user interface to showcase my creativity. "Hold the vision, trust the process." This quote rightly summarizes my odyssey in VIT

4 years in VIT, 4 years of being a part of the Student Council, and 4 consummately different roles. My peregrination in student council has surely been a life transmuting experience. This exposure availed me to enhance my leadership skills, altered the way I used to tackle a problem, and evolved me into a confident personality. My message to all the readers is to push your boundaries, utilize these four years to build a professional network to gain real-life experience, step out of your comfort zone & accept all the challenges coming in your way so that you can feel the exhilaration of victory.

“ The five essential entrepreneurial skills for success are concentration, discrimination, organisation, innovation and communication.” Michael Faraday ”

## EESA

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EESA

Old ways don't open new doors.

**EESA-VIT presents**

**“ELECTROSTEER”**

Steering into the new era

A webinar on Electric Vehicles by  
**Mr. Vibhor Garg**  
Co-founder of EMURON

18th October 5.30 pm onwards MS Teams

Follow us on:  
eesa.vit  
EESA VIT

Contact Info :  
Niharika-9004008535  
Prathamesh-7700034746

The first session was about Electric mobility. Mr. Vibhor Garg discussed about the growth of EV market and how it is helping and making a remarkable change in market scenario. The students were well explained about the EV ECOSYSTEM and its importance in our life. Students learned about the advantage of multi skill requirement. The speaker also gave an insight about his start up EMURON. Various doubts regarding EV asked by the students were answered by the speaker. The second session was about VIYN (Vehicles In Your Neighbourhood). The founders of VIYN gave detailed information to the students about start up and various ways to enhance the networking. The speakers explained about how to apply for company registration and the advantage of electric mobility. Importance of prototyping and the overall journey of VIYN Mobility was shared with the students.

## DEPARTMENT STAFF

**Dr. GIRISH GIDAYE**  
ASSOCIATE PROFESSOR

**Dr. NAYANA MAHAJAN**  
ASSOCIATE PROFESSOR



**EDUCATION QUALIFICATION:**  
PHD  
**WORKING EXPERIENCE**  
TEACHING : 22 YEARS  
INDUSTRIAL: 02 YEARS  
TECHNICAL PAPERS PUBLISHED: 07  
MASTERS' STUDENTS GUIDED: 02  
**AREA OF SPECIALIZATION:**  
VLSI  
EDC

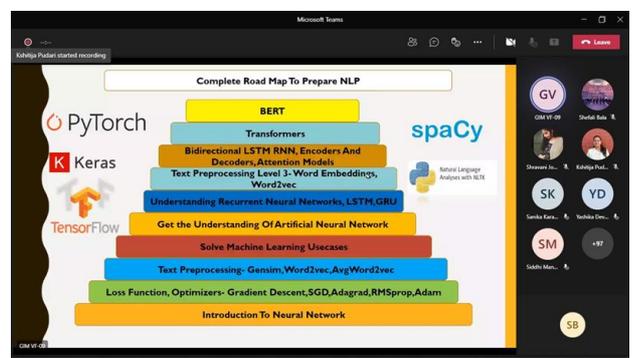
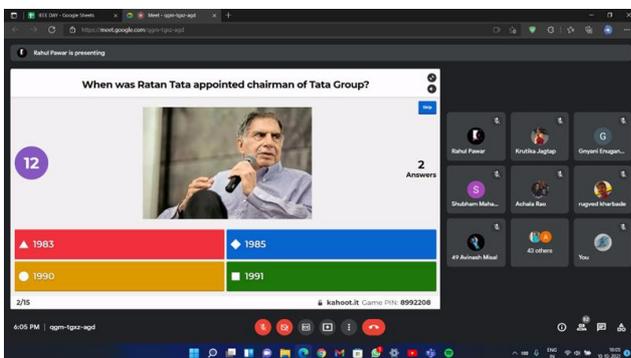


**EDUCATION QUALIFICATION:**  
PHD  
**WORKING EXPERIENCE:**  
TEACHING : 22 YEARS  
INDUSTRIAL: 05 YEARS  
TECHNICAL PAPERS PUBLISHED: 14  
**AREA OF SPECIALIZATION:**  
POWER ELECTRONICS  
ELECTRONIC PRODUCT DESIGN

“Data is what you need to do ANALYTICS.  
Information is what you need to do BUSINESS. John Owen”



- On the 12th anniversary of IEEE Day, IEEE VIT and IEEE RAIT collaborated and organized a unique event 'KNOW YOUR TECHNOPRENEUR' on 12<sup>th</sup> October 2021
- The event was special in itself having 3 rounds and 1st round comprised of 3 mini rounds as follows:
  - ○ Crossword
  - ○ Two Truths and One lie
  - ○ Morse code.
  - ○ Instruction and description of the games were given at the start of every round. The links to the meet of the chosen entrepreneur were posted in the chat box.
 Three winning teams awarded cash prize.
- Webinar on “The Complete Path of Becoming a Data Scientist” by Mr. Krish Naik. Was arranged on 3<sup>rd</sup> October 2021. Attendees learned about deep insights of data scientists, including what to learn, subjects to focus on, information about Master's in data science, and the speaker's experiences in interviews in the webinar.



