



Since 1962

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The Organizing Committee (Top-Bottom, L-R): Dr. (Mrs.) Gresha Bhatia (Deputy Head, Department of Computer Engineering), Mrs. Smita Jangle, (Deputy Head, Department of Information Technology), Dr. (Mrs.) Dhanamma Jagli (Deputy Head, Department of Master of Computer Applications), Mrs. Asha Bharambbe (Associate Professor, Department of Information Technology), Dr. (Mrs.) Sujata Khedkar (Associate Professor, Department of Computer Engineering), Mrs. Mannat Daultani (Assistant Professor, Department of Computer Engineering), Mrs. Vaishali Gatty (Assistant Professor, Department of Master of Computer Applications), Mrs. Mona Deshmukh (Associate Professor, Department of Master of Computer Applications), Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology)

STTP on Blockchain and its Applications: Phase 3

-C S Laxmi

VESIT's Department of Information Technology, in association with the Department of Computer Engineering and the Department of Master of Computer Applications, organized an online Short Term Training Program on Blockchain and its applications. Phase three of the event was held from 12th July 2021 to 17th July 2021 on the topic 'Blockchain Application Development' under the guidance of the VESIT Internal Quality Assurance Cell (VESIT IQAC) and the Institution's Innovation Council (IIC).

The week-long event, sponsored by AICTE (All India Council for Technical Education) was conducted to familiarize the educators and industry personnel with the different emergent technologies like blockchain, artificial intelligence, and the Internet of Things. The event was described as a 'comprehensive series of workshops that will start from Fundamentals to developing real-life applications using Blockchain.'

Course Coordinators:



Course Coordinators (Top-Bottom, L-R): Dr. (Mrs.) M. Vijayalakshmi (Vice Principal, VESIT), Mrs. Lifna C S (Assistant Professor, Department of Computer Engineering), Mrs. Sangeeta Oswal (Assistant Professor, Department of Master of Computer Applications), Mrs. Vidya Pujari (Assistant Professor, Department of Information Technology),

Day 1 :

The event started with Mrs. Mannat Daultani (Assistant Professor, Department of Computer Engineering) welcoming everyone, followed by Saraswati Puja. Dr. (Mrs) M. Vijayalakshmi (Vice Principal, VESIT) gave an overview of what could be expected from the program. She also expressed her gratitude to the dignitaries and the participants for their presence. Later, Dr. Mrs. Nupur Giri, (Head, Department of Computer Engineering) introduced the speakers for the event.



Spaeker of Day 1 - Day 3: Mr. Jetso Analin
(Founder - KubixSquare, Code-X)

The first session of STTP was led by Mr. Jetso Analin, Founder KubixSquare, Code-X. He is also a Technical Trainer in Technologies such as Blockchain, Rest APIs using NodeJS and Frameworks for Frontend and has been a part of multiple training sessions for over more than 30 colleges and training more than 5000+ students on latest Technologies and making them Industry ready. The session started with a Recap Of Hyperledger Fabric, its architecture, the difference between Ethereum and Hyperledger fabric on characteristics like a description of platform, governance, mode of operation, consensus, smart contracts, currency, etc. this was followed by a demonstration of installation of couchDB in Hyperledger and CouchDB Index.

Mr. Jetso continued the second session of the first day with the installation of prerequisites like Docker, Docker compose, GoLang, CA Fabric server. This was succeeded by the speaker giving an idea about the creation of smart contracts.

Day 2 :

The second day continued with Mr. Jetso Analin. Here, he discussed HyperLedger Chaincode Fabric with Introduction to GoLang, explaining it with snippets from the code. Participants were encouraged to build the code of Hyperledger Chaincode Fabric while the speaker clarified queries during the session.

The afternoon session continued with Mr. Jetso beginning on the concepts of Functions of chain code with respect to GoLang. Execution of code like creating smart contracts, registering clients, transferring ownership, etc.

Day 3 :

On the third day of the event, **Mr. Jetso Analin** began the session with an introduction to Chaincode Stub Interface. Later, he explained the Chaincode execution model and demonstrated secure peer chain code interaction, distinct chain code support service for the peer, TLS support for the interaction chain code-Peer, and dynamically configurable client certificates for the chain code process. Finally, the speaker explained the functions in Chain code. The participants were prompted to perform the operations with him.



Day 4: Speaker - Mr. Soham Zemse (Blockchain Engineer, Blockology)

The second session of the day covered the topics of smart contract architecture. Also, the topic of Testing GoLang Framework was explained and the speaker demonstrated it with a hands-on session.

Day 4 :

The speaker for the fourth day of the STTP was **Mr. Soham Zemse** (Blockchain Engineer, Blockology). His expertise lies in building a Plasma-based sidechain for scaling Era Swap Ecosystem, with Ethereum mainnet as the parent chain & developed-to-deployed some DeFi smart contracts on Ethereum Mainnet. He has also various conducted Blockchain workshops in reputable colleges like NIT Allahabad, NMIMS Mumbai, GTU, etc. The session started with an introduction to the Interplanetary File system, IPFS topologies, and some basic concepts related to IPFS. The participants were guided through the installation process of IPFS, the process of Adding files to IPFS, Viewing files uploaded to IPFS, and other topics.



DAY 5: Speaker - Mr. Jetso Analin (Founder - KubixSquare, Code-X) - Introduction of Blockchain as a service

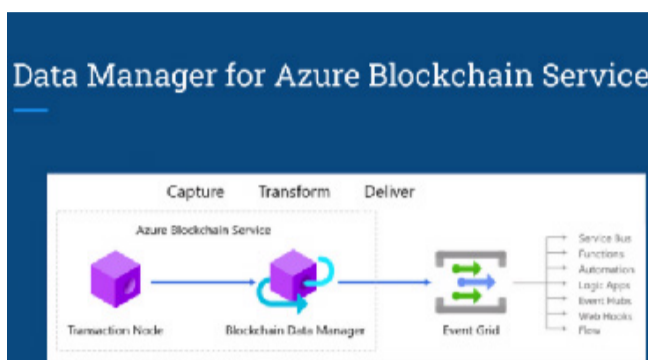
The second session was continued with some basic insights on Ethereum and some demonstrations using IPFS and Ethereum Smart Contract. This was followed by explanations on IPNS, Versioning content over IPFS using Inter

Planetary Linked Data, and Running Javascript Javascript project using IPFS.

Day 5 :

Mr. Jetso Analin (Founder - KubixSquare, Code-X) was the speaker for the fifth day of the event. He began by introducing Blockchain-as-a-Service and elaborated on the following topics. :

- Cost of self-hosted Blockchain Vs BaaS Offering.
- Criteria for selecting partners for setting up the



Screenshot of the Introduction of Blockchain as a service presentation

- BaaS Infrastructure.
- Pros and cons of BaaS.
- Features of Azure Blockchain.
- Datamanager for Azure Blockchain Service.
- Building with Azure Blockchain.
- Blockchain Workflow Application.

Moreover, during the Hands-on Session, the speaker gave a video demonstration on setting up an Azure Blockchain Solution



Day 6: Speaker - Dr. T. Rajani Mangala (Professor, Department of Electronics)

The second session started with a discussion on scalability issues encountered in Blockchain. The participants were given an idea on HashGraphs and Features of Hash Graphs while the speaker explained about Hedera Hashgraph Vs Blockchain, DAG, Comparison Between Hashgraph, Blockchain and DAG, and the future of these technologies.

Day 6 :

The final day of the third phase was led by **Dr. T. Rajani Mangala** (Professor, Department of Electronics). The following topics were covered in the session:

- How has the NEP changed from 1947, 1968, 1986, 1992, and the recent NEP 2020?
- How NEP 2020 has major reforms and its holistic approach with key principles
- Major Reforms in School education in NEP 2020
- Major Reforms in Higher Education in NEP 2020.
- The additional key focus and Transforming education.

Phase three of STTP on 'Blockchain Platform & its Applications' concluded on 17 July 2021 with a Valedictory Function in the presence of dignitaries and participants. **Ms. Sukanya Roychowdhury** (Assistant Professor, Department of Information Technology) summarized the



Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology) gave the vote of thanks

events, followed by the Vote of Thanks expressing our gratitude towards the Experts from Industry and the Academia for their contribution which made the event a very successful one.

The majority of the participants shared their extraordinary learning experience during the STTP via the chatbox. **Mrs. Rohini Sawant** (Assistant Professor, Department of Information Technology) described the event as "A greatly informative session. It was well-conducted and timely managed". **Mrs. Ashwini Sawant,**

**History of National Education Policy -1968**

- The first National Policy on Education was proposed in 1968 - Based on the report and recommendations of the Kothari Commission (1964-1966),
- "It proposed equal educational opportunities in order to achieve national integration and greater cultural and economic development"
- Important Features are:
 - Compulsory education for all children up to the age of 14
 - Specialized training and qualification of teachers
 - The learning of regional languages, outlining the "three language formula"

DAY 6: Screenshot of National Education Policy (NEP) and its history

Assistant Professor, Department of Electronics and Telecommunication' commented, "the sessions were very informative and knowledgeable. It was a well-organized program".

Course Coordinators:

Dr. (Mrs.) M. Vijayalakshmi (Vice Principal, V.E.S.I.T.)

