VESIT Connect

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Contents

VESIT Receives Outstanding Contribution in Education Award

-Hridesh Kamal

VESIT got recognised for their achievements in the education sector with an award for '**Leading and Innovative Engineering & Technology College Of The Year 2021 - Maharashtra**' in the category of Quality Education, Leading Infrastructure, Outstanding Administration and Placements. The award was presented to the college by BeginUp Research Intelligence Pvt. Ltd at the National Education Excellence Awards and Conference 2021.

Further, **Dr. (Mrs.) J. M. Nair (Principal, VESIT)** was also honoured with an award for '**Outstanding Contribution in Educational Domain**' in the Administration and Research category at the conference. VESIT extends the honour and credit to the entire administration, faculty, and student body who made this possible with their achievements and success.

(L-R): Dr. (Mrs.) J. M. Nair (Principal, VESIT), Shri B L Boolani (President, VES) and Dr. (Mrs.) M Vijayalakshmi (Vice Principal, VESIT) with the award

VESIT in Top 30 in Swadeshi Microprocessor Challenge: 'Team Anshashodhak' Driving the #AatmaNirbharBharat Abhiyan for VESIT

-Priyal Singh

Under Microprocessor Development Programme spearheaded by MeitY at C-DAC, and IIT Bombay, the Swadeshi Microprocessor Challenge was made available by IIT Madras (Shakti processors) and C-DAC (Vega processors), powered by FPGA Boards of XILINX supported by CoreEL Technologies, to promote a culture of innovation and entrepreneurship by taking up complex designs in the country and innovate frugal solutions around home-grown processor ecosystem, catering to both global and domestic requirements and provide further impetus to the strong ecosystem of researchers and innovators in our country.

On the 28th of August 2021, the results of the semi-final stage were declared. One of the teams from VESIT qualified for the final round along with 29

Dr. Prakash Pandurang Vaidya (Head of Department, Research & Development, Vivekanand Education Society's Institute of Technology) guided Team Anshashodhak

other teams. As per the competition rules, each finalist will be provided with the Development

VESIT Features in NIRF Ranking

-Jagruti Dhamal

The National Institutional Ranking Framework (NIRF) lays forth a framework for ranking universities and institutions across the country based on a set of broad criteria. The parameters encompass topics such as "Teaching, Learning, and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception."

Out of 1143 engineering institutes that applied for the India Ranking 2021, VESIT is ranked in the 251-300 range in the Engineering Category.

For VESIT, this is a huge accomplishment and a moment of celebration. All the credit goes to the administration, faculty, and students who made this possible with their achievements and success.

Fund of Rs. 4.00 Lakh to develop the Hardware Prototype.

The team details are as follows :

Anshashodhak :

Dr. Prakash Pandurang Vaidya (Head of Department, Research & Development, Vivekanand Education Society's Institute of Technology)

Mrs. Asma Parveen I. Siddavatam (Assistant Professor, Department of Information Technology)

Mr. Ajit Tukaram Patil (ME, Department of Instrumentation and Control, Vivekanand Education Society's Institute of Technology)

Member of Team Anshashodhak: Mr. Ajit Patil (ME Instrumentation)

The project selected by the team was 'Calibration System for Nuclear Spectroscopy Applications.' The equipment and testing facilities were provided by the Research and Development Lab of our technical institute. This project aimed to design and construct a high-end Calibration System for Nuclear Spectroscopy Applications using maximum indigenous components. The calibration system must generate pulses accurately of predetermined characteristics to test and calibrate various Nuclear Instruments and high-resolution spectroscopy systems such as Multichannel Analyzer (MCA). The main objective of the project was to provide a fully operational Nuclear Pulse Generator (Sliding Pulse Generator and Precision Pulse Generator) for calibration and testing of high-resolution Nuclear Spectroscopy Analyzers such as Multichannel Analyzer (MCA). The long-term goal of this project was to develop the Made

Calibration System for Nuclear Spectroscopy Applications

Leader of Team Anshashodhak: Mrs. Asma Parveen I. Siddavatam (Assistant Professor, Department of Information Technology)

in India (Swadeshi) product that serves as a high-end Calibration System for Nuclear Spectroscopy Applications used in various Indian R&D labs by maintaining International Level Standard.

Mr. Ajit Patil (ME Instrumentation) said, "We would like to thank **Dr. P. P. Vaidya** (Head of Instrumentation Department) for his constant guidance and encouragement and **Dr. (Mrs.) J. M. Nair** (Principal, VESIT) for providing us with all necessary help regarding R&D laboratory access and administrative-related help. Finally, we extend our heartfelt gratitude to the VES Trust and all the other members of VESIT and R&D lab for their direct and indirect contribution in providing aid to the project."

Computer Network Security Under E-Disha

-Shreya Kukreja

Under the advocacy of Internal Quality Assurance Cell (IQAC) in association with Institution's Innovation Council (IIC), the Department of Information Technology had organized an insightful 2 hour session on Computer Network Security on 4th September from 11am to 1pm on the Google Meet platform. The session was coordinated by **Ms. Kajal Jewani** (Assistant professor, Department of Computer Science). The speaker of the event was **Mr. Kamlesh Ahuja** (Lead Security Engineer, UL).