## Department updates

- Prof. Girish Gidaye, Research Scholar of Electronics Engineering, has been awarded the Doctor of Philosophy (Technology) in Electronics Engineering, by University of Mumbai. He worked on the topic, “Detection and Classification of Voice Disorder Using Acoustic Analysis of Speech”, under the supervision of Dr. J. H. Nirmal.
- Two books were published by Prof. Shrikant Velankar namely Digital Systems and Architecture ISBN No: 978-93-91472-59-7 (1st Edition, Oct. 2021) Authors - Dr. Gauri Vartak, Prof. Shrikant Velankar and Computer Organization and Architecture ISBN No: 978-93-90376-90-2 (2nd Edition - Oct. 2021) Authors - Prof. Shrikant Velankar, Prof. U. S. Shah.
- Prof. Rajashree Soman had taken the admission for PhD at RAIT, in Instrumentation Engineering
- All faculty successfully completed 30Hrs Student Development Program organized by ETRX Dept. from July'21 to October'21 in VIT, Mumbai.
- Two mini project groups guided by Prof. Amaya Pethe participated in online National level project idea competition “ThinkTech 2K21” organised by Don Bosco College of Engineering, Goa. Both groups were shortlisted for second round of video submission after first round of abstract submission. One group (ETRX-3-Mini-21) secured the **second prize**.
  - Above teams also participated in the 7th edition of India's largest science festival, India International Science Festival (IISF) organized in Goa this year by the Ministry of Science and Technology, Ministry of Earth Science, Government of India, and Vijnana Bharati and as a part of it, Engineering Students Festival 2021 (ESF2021) is being organized, on December 11-12, 2021 in hybrid mode. One group (ETRX-3-Mini-11) was shortlisted presentation on 11th December 2021
- Prof. Akhil Masurkar and team presented a paper “VIGILANT-A Car Accident Prevention System based on Driver Drowsiness in the 18<sup>th</sup> INDICON-2021 held in hybrid mode from 19<sup>th</sup> -21<sup>st</sup> December 2021
- Prof. Akshata Bhat was the primary evaluator in Toycathon 2021, which was jointly organized by AICTE and Ministry of Education's INNOVATION CELL (Government of INDIA)

“

I will tell you how to become rich. Close the doors. Be fearful when others are Greedy. Be greedy when others are fearful.

Warren Buffet

”

### Fintech Club Activities

VIT Vellore Institute of Technology Accredited A+ by NAAC

FINTECH

**Fintech Club**  
PRESENTS

**Basics of Stock Market and Crypto Currency**

Speaker: Harsh Yadav  
Co Founder,  
Wise Traders Academy  
Registered NSE member  
and sub broker

Date: Oct. 20 2021  
Time: 7 Pm  
Venue: Teams

**\*E-certificates will be provided**

- Participants gained knowledge about Stock Market, Crypto-currency, IPOs and many other financial terms.
- The Speaker Mr. Harsh Yadav made the webinar very interactive and gave cash prizes to the students who answered the questions.
- 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 crypto trading was explained using live example of graphs .

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FINTECH

Webinar

FINTECH VIT  
Presents

**Master In Management**

GUEST SPEAKER  
Brendon Low (MBA Strategic Thinker)

BUSINESS ANALYTICS

Monday 5:00PM November 15, 2021

Experience  
Assistant Director  
Recruitment and  
Business  
Development,  
Singapore

INSEAD is consistently ranked among the world's top business schools

@Fintech\_vit

Our speaker who did MBA from Singapore University, Brenden Law.

- He explained how to prepare for management positions or as founders of start-up companies.
- A participant who has flexible management skills can pursue MBA.
- He informed us about The Business school of the world, INSEAD.
- Types of Master programme available at INSEAD.
- Participants who want to apply in INSEAD were informed about admission Process and dates.
- He even Cognized scope after MBA in INSEAD.
- Interactive QnA session.

## UPCOMING EVENTS

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- Proposal for Enrichment of all departmental laboratories.
- ESSA- Hackatronics in the Month of February 2022
- IEEE -IRIS on 5<sup>th</sup>,6<sup>th</sup> and 12<sup>th</sup>,13<sup>th</sup> February 2022

“  
“*In the depth of winter,  
I finally learned that  
there was in me  
an invincible summer.*”  
- Albert Camus,  
Nobel Prize-winning philosopher  
”

THE  
**EDITORIAL TEAM**

PROF. AMAYA PETHE  
Chief Editor