Mrs. Sangeeta Oswal (Assistant Professor, Department of Master of Computer Applications)

Mrs. Vidya Pujari (Assistant Professor, Department of Information Technology)

Mrs. Lifna C S (Assistant Professor, Department of Computer Engineering)

Organizing Committee:

Dr. (Mrs.) Gresha Bhatia (Deputy Head, Department of Computer Engineering)

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Mrs. Asha Bharambhe (Associate Professor, Department of Information Technology)

Dr. (Mrs.) Sujata Khedkar (Associate Professor,

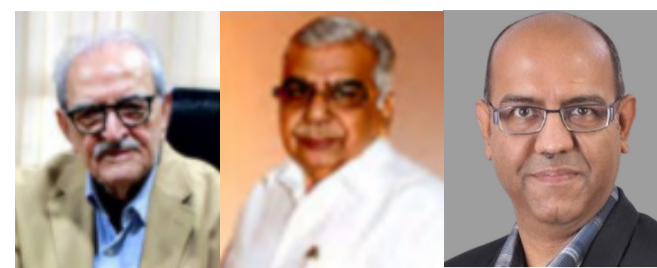
Department of Computer Engineering)
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The Project Monitoring Committee:

Dr. (Mrs.) J. M. Nair (Principal, VESIT)
Dr. (Mrs.) M. Vijayalakshmi (Vice Principal, VESIT)
Dr. (Mrs.) Nupur Giri (Head, Department of Computer Engineering)
Dr. (Mrs.) Shalu Chopra (Head, Department of Information Technology)
Dr. Shiv Kumar Goel (Head, Department of Master of Computer Applications)



Project Monitoring Committee (Top-Bottom L-R): Dr. (Mrs.) J. M. Nair (Principal), Dr. (Mrs.) M. Vijayalakshmi (Vice Principal), Dr. (Mrs.) Nupur Giri (Head, Department of Computer Engineering), Dr. Shiv Kumar Goel (Head, Department of Master of Computer Applications), Dr. (Mrs.) Shalu Chopra (Head, Department of Information Technology),



Chief Patrons: (L-R): Shri. B. L. Boolani (President, VES), Shri. Amar Asrani (Secretary, VES) Shri. Vijay Talreja (Co-Founder, Adapty)

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Faculty Development Program on Electric Vehicles

-Priyal Singh

An ATAL (AICTE Training and Learning) sponsored five-day online **Faculty Development Program (FDP)** on 'Electric Vehicles' organized by the VESIT Renaissance Cell in association with the Department of Electronics and Telecommunication Engineering, Department of Instrumentation Engineering and VESIT-IIC was held from the 5th to the 9th of July under the guidance of VESIT IQAC.

The prime objective of the FDP was to provide a platform and an industrial viewpoint to the upcoming researchers keen on working in the areas of Power Electronics in Smart Grids Energy Management and Storage, Power Electronics in Electric Vehicles, Multilevel Inverters, and Battery Charging Systems. A total of 150 participants including academia and industry personnel registered for the FDP.

Each day, three interactive sessions where various coveted guest speakers elucidated on their fields of specialization were conducted on online platforms and streamed on the VESIT Digital Youtube channel. The queries of the program attendees were answered satisfactorily during the sessions.

Guest Speakers :

Mr. Rakesh Tyagi, Customer Service Manager, AVL India Pvt. Ltd.
Mr. Christie Fernandez, Founder: Soorya EV Pvt. Ltd.
Mr. Prasad Gangurde, Business Development Executive, Magenta Power
Mr. Sadeep Sasidharan, Sr. Application Engineer, PWSIM Engineering Solutions
Dr. (Mr.) M. Siva Kumar, Engineer at SCSVMV University
Mr. Prasanth Pathiyil, Senior Expert & Lead CoE Electrification, Bosch
Dr. Sheldon Williamson, Professor, University of Ontario, Canada
Mr. Vipinkumar Pawar, Coordinator, ISRO-IIRS Outreach Program, ISRO, Dehradun
Mr. Gajanan Kulkarni, KPIT Technologies LTD
Dr. Shreenivas Jog, Professor (EXTC) at D. Y. Patil Institute of Technology
Mrs. Pallavi Pawar, Yoga Trainer
Mr. Yogesh Soman, Program Management Professional, Mahindra & Mahindra

DAY 1: 5th July 2021



(L-R): Dr. J. M. Nair (Principal VESIT) and Mrs. Shoba Krishnan (Head of Electronics and Telecommunication Department) addressed everyone in the inaugural event

At the inaugural event, at 9:00 a.m. our Principal, **J. M. Nair** addressed the audience, after giving a warm welcome to all the attendees. Further, **Mrs. Shoba Krishnan (Head of Electronics and Telecommunication Department)** extended heartfelt gratitude to AICTE for sponsoring the STTP and to the dignitaries and participants for attending it. After the pleasantries, three sessions were conducted with intervals of 15 minutes.

Session 1:

The first session began with **Mr. Rakesh**



Day 1 Session 1 speaker: Mr. Rakesh Tyagi, Customer Service Manager, AVL India Pvt. Ltd.

Tyagi introducing the concept of Electric Vehicles. He's currently working as a General Manager in Customer Service and Head - Training & Skills

Development. Previously he used to work with Schenck Avery Limited as an Engineer in the Customer Service department. Therefore, the main focus of the session was on Testing Facilities and Instrumentations related to Electric Vehicles. He explained measures related to safety and electric supply regulations, the early history of electric vehicles, and categories of Electric Vehicles in India in detail. Later, detailed examples of Electric Vehicles and their hardware and components were discussed. The session was very interesting and a lot of appreciation was received from the attendees. Satisfactory answers were given by a resource person to all the queries put forth by the participants.

Session 2:

Mr. Christie Fernandez continued the



Day 1 Session 2 speaker: Mr. Christie Fernandez, Founder: Soorya EV Pvt. Ltd.

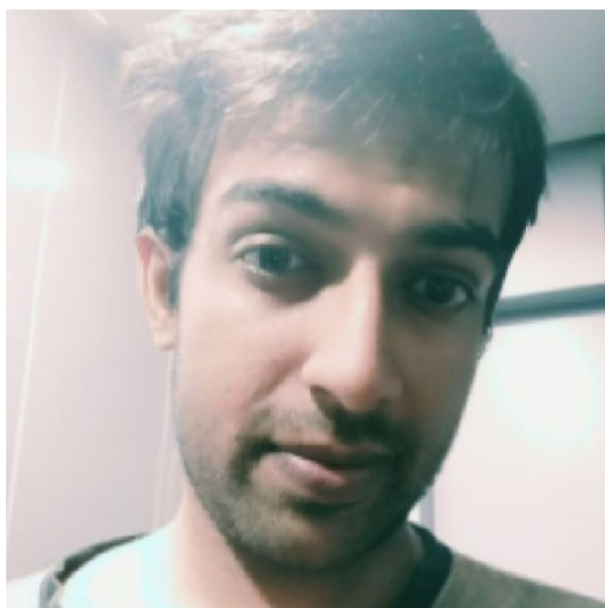
sessions at 11:15 AM. by elucidating on the market value of Electric Vehicles. He's the founder of Soorya EV Pte Ltd and on a mission to create a positive impact in clean transportation & energy. Mr. Fernandez is often quoted in publications and invited to speak at conferences globally on innovation in the automobile industry, renewable energy, battery swapping, and purpose-built Electric Vehicles for the developing world.

The session began with an explanation of the burgeoning need for Electric Vehicles. The various topics like powering transport with solar energy, EV scenarios in Singapore & EV opportunities were discussed with very useful animation videos.

Session 3:

Day 1 Session 3 speaker: Mr. Prasad Gangurde, Business Development Executive, Magenta Power

The last speaker for the day was **Mr. Prasad Gangurde** who is a Business Development Executive at Magenta Power. He spoke on the topic - Hardware of Electric Vehicles. Different charging protocols were well explained in the session. The session started with the fame-II policy where EV push was discussed, along with a detailed classification of onboard charging and off-board charging with the types of charging like AC and DC. Next, an overview of different charging protocols was discussed in detail. Different types of connectors and sockets for AC and DC were also covered by the resource person. He also told the audience about the comparison between swapping and charging models, architecture for EV and charging infrastructure, etc., hence concluding the day at 4:00 PM.

DAY 2: 6th July 2021**Session 1:**

Day 2 Session 1 speaker: Mr. Sadeep Sasidharan, Sr. Application Engineer, PWSIM Engineering Solutions

The first session of Day two was actively handled by **Mr. Sadeep Sasidharan** who is skilled in Failure Mode and Effects Analysis (FMEA), Reliability Engineering, Electric Vehicles, and Electrical Machines. Mr. Sasidharan is a Senior Application Engineer for the JMAG Team in PWSIM Engineering Solutions, Bangalore. The following topics were discussed in detail -

- Types of motors
- Rare earth motors deciding on the size
- Design flowchart
- Calculating torque density
- Specifying magnetic geometry
- Deciding on the number of coils
- Initial design proposal
- Realization using JMAG (Introduction to FEA)

Session 2:

The second session was handled by **Mr. Rakesh Tyagi**. He explained in detail the automation system with the AVL electrification system. The session started with 5 safety rules for high voltage. The AVL electrification system was also explained by the resource person in detail. The other topics which were discussed were, the principle of E-storage BTE, E-motor test use cases, peak performance characteristics, and inverter tested topology. There were numerous queries, all of which were answered by **Mr. Tyagi** enthusiastically.

Session 3:

Day 2 Session 3 speaker: Dr. M. Siva Kumar, Engineer at SCSVMV University

The third session was hosted by **Dr. M. Siva Kumar**, who's a coveted guest speaker in the field of engineering and has more than twenty years of technical and teaching experience in engineering. **Dr. Kumar** also has a Youtube channel where he posts MATLAB-related videos for all engineering streams.

During the session, he explained the MATLAB Simulink in detail. He introduced the platform of MATLAB while also relating the software with Electric Vehicles during a hands-on demonstration. The session was largely a practical session, due to which the attendees were very appreciative of the session.

DAY 3: 7th July 2021**Session 1:**

Day 3 Session 1 speaker: Mr. Prasanth Pathiyil, Senior Expert & Lead CoE Electrification, Bosch

The speaker for Day 3, Session 1, **Mr. Prasanth Pathiyil** is currently leading the Centre of Excellence for Electrification at Bosch. He has more than ten years experience in the EV domain and has also been a speaker for major technical symposiums (IEEE, IE, IITs, NITs, etc) and has a deep research background with over 15 international technical publications and 5 patents. **Mr. Pathiyil** commenced the third day by speaking about Electric Vehicle Topology. The main contents

of this session were EV basics and topologies, EV modeling, and controls. Vehicle modeling related to Electric Vehicles was discussed in detail.

Session 2 & 3:

Day 3 Session 2 & 3 speaker: Dr. Sheldon Williamson, Professor, University of Ontario, Canada

In the second session, **Dr. Sheldon Williamson** engaged the attendees in a riveting discussion about DC Fast Charging strategies for Electrified Transportation. **Dr. Williamson** is currently a Professor (Department of Electrical, Computer and Software Engineering) and Director of Smart Transportation Electrification and Energy Research (STEER) Group, at the Ontario Tech University, Oshawa, Canada. His current research interests include advanced power electronics, electric energy storage systems, and motor drives for transportation electrification.

During the talk, advanced power electronics solutions for rapid charging using wireless power transfer (WPT) were discussed. **Dr. Williamson** concluded the third day by discussing Smart health-conscious battery management systems for Autonomous E-Mobility.

DAY 4: 8th July 2021**Session 1:**

Day 4 Session 1 speaker: Mr. Vipinkumar Pawar (Coordinator, ISRO-IIRS Outreach program, ISRO, Dehradun)

Mr. Vipinkumar Pawar graced the attendees with his presence by beginning Day 4 Session 1 on the topic of Energy Management aspects of Electric Vehicles. He is a Certified Research Advisor at Elsevier and an Outreach Network Coordinator at ISRO. He also won the Research Excellence Award winner in 2020.

A detailed classification of EVs and all EV vehicles along with the classification of EV charging infrastructure were discussed in detail during the session. Furthermore, the communication network for EV charging and safety design concept to prevent fire hazards from batteries was explained.

Session 2:

Day 4 Session 2 speaker: Mr. Gajanan Kulkarni,
KPIT Technologies LTD

The second session of the day was successfully handled by **Mr. Gajanan Kulkarni** who is an experienced System Architect with a history of working in the design and development of hybrid electric and fully electric buses. He is also experienced in the industrial automation industry.

At the start of the session, he introduced the EV market and EV architecture in detail. Along with it, all EV parameters like vehicle details, accessories, Axle and suspension, performance parameters and battery specification, traction motor & transmission, and their requirements were discussed in detail. He also explained Lithium batteries and the terminologies used in batteries.

Session 3:

Day 4 Session 3 speaker: Dr. Shreenivas Jog,
Professor (EXTC) at D. Y. Patil Institute of
Technology, Pune

Dr. Shreenivas Jog, Professor (EXTC) at D. Y. Patil Institute of Technology, Pune was the speaker of the last session of the 4th day. Dr. Jog has done Ph.D. in Electronics and Telecommunication from COEP and has published about 115 papers in National and International Conferences and Journals. In the session, he described the basic concepts of EMI/EMC in the session. He also explained two case studies related to a music infotainment system and a vehicle diagnostic ECU kit.

DAY 5: 9th July 2021**Session 1:**

Mrs. Pallavi Pawar has completed her B.E. (Instrumentation) from VESIT in the year 1990. She is a Certified Yoga Trainer and a German Language Tutor.

The fifth day was not only an exercise for the mind but also the body when Mrs. Pawar commenced the day by talking about Stress Management and demonstrating various basic Yoga exercises for the attendees. All the attendees were deeply appreciated Yoga and breathing exercises due to the sheer relaxation the activities provided.



Day 5 Session 1 speaker: Mrs. Pallavi Pawar, Yoga
Trainer, VESIT Alumni (INST-Batch of 1990)

Session 2:

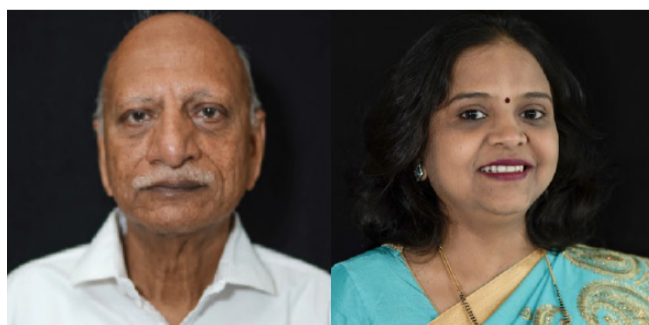
Mr. Yogesh Soman works as a Platform Program manager looking after a portfolio of commercial vehicle programs with Mahindra and Mahindra, an automotive company. Mr. Soman recently completed an Electric Vehicle program where he tested, built, and delivered electric vehicles. overcoming several technical, supply chain, and regulatory challenges.

He wrapped up the FDP Guest Speaking Sessions by presenting a case study from a manufacturer's perspective on Converting an ICE Vehicle to an Electric Vehicle.



Day 5 Session 2 speaker: Mr. Yogesh Soman,
Program Management Professional, Mahindra &
Mahindra

The five-day FDP came to an end with the Valedictory Function wherein **Dr. (Mr.) P. P. Vaidya** (Head of Instrumentation Department) accentuated the importance of Electric Vehicles. **Mrs. Monali Chaudhari** (Assistant Professor, Department of Electronics & Telecommunication) signed off the event with a vote of thanks to the dignitaries and attendees. Later, a quiz based on the FDP was conducted, of which the participants became eligible for the ATAL FDP Certification.



(L-R): Dr. (Mr.) P. P. Vaidya (Head, Dept of
Instrumentation) and Mrs. Monali Chaudhari
(Asst Professor, Dept of Electronics &
Telecommunication) concluded the event

Mrs. Arti Sawant (Assistant Professor, Department of Electronics and Telecommunication), one of the FDP participants, said, "The FDP proved to be a great learning experience with eminent speakers who had a thorough knowledge of the field. It gave me a new perspective on the different aspects of this research. It was very well organized."

The following faculty was responsible for the organization and the coordination of the program:

FDP Chief Coordinator:

Dr. J. M. Nair, Principal, VESIT

FDP Co-coordinator:

Mrs. Monali Chaudhari (Assistant Professor, Department of Electronics & Telecommunication)



FDP Coordinator & Co-coordinator (L-R): Dr.
(Mrs.) J. M. Nair (Principal, VESIT), Mrs. Monali
Chaudhari (Asst Professor, Dept of Electronics &
Telecommunication)

Organizing Committee:

Mrs. Amudha Senthilkumar (Assistant Professor, Department of Instrumentation)

Dr. (Mrs.) Keya Doshi (Assistant Professor, Department of Humanities & Applied Sciences)

Mr. Mrugendra Vasmatkar (Assistant Professor, Department of Electronics and Telecommunication)

Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology)

Chief Patrons :

Shri. B. L. Boolani, President, VES

Shri. Amar Asrani, Secretary, VES

Shri. Suresh Malkani, Treasurer, VESIT

Shri. Dr. Prakash Lulla, Trustee, VESIT

Shri. Vijay Talreja, Co-Founder, Adapty

Dr. (Mrs.) J. M. Nair, Principal, VESIT

Dr. (Mrs.) M. Vijayalakshmi, Vice Principal,
VESIT



FDP Organizing Committee (Top-Bottom,
L-R): Dr. (Mrs.) Keya Doshi (Asst Professor,
Dept of H & S), Mrs. Amudha Senthilkumar
(Asst Professor, Dept of Instrumentation), Mr.
Mrugendra Vasmatkar (Asst Professor, Dept
of Electronics & Telecommunication), Ms.
Sukanya Roychowdhury (Asst Professor, Dept of
Information Technology)

E- SANCHAR: Project Exhibition 2021

-Puja Mahankunda

Department of Electronics and Telecommunications Engineering in association with IIC and IQAC presented a Project Exhibition E-SANCHAR 2021 to showcase selected final year innovative projects associated with various technological domains.

This inspiring event took us through a mind-blowing demonstration of the top 18 exemplary final year projects of the academic year 2020-2021. The exhibition contained projects of 3 categories:

- 1) Safety & Disinfection during COVID-19
- 2) Social Projects
- 3) Security and Surveillance.

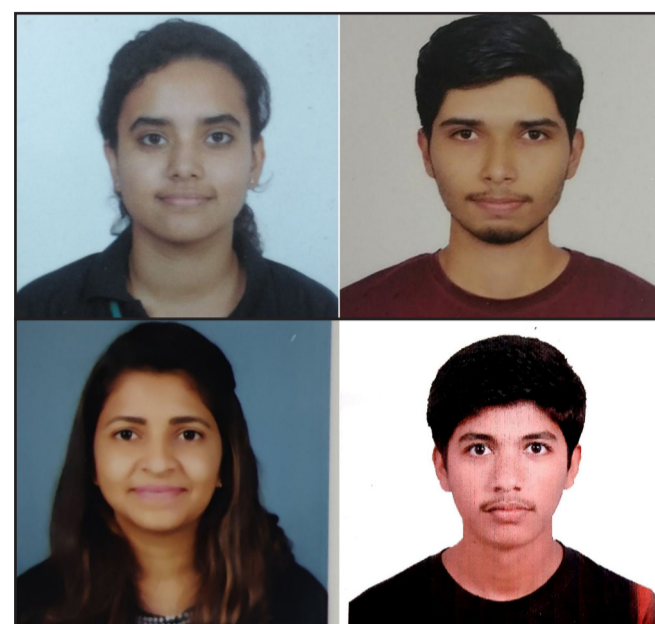
In the beginning, students were instructed to give a demo presentation of the project, based on which they were short-listed by the Project Head. All the selected teams then made a final presentation/video to display for the final round, explaining their respective projects then shared it on VESIT's official website and EXTC YouTube channel. The YouTube link was active from 1st July

2021 at 10:00 am to 2nd July 2021 up to 11:59 pm for the competition.

The results were calculated based on the "NUMBER OF LIKES", on the YouTube channel. Commenting on the winning project video, **Mrs. Shoba Krishnan (Head, Department of Electronics and Telecommunication)** said, "Socially relevant with latest tools!"

Pratik Manurkar (D19B) says, "As the exhibition was held fully online, we promoted our project videos on different social media platforms, shared with my relatives and friends. Everyone participated in the exhibition with full enthusiasm and did a great job on creating final year projects with limited resources due to the lockdown."

Devendra Bhavsar (D19C) says, "Because of the covid situation, we faced many issues as our project was mostly based on hardware, yet my team members were all quite co-operative and our project mentor Dr. Nandini Amanagi Ma'am (Assistant professor, Department of Electronics and Telecommunication) also helped us a lot!"



First Place Winner (Top-Bottom, L-R): Rochana Desai (D19B), Pratik Manurkar (D19B), Mrunal Panari (D19B), Varad Mapuskar (D19B)

Juhi Ajwani (D19A) says, "Our project titled 'Malware Detection using Machine Learning' was guided by **Dr. Ranjan Bala Jain** (Professor, Department of Electronics and Telecommunication). With technology advancing multifold security becomes a challenge. We aimed at flagging malwares in.exe files and URLs and successfully achieved an accuracy greater than 98% in detecting malware in both."



Second Place (Top-Bottom, L-R): Devendra Bhavsar (D19C), Gaurav Daware (D19C), Kishor Hotkar (D19C), Nikhil Gunjal (D19C)

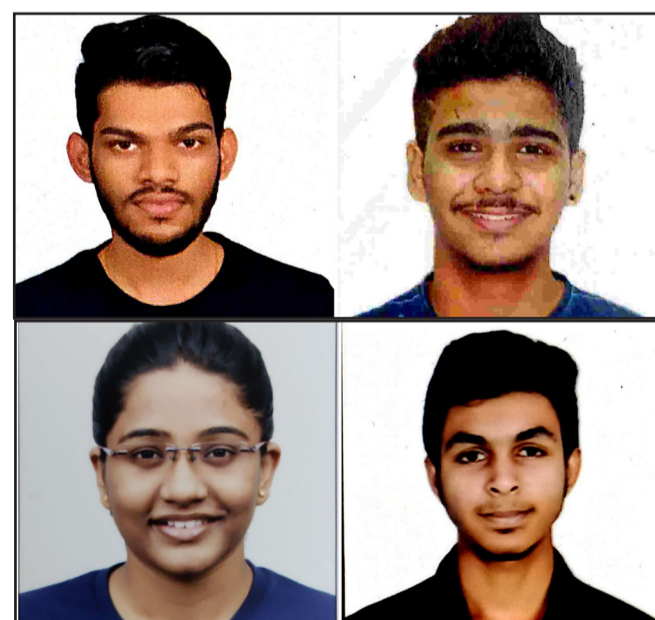


Third Place (Top-Bottom, L-R): Juhi Ajwani (D19A), Jyeshtha Prabhu (D19A), Atharva Narkhede (D19A), Abhishek Badhe (D19A)



Fourth Place (Top-Bottom, L-R): Nalini Darekar (D19C), Manali Kathale (D19C), Shubham Raut (D19C), Sumati Chavan (D19C)

Position	Group No.	Student Details	Title of the Project	Guide Name	Tracks
First	B4	Pratik Manurkar (D19B) Varad Mapuskar (D19B) Mrunal Panari (D19B) Rochana Desai (D19B)	Human Gaze Controlled Keyboard	Dr. C D Rawat (Deputy Head, Department of Electronics and Telecommunication)	Track 1: Safety & Disinfection during COVID-19
Second	C11	Devendra Bhavsar (D19C) Gaurav Dawre (D19C) Nikhil Gunjal (D19C) Kishor Hotkar (D19C)	Automatic Ration Distribution System Based on GSM	Dr. Nandini Ammanagi (Assistant Professor, Department of Electronics and Telecommunication)	Track 2: Social Projects
Third	A16	Juhi Ajwani (D19A) Abhishek Badhe (D19A) Jyeshtha Prabhu (D19A) Atharva Narkhede (D19A)	Malware Detection using Machine Learning	Dr. Ranjan Bala Jain (Professor, Department of Electronics and Telecommunication)	Track 3: Security & Surveillance
Fourth	C10	Manali Kathale (D19C) Nalini Darekar (D19C) Sumati Chavan (D19C) Shubham Raut (D19C)	Covid Frontline Assistant Robot	Mrs. Ashwini Sawant (Assistant professor, Department of Electronics and Telecommunication)	Track 1: Safety & Disinfection during COVID-19
Fifth	C7	Shriya Chavan (D19C) Neerav Thakur (D19C) Meet Sangoi (D19C) Mayuresh Pandit (D19C)	Smart car system	Mrs. Neeta Chavan (Assistant professor, Department of Electronics and Telecommunication)	Track 3: Security & Surveillance



Fifth Place (Top-Bottom, L-R): Mayuresh Pandit (D19C), Neerav Thakur (D19C), Shriya Chavan (D19C), Meet Sangoi (D19C)

e-Pradarshani 2021

-Ashutosh Mishra

The Department of Computer Engineering, in association with IIC (Institute Innovation Cell) and IQAC (Institute Quality Assurance Cell), organized an “e-Pradarshani”, which took place between 12th July to 20th July 2021. e-Pradarshani is an online platform used to exhibit the projects performed by the students of Computer Engineering department.

The event showcased the past 120 projects, which are summarized in the annual booklet, 'Prakalp'. Hence, forming the core of the efforts put in by the faculty and students as a team towards innovation and research. The event, while promoting, also aimed at inculcating research aptitude and enhancing industry readiness.

The webinars for the “e-Pradarshani” was held on 12 July 2021. It began with the host **Mrs. Priya RL** (Assistant Professor, Department of Computer Engineering) welcoming the guests, followed by the Keynote address by **Dr. (Mrs) Nupur Giri** (Head, Department of Computer Engineering). The students' rules and regulations for the project to be performed in their upcoming semesters were explained in detail by **Dr. Gresha Bhatia** (Deputy Head, Department of Computer Engineering). **Dr. (Mrs) Sharmila S Sengupta**, (Associate Professor, Department of Computer Engineering) further guided the students on Innovation and Research.

Orientation took place for the third and fourth-year students, by **Mrs. Priya RL** (Assistant Professor, Department of Computer Engineering), and **Mrs. Mannat Doultani** (Assistant Professor, Department of Computer Engineering), respectively. This event had the objective of introducing software development to students thereby guiding them with research for the project and filling the patents. The students were able to choose their domain with guidance from their mentors, thereby conducting a better literature survey for their research and following timely submissions and adhering to rules set by the University of Mumbai.

The major areas in which the Computer department specializes were explained to the students in detail. They include

- AI, Machine Learning and Deep Learning
- Data Warehousing and Big Data Analytics
- IoT and Robotics
- Image Processing and Multimedia
- Networking and Security(Blockchain)
- High-performance computing
- Cloud Computing

After the brainstorming sessions, students were given time to form teams, choose their domains according to their preference and eventually finalize their projects.



e-Pradarshini Website

Manasvi Patwa (D12C) said, “I find these sessions extremely informative and comprehensive. It promoted a culture of innovative thinking among us. It helped the students gain deep insight and knowledge on how to develop a successful project. Many innovative projects discussed in e-Pradarshini helped us choose our domain of interest.”

e-Pradarshani Coordinators:

Project Convener: Dr. (Mrs.) Gresha Bhatia (Deputy Head, Department of Computer Engineering)

e-Pradarshani Coordinator: Mr Richard Joseph (Assistant Professor, Department of Computer Engineering)

BE Project Coordinator: Mrs Mannat Doultani (Assistant Professor, Department of Computer Engineering)

TE Project Coordinator: Mrs Priya RL (Assistant Professor, Department of Computer Engineering)

SE Project Coordinator: Mrs Vidya Zope (Assistant Professor, Department of Computer Engineering)



e-Pradarshani Coordinators: (Top-bottom, L-R): Dr. (Mrs.) Gresha Bhatia (Project Convener), Mr. Richard Joseph (e-Pradarshani coordinator), Mrs. Vidya Zope (SE Project Coordinator), Mrs. Priya RL (TE Project Coordinator), Mrs. Mannat Doultani (BE Project Coordinator)

CodeCell Faculty Committee Members:

Dr. (Mrs.) Nupur Giri (Head, Department of Computer Engineering)

Mr. Prashant Kanade (Assistant Professor, Department of Computer Engineering)

Mrs. Geocey Shejy (Assistant Professor, Department of Computer Engineering)

Mr. Richard Joseph (Assistant Professor, Department of Computer Engineering)



CodeCell Faculty Committee Members (Top-bottom, L-R): Dr (Mrs) Nupur Giri (Head, Department of Computer Engineering), Mrs Geocey Shejy (Assistant Professor, Department of Computer Engineering), Mr Prashant Kanade (Assistant Professor, Department of Computer Engineering), Mr Richard Joseph (Assistant Professor, Department of Computer Engineering)

CodeCell Student Committee Members:

- Rohan Ghosalkar (D17C)
- Amit Chhabria (D17C)
- Arnav Bagchi (D17C)
- Ajay Khalsa (D17C)
- Jay Dulera (D17C)
- Rakshit Deshmukh (D12A)
- Tejas Mahajan (D12A)
- Vishesh Mittal (D12B)
- Ikjot Khurana (D12B)
- Yashraj Desai (D12B)
- Hritika Singh (D12B)
- Sneha Karthik (D12C)

“Every citizen of India must remember that... he is an Indian and he has every right in this country but with certain ...duties”

- Sardar Vallabhbhai Patel

Councils

Application Development with Flutter Workshop

- Shreya Kukreja

With a view to accentuate the scope of developing Android applications using Flutter, CodeCell VESIT conducted a Flutter workshop of two days dated 8th July and 9th July 2021 on the Google Meet Platform. The workshop received an astounding and wondrous response.

The main objective of the event was to acquaint the participants with Flutter. The workshop commenced with the basics and the introduction of the topic. Any issues faced by the students regarding the technicalities were resolved by the team of CodeCell.

The speaker, **Paras Patil (D12B)** commenced Day-1 of the workshop by explaining every basic User Interface (UI) element, how the final product will look like and elaborated on how to design different screens of the product with a PowerPoint presentation. He also created all the

screens for the user-information application live, for the students to observe and learn.

On the second day, firebase was introduced to the participants by Paras. He showed them the workflow of user authentication, explained and demonstrated the functions of each element of the login workflow namely SignUp, Login, Forgot password, etc. Further, he moved to CRUD with cloud firebase and created a user data model.

The ardent speaker and the enthusiastic students made the workshop a great success. Gratifying feedback was received from the participants by the CodeCell, emboldening them to conduct more such workshops in future.

"The event was a great learning experience. I got to know about so many concepts of flutter in application development. I look forward to more such workshops in future." remarked Prerak Moolchandani (D12A).



Speaker of the Flutter Workshop : Paras Patil (D12B)

Learning Django and REACT with CodeCell

- Mohit Shahdadpuri

Tinkers' CodeCell organised an online workshop on Full Stack Web Development using Django and React. The course, taught by the students of our college, was in collaboration with VESIT-Internal Quality Assurance Cell (IQAC) and Institution's Innovation Council (IIC) and was open to all the Second and Third year students from Department of Computer Engineering. The Django workshop was held from 1st to 3rd July, followed by the React course from 5th to 7th July.

Django is the most popular of all the frameworks available for developers using Python. As the workshop was three days long, the participants had the opportunity to learn this language from scratch. The Django workshop was hosted by **Arnav Bagchi (D17C)**, and **Amit Chhabria (D17C)**. On the first day, they discussed the fundamental concepts of Django and concepts of model classes and object-relational mapping with adequate demonstrations. They concluded the day by discussing database connections and manipulation of file structures using Django.

project. The speakers covered the process of creating a locally hosted MySQL server and then connecting the Django Project with the CRUD application in detail. Lastly, they concluded the workshop by describing the use of Google Accounts, to register on the project site, by using Google OAuth connection.

The React workshop started with the discussion of fundamentals of Javascript and ES6 by the host **Harshita Kanal (D17C)**. She discussed the benefits of learning REACT and the installation process of node.js. She explained how to construct a basic React app using some built-in code. The code was then run and a react app was built to explain the todo component and other features in react. The day ended with a doubt session for the attendees.



Poster of the Django and React Workshop

The technical team was available throughout the workshop to answer the doubts and queries raised by the students. The Django workshop was attended by more than 75 participants while the React workshop was attended by more than 35 attendees. The session received a lot of positive feedback and in a nutshell, it was a 'feather in the cap' of the organizers.

"The sessions were really helpful and informative. They explained how to set up Django and connect it with REACT which is now the most popular framework", said Shubham Zope (D12A), one of the participants.

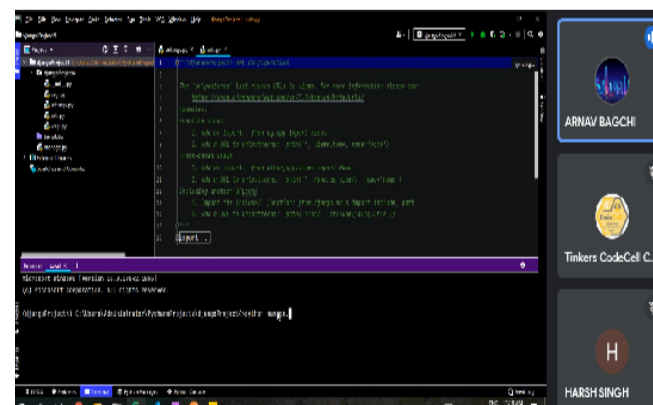


Speakers of Django Session (L-R): Amit Chhabria (D17C) and Arnav Bagchi (D17C)



Speaker of the REACT Session: Harshita Kanal (D17C)

The last session was about using components. The concept of routing multiple pages was explained to the attendees so that building bigger and heavier apps would be much easier. The session concluded with Harshita elaborating on using databases with react. The participants were able to create a form that was storing and changing data in real-time.



Screenshot of the workshop: creation of a Django Project

On the second day, the speakers explained Django templates and the addition of static content like images, CSS and javascript to the Django project. On the third day, the participants, along with the speakers undertook a hands-on Django

VESIT Voice

-Sristi Kushwaha

The month of July passed in a jiffy as all the VESITians are busy with their End Semester examinations. And as soon as the stress and worry of giving online exams washes away from our students, VESIT jumps back into its new normal i.e. online events. Let's have a look at what July has in store for us.

First, we have Phase three of the Short Term Training Program on Block-chain and its applications organized by VESIT's Department of Information Technology, in association with Department of Computer Engineering and Department of Master of Computer Applications an online. Next, we have a five-day online Faculty Development Program (FDP) on Electric Vehicles organized by the VESIT Renaissance Cell in association with the Department of Electronics and Telecommunication Engineering, Department of Instrumentation Engineering and VESIT-IIC. A project exhibition of VESIT's final year EXTC students called 'E-SANCHAR' was held by the Department of Electronics and Telecommunications Engineering which showcased selected projects associated with various technological domains. Department of Computer Engineering with IIC and IQAC organized an online exhibition of projects performed by the students of the Computer Engineering department called 'e-Pradarshani'. Tinkers' CodeCell Council conducted a two-day Flutter workshop as well as an online workshop on Full Stack Web Development using Django and React for the students of the Second and Third year from the Department of Computer Engineering.

In VESIT Diaries, we have Mr. Rido John Tate from the Batch of 2016, Department of Computer Engineering. He is currently working as a Data Processing Assistant for the Government of Arunachal Pradesh. He shares his experience and memories of studying at VESIT, hostel life, his work as a DPA among other things with us.

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Shreya Kukreja

Jagruiti Dhamal

Always a Guide, Teacher & Philosopher

-Anushka Kulkarni & Vaidyanathan Natarajan

Dr. Ramesh Kulkarni Deputy Head of Department of Electronics and Telecommunications retired on 31st May 2021 having served this institution for almost two decades. He has played a pivotal role in taking this glorious institution and the Department to greater heights! Apart from his role in academics, he has been in charge of various committees and Boards which he led and executed with great governance and exemplary execution. He is known for his extremely punctual and earnest nature, and his selflessness is very apparent in the dedication of his work. Kulkarni Sir has an charismatic persona that has inspired a multitude of people, including his students and colleagues. We, at VESIT Connect, reached out to him to have a conversation about his journey at VESIT. Many of his colleagues and students also joined in to bid him a fond farewell.

Q1. How was your experience working in VESIT?

My experience has been fantastic! I worked in VESIT for nearly 20 years. It has been an unforgettable journey. This institution has helped me in my overall growth. I learned a lot of things from this institute.

There are a number of memorable moments where I have helped VESIT. One such moment was the AICTE accreditation. The team came together and handled the show with proficiency. I can proudly say that it was one of the best moments.

Q2. Who are the people whom you fondly remember?

Saxena Madam, Dr.Haridasan and Professor Gokhale, they were like gems. They were my guide

and I learned a lot from them. They taught me how to make a decision and not waver from it. I learned about documentation. I also acquired the skills to tackle problems head on, successfully. I am Also very grateful to Dr. (Mrs.) J. M. Nair (Principal) and Mrs. Shoba Krishnan (Head, Department of Electronics and Telecommunication Engineering). There are many colleagues and professors who I worked with and have great memories with! Also, each and every student I taught is very special to me. Many are still in contact with me and have done very well in life and reached great heights. I would fondly remember all of these people and many more that I worked with over the years.

Q3. How are you planning to spend your time after retirement?

After retiring, I rejoined the institution to finish some pending work and mentor some PhD students. So I didn't really get time to think "what now?" because once again I am busy. Apart from that, I am spending time reading some really good books. I am also reading religious books, vedas, have learnt a few shlokas and do puja for which I didn't get time pre-retirement.

Q4. How did your everyday life look like in VESIT?

I had a very tight schedule. After taking lectures and teaching the students, I used to work with the non-teaching staff and plan the infrastructure. I was always busy doing some work or the other, the moment I entered the college. In my entire career, I have never been late to college and I used to work till 5:30 in the evening.



Dr. Ramesh Kulkarni

Q5. What inspired you to become a teacher and what message would you like to give to the students of VESIT?

My principle has always been that whenever you select a career, you need to be honest and diligent about it. This is what I'll tell all the students as well. Money, success and material things will follow but first you should be earnest about your work and do it diligently. While choosing a career itself think on this!

Don't run behind success. If you are honest and punctual with your work, everything will fall into place.

Heartfelt Farewell Messages for Kulkarni Sir

-Anushka Kulkarni & Vaidyanathan Natarajan

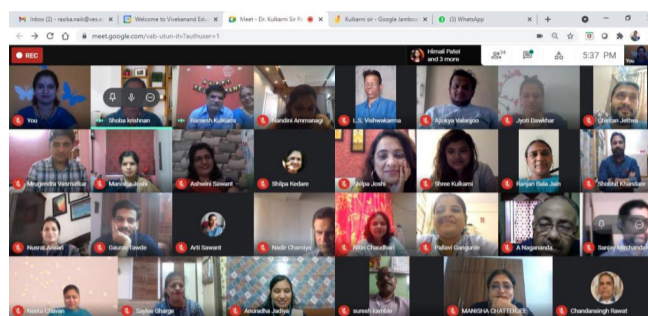
We reached out to some of the professors and students of sir and they gave a heartfelt farewell message for Kulkarni sir.

Mrs. Shobha Krishnan (Head, Department of Electronics and Telecommunications): His compassion towards others is his hallmark! Kulkarni sir has been my right hand while managing a big department like EXTC. Our morals and ethics are always in sync, so we made a formidable team, taking the Department to great heights. On his retirement I wish Kulkarni sir the very best of health and happiness in the years to come!!

Dr. Shilpa Joshi, Head- Academics- India office, Regenesys Business School- South Africa (Ramesh Kulkarni Sir's 1st Ph.D student.): My sincere and heartfelt gratitude and appreciation to a wonderful supervisor for providing me with the guidance and counsel I need to succeed in the PhD program. He has been a great mentor in mapping my PhD journey, advising on a research topic, connecting me with the resources I need, being available and responding to my emails and questions. My supervisor is a doyen in my area of research and his wealth of experience has been the main driver of my program. Prior to being my supervisor, he was an exceptional role model in work ethics and research methods. Most importantly, he was very supportive and enthusiastic about my progress academically and professionally. He made sure that I'm being supported through each step of the way and to regain my self worth and confidence. He is truly a remarkable supervisor. A huge "THANK YOU" for being such an amazing professor and such a wonderful person!! Your confidence in me and your kind words of encouragement have been a great source of strength for me. Many thanks to Dr. R. K. Kulkarni for always steering me in the right direction! I'm extremely fortunate to have him as my guide who would tell you what not to do in a PhD program rather than what one should do !!!! Thank you for your gifts of knowledge and your unwavering support.

Dr. CD Rawat (Associate Professor, Department of Electronics and Telecommunications): Kulkarni Sir had joined Electronics and Telecommunication Department at VESIT in the year 2000. In 2006, both of us joined NIT, Rourkela to pursue PhD. He was very dedicated to his work and very determined. In his career he was never late to work! VESIT allows the faculty members to take early leave every once a month, he is the only member to have never taken that. He used to work after-hours in the college with his project students. He played the key role in our institute receiving the 'Zero Waste' Award. He was also actively involved

in the betterment of our auditorium, it's sound system, the design of the stage and the quality of chairs. Apart from teaching, he is very good at managing such things, problem solving and dealing with non-teaching staff as well! We completed our PhD under the guidance of the same mentor and have been family friends ever since! I wish Kulkarni sir all the best for his future endeavours



Kulkarni sir's online retirement function

Dr. Nadir N. Charniya (Professor, Department of Electronics and Telecommunications): Dr. Ramesh K. Kulkarni is a charismatic and friendly person, he is a change maker with a positive approach and always has a constructive attitude towards everything. His contributions to the department and the institute as whole are commendable. He is an excellent academician, researcher, mentor, and quality conscious person. And most importantly he is an excellent humane person. I wish him best wishes from the bottom of my heart for his future innings and endeavors.

Ms. Ashwini Sawant (Assistant Professor, Department of Electronics and Telecommunications): Kulkarni Sir was my ME guide but he really is my Guru always. He has always been such an inspiration for me. I have seen him guide other students too, no matter what, he would always go the extra mile in helping everyone without expecting anything! He is so knowledgeable, and his nature of being helpful and sharing his knowledge is so inspiring! When I was his student I saw him really encourage and appreciate all his students! Whenever there is any presentation he gets his students prepared so well that the examiner has only praises! Because of his guidance in my ME, I got the 'Best Paper Award' at the International conference. I thank sir for everything he has done for the college and wish him the best on his retirement

Mr. Vivek Umrikar (Head, Department of Humanities and Applied Sciences): The Jalebi group in person Kulkarni Sir's online retirement function Kulkarni Sir was relied upon by Principal ma'am as well as the management. He has always been a very cheerful person and one of the strongest pillars of the 'Jalebi group'. We were all overjoyed when we learnt that he was granted extension for his

PhD related duties. You always have those special friends that match your wavelength instantly. Kulkarni Sir was one among them for me. He is a very accommodative person and takes things up with a smile even if they don't work out exactly the way he wanted. But it has never been that one of us makes decisions and the others blindly follow. Every decision is debated upon and then taken. Although he is senior to us all, he always makes the effort to be friendly with all of us. I wish Kulkarni Sir the best for his retired life and future endeavours.



The Jalebi group in person

As mentioned earlier, the 'Jalebi group' comprises 18 professors turned friends from across all departments. Kulkarni sir is a key figure of this group. As Umrikar Sir proudly stated, the Jalebi group members share the idea that they are all young at heart, irrespective of their age. Years before, when they were younger, this group of professors used to love having sweets and often sat down together in Room No. 404, where Kulkarni Sir's cabin was, as they chatted while relishing sweets. More often than not, it would be Jalebis from Jhama. Whenever the other faculty members passed by, they would notice the Jalebis at their table. Thus, the term "Jalebi Group" caught on. In addition to this, this group once presented a drama on the occasion of Teachers day. Every member of this group was also given a t-shirt with 'Jalebi' printed on it.

Due to the ongoing pandemic, Ramesh Kulkarni Sir's retirement function was held on G-meet on 31st May where all the faculty members of VESIT and the EXTC Department bid him a fond adieu. A heartfelt video of Sir's journey at VESIT was also screened.

As we bid him farewell, VESITConnect wishes him joy and happiness in his new chapter of life, and would like to say a Hearty Thank you for everything he has done for the college. VESIT will always be grateful to this professor for his excellent contribution in the department's success and taking VESIT to greater heights.

"You only live once, but if you do it right, once is enough."

- Mae West

In Memory of Krishna Bajaj

- Hridesh Kamal

Krishna Bajaj met his sad demise on Friday, May 29, 2021 in a building collapse at Ulhasnagar in Thane district. He was just 24 years old. Krishna was an VESIT alumnus of the Batch of 2017. He graduated with a Bachelor's in Electronics and Telecommunications Engineering with an average pointer of 8.5. He was an active participant in all major cultural and society events at college. He always evinced keen interest in technical paper presentations, creating an Automated Chessboard in his BE project.

He was an active member of the Rotaract Club of Ulhasnagar Sapna Garden. He was a part of the club for more than 5 years and contributed to society by doing many community service projects. He was very fond of helping kids and used to help them very closely. He enjoyed making them happy with his dance moves and making memories with them. Krishna stood out with his friendliness and kindness towards others, along with his contagious enthusiasm. He left a mark on the lives of numerous people, some of whom have expressed their gratitude, thoughts and appreciation towards him posthumously.

Here, we have his teachers, classmates and friends recall the memories of a model student, a kind friend, a helpful brother and a compassionate human being.

Sagar Brijwani (Batch of 2017, Electronics and Telecommunications): Krishna was a gem of a person. His nature and kindness made him different from others. His beautiful soul and helping nature

were a few of his personality traits, which everyone looks for in a friendship. He was more than a friend like a brother to me and I will be always grateful that I met him in this life.

Karan Sharma (Batch of 2017, Electronics and Telecommunications): Krishna and I were the closest friends for 10 years. In 10 years of knowing him, I hardly saw him sad. He always to be happy and use to have a smile on his face. He was one of the kindest, smartest and most helpful people I have ever met. I will always keep good and happy memories of him with me. He will always stay alive in our hearts.

Dhiren Bathija (Batch of 2017, Electronics and Telecommunications): Krishna was very humble and down to earth. Helping others was his identity and I will cherish our friendship forever.

Hitesh Sukhwani (Batch of 2017, Electronics and Telecommunications): Krishna was not just a friend but like a brother for me. He was a person with an amazing personality and a beautiful soul. I pray that God will grant strength to his father. May his soul rest in peace.

Paras Chhabria (Batch of 2017, Electronics and Telecommunications): Krishna and I were best of friends for 10 years. He was one of the most humble and joyful people I have ever met. He was always very self-motivated to achieve great things in his life and always wished the same for others as well.



Rotaract Club of Ulhasnagar Sapna Garden paying respects to Krishna Bajaj

No one can replace him in our lives. I hope he is happy and smiling wherever he is.

Mr. Chintan Jethva (Assistant Professor, Department of Electronics and Telecommunications): He was one of the direct diploma students and I've taken extra lectures for them as well, so I know each and every student of that particular batch very well. He is one of the great students that I remember. He was a very obedient and sincere student. I don't know why God is doing this kind of thing and why god is calling such kind people who are very genuine. I really pray that wherever he is, he will rest in peace. Our blessings are always with him. God bless him.

The President Bids Adieu

- Divisha Gupta

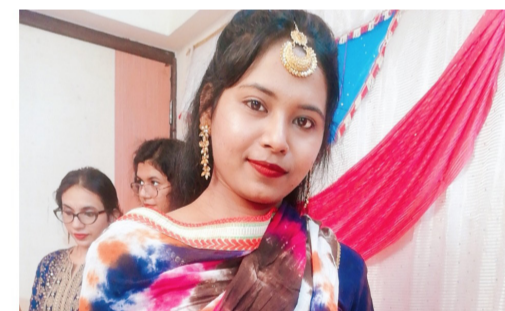
With VESIT having its first-ever online Council, here is Tania Mahata (MCA 3A) -President of VESIT, sharing her thoughts as she signs off.

"As you are aware, 2021 was completely online and all the events were conducted online. Ours was the first batch to plan and execute online events and even though I find it nothing less than thrilling, I miss the grave situations we used to face in the offline events. I miss running down the corridors, doing tasks, the meetings conducted for the events, and the bonds created during them. These closely knitted bonds created between classmates in offline events cannot be attained in the online mode, how much a person tries. But everything was smooth and I cherished every minute of it. The coordination, irrespective of offline or online college, was impeccable. I found Nilesh Talreja as support in whatever task I was confused about. He was patient, kind, and respectful which helped me communicate freely with him in my time of need. I know that the juniors will lead the department and will take it to new heights as they portray the enthusiasm required to do it. They are already competent to take things in their stride and I can

see the excitement bubbling in them."

When Tania stood for the election, she was asked a question. "People asked me what I would do if I got elected. My answer was always the same, inclusion of MCA as a department. The one thing that I wanted to do the most was to decrease the distance between these two departments and I feel I would've had it all been offline. The online medium took away the meager chances."

She addressed the juniors, the students who will lead the department in the future, and gave them one priceless piece of advice, "The only thing I would advise is for them to attend each and every meeting. You might think of it as a waste of time or boring but you never know what piece of knowledge will transform for the better. Every aspect of academia is important and it is necessary to stay in touch with classmates. Be excited about the events so that the students hearing from you get equally excited about them. Learn the art of conveying and get involved with each and every society and council. Take knowledge from all the sources. Our college always has provided us with the best but make sure you know about them and spread the word."



Tania Mahata (MCA 3A)- President of VESIT 2020-21

"I extend my thanks to the entire council team of MCA who took all the required efforts and for their contribution. Nilesh really helped me with a lot of things, widened my scope of knowledge and walked me through every working section of the college and I am extremely grateful to him. Ramesh Solanki sir provided me with all the encouragement that I needed for prevailing over my self-doubts. I will really miss the college, not just as a president but also as a student who chipped in to create and find the good things."

"Money and success don't change people; they merely amplify what is already there."

- Will Smith

Musings and Expressions

75 YEARS OF INDEPENDENCE

Independence Day

'Independence Day' so what is the 1st thing that comes to our mind when we hear about this occasion. A public holiday, flag hoisting ceremony taking place in our society/school/college, drawing and sports competitions taking place and things such as these right. But the significance of Independence Day is something way more and somewhere I feel we as 21st Gen kids have failed to recognize it.

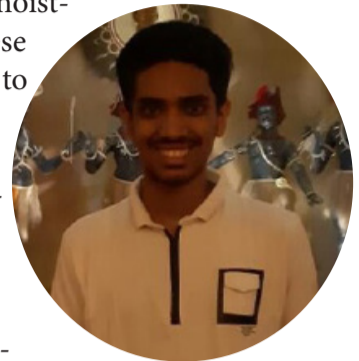
15th of August 1947 is the day when we as a country finally gained independence from the long ordeal of the British. This period can be earmarked as a particularly dark period in our history. The British committed various atrocities on us during this time and looted a lot of our wealth. Our ancestors and freedom fighters had to fight long and hard to break free from the clutches of the Englishmen and this occasion calls for a grand celebration every year this is when we celebrate our 'Independence Day'.

This year in 2021 we completed 75 years of our independence and it marks an important landmark in our modern history and is also a good time to look back and reflect on how far we have come over these 75 years. In my opinion we have indeed come a long way since the days of pre-independence. The dark clouds of uncertainty that shrouded us back then have since withered away and now we are on our way to becoming a global superpower in every sense. India's stature in the global arena has increased considerably in the last 2 decades. We are also one of the world's largest growing economies and one which has massive potential to grow even further.

As we celebrate our 75th Independence we should already start imagining an even more prosperous and peaceful India in 2047 when we complete a hundred years of independence.

This is a day when we should celebrate the incredible tales of valour and sacrifice of our esteemed freedom fighters whose tremendous acts of courage, selflessness and bravery enabled us to live in a free India today.

JAI HIND!!



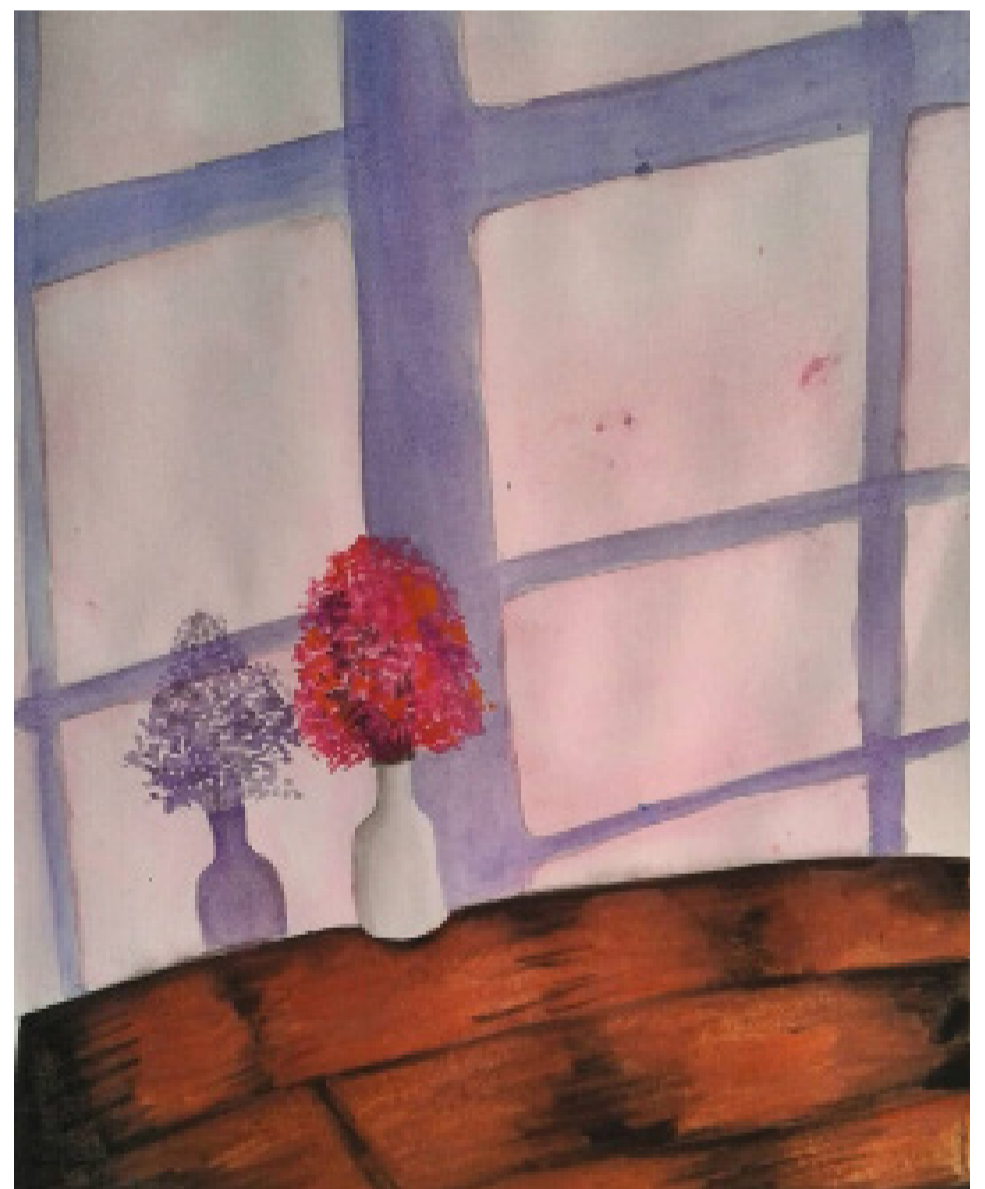
Saurav Telge (D17A)



Gaurav Jagwani (D19B)



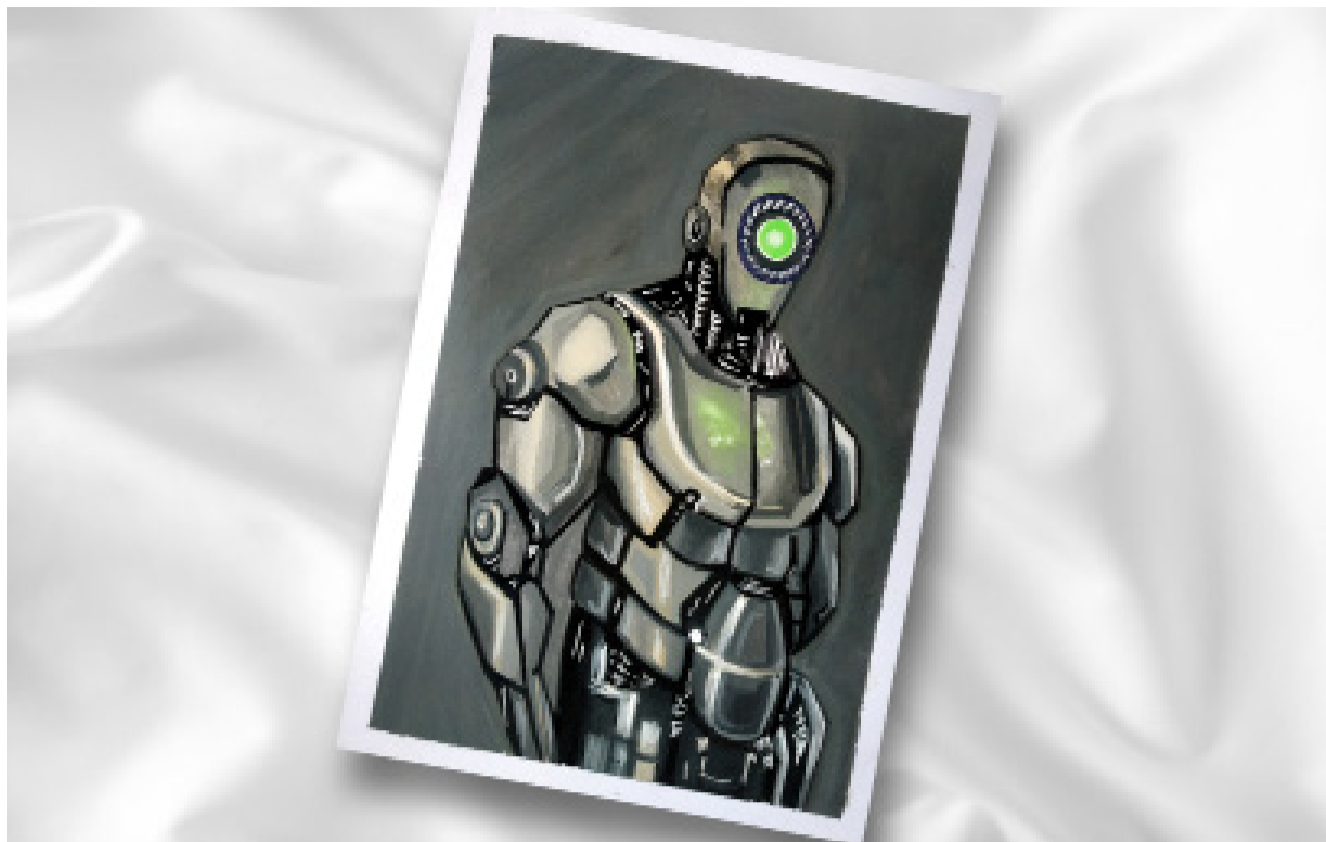
Sudhanshu Sabale (D7C)



Vinaya Nair (D14B)



Puja Mahakunda (D9B)



Rohit Kundanani (D20)

VESIT Diaries

- Anushka Kulkarni

For July's VESIT Diaries we spoke to **Mr Rido John Tate** who graduated in 2016 from the Department of Computer Engineering. Today he is working as a Data Processing Assistant for the Government of Arunachal Pradesh. Here he tells us about his experience of studying at VESIT, hostel life, his work as a DPA among other things.

Q1. How was your college life? What was the most memorable moment at VESIT?

My college life in Mumbai was one of the best experiences I have had since my childhood. I always wanted to study at a college out of my home state, especially in Mumbai. My most memorable moment was the day I first came to the college hostel. Everything was new for me and the seniors in the fifth floor of the hostel were so kind and cooperative.

Q2. What extracurricular activities did you participate in ?

I mostly participated in playing football and I was a member of our class football team. Also, I participated in a painting and sketching competition during college sports week.

Q3. Are there any funny incidents or anecdotes from your college time or professional life that you like to share with readers?

There are many funny incidents which I can't recall right now. However, the celebration of Birthday at midnight 12:00 Am with our friends in the hostel was one of the most interesting and funny, when I remember today. The birthday boy gets the Birthday blessing by lifting and kicking from the back side. One good thing that we did for our friends was, we as a friend contribute some amount to buy a cake and soft drink for the Birthday boy and make his day by celebrating together.

Q4. You are working as a Data Processing Assistant (DPA) in the Department of Economics and statistics, Govt. Of Arunachal Pradesh. What does that look like and what do you love the most about your job?

Working as a Data Processing Assistant has been great as I am working in my own home town. The thing I like the most is that I am able to serve my own people in my society and it justifies my knowledge and degree that I have got from VESIT.

Q5. During the covid-pandemic most government offices were working from office. What did the covid situation look like there and how did it impact your life and work?

The Covid situation in our state and nation as a whole was a difficult time for everyone which I pray that it should come to end as soon as possible. Though Covid situation wasn't as serious in our state as we see in news regarding the metropolitan cities like Mumbai and Delhi, the fear and effect was in everyone's mind including the Govt. and Administration. Our Govt. took many steps in order to contain the spread of Covid-19.

As a Govt. servants were given the duties as a flying squad to monitor and manage the spread of Covid-19 in our district. The movement of the public was banned but we were given duties to monitor and manage the public. The fear was real and I couldn't stay with my family for a month.

Q6. What does a 'busy' day in your life look like and what does a day-off look like. Are there any hobbies or passions that you would like to pursue?

My busy day would be like working on a collection of data in field surveys from village to village. Day off is the time that I can be myself and give time to my family and enjoy the weekend. My hobbies are playing football and painting. Which I give time during the weekend.

Q7. What has it been like for you in your journey and what is the key to accomplish success in whatever it is that you are doing? Also tell us about your plans in the near future.

Though my journey has not been so pleasant, it was good enough with a good experience. At present with my current job, I am preparing for



Mr. Rido John

Arunachal Pradesh State Civil Services Exam, and I have already qualified 2 stages of my exam i.e the Preliminary and the Mains stage. The final is a personality test which is to be held this month. I hope it goes well

Q8. What do you think is a very important thing that students should keep in mind before charting their career path? How did you decide to work for the Government as a DPA?

The student should incline and follow towards their own passion and dream company. Regarding my Government job, I always wanted to come back to my own home state and work for my society and people. So, I gave an interview and applied for the post of DPA under the Govt. Of Arunachal Pradesh.

Q9. Message for the new generation at VESIT!

My fellow juniors, focus on your own goal and strive to achieve. The VESIT is the lift that will guide you to your goal and it is you who must work hard.