(L-R): Highest scorer among faculties: Mrs. Asha Bharambe (Assistant professor, Department of Information Technology), Coordinator of the event: Mrs. Kajal Jewani (Assistant professor, Department of Computer Science)

Cyber security is burgeoning these days. **Mr. Kamlesh** provided the students with plethora of information and knowledge regarding the same The students learnt about-

1. Basics of Networking
2. Basic components of networking, network security, network layer model i.e. OSI Model.
3. Seven layers of OSI Model which are- physical layer, data link layer, network layer, transport layer, session layer, presentation layer and the Application layer
4. Media Across Control Address (MAC) and its components
5. IP address range, Public IPs and Private IPs
6. IP Sec (Internet Protocol Security)
7. Key features of Cyber Security SSL/TLS
8. Firewalls along with cryptography & its algorithm
9. Hash algorithm

A quiz was also conducted by Mr. Kamlesh to check the understanding of the attendees on the above mentioned topics.

The valedictorians of the quiz received Amazon gift coupons worth Rs 1000 :

1. Kanabar Kanaiya Giradharlal (D15A)
2. V Krishnasubramaniam (D15A)
3. Mugdha Sholapure (D15A)

The valedictorians of the quiz (L-R): Kanaiya Giradharlal (D15A), V Krishnasubramaniyam (D15A), Mugdha Sholapure (D15A)

Speaker of the event: Mr. Kamlesh Ahuja (Lead Security Engineer, UL)

The students who scored 70% and above in the quiz were given a participation certificate. A quiz among the faculties was also conducted on the same topics and the highest marks were scored by **Mrs. Asha Bharambe** (Assistant professor, Department of Information Technology).

The event was a great success due to the active participation of the students and also due to the enlightening words by **Mr. Kamlesh Ahuja.** Vallari Patil (D10B), an attendee of the session quoted, "The session was very enlightening and offered a very good understanding of cyber security. It would be amazing to have more sessions of such kind as it will help us to gain knowledge outside our books. I would really be looking forward to attending such workshops."

VESIT Renaissance: AI-Syberthon Hackathon Uses AI for Fraud Detection at Bank

- Anvita Koyande

VESIT Renaissance conducted the Internal Hackathon named **AI-Syberthon: Hackathon** Uses AI for fraud detection at Bank in association with a reputed Bank from September 3, 2021, to September 8, 2021. They rewarded the winning team of four students with an opportunity to work on a live project with the Bank. The competition was open only for Third-year engineering students of all branches.

They gave students a problem statement and 5 days to work on it, i.e., 3rd to 7th September 2021. They instructed the students to work on the GitHub central repository. The team leaders had to submit their documents by 6 PM in the Google classroom created for the competition.

The Hackathon submissions were divided as follows in the given five days:

Day	Submissions
3/9/21	In 100 words, understanding of database and the first run of the algorithm
4/9/21	Data import until data visualization
5/9/21	ML model design
6/9/21	ML model
7/9/21	Final output

There were various criteria for judging viz. originality of work, the accuracy of the output innovation, and algorithm selection. The judges also considered teamwork, presentation, frequency of GitHub committees, and timely submission.

After the evaluation of submissions, out of all the registered teams, the judges selected 6 teams. The selected 6 teams gave a final presentation on 9 September 2021 at 5.00 pm. Each team had 10 minutes for their final presentation. The results were declared on September 10, 2021.

Aashish Nair (D12C) said "The hackathon was nice, I mean me and my team got a chance to try out new things while we were solving the problem statement and also got to know about some new concepts in ML during the course of the hackathon. It was a great learning opportunity for us."
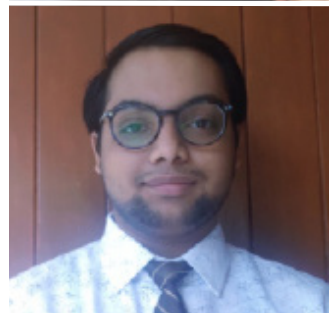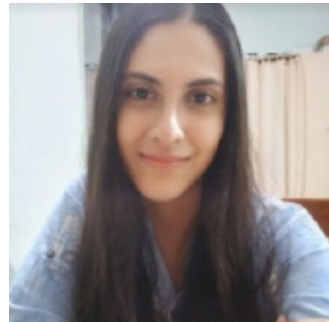

Winner (Top-bottom, L-R): Aashish Nair (D12C), Sneha Karthik (D12C), Sourabh Bera (D12C), Adarsh Singh (D12C)

Raghuttam Parvatikar (D15B), a participant of AI Syberthon, said, "The event was greatly handled by the faculty. It pushed me to learn new domains which I had once planned to learn and forgot about them. The final review panel was also very good and experienced."

2nd Runners-up (Top-bottom, L-R): V Krishnasubramaniam (D15A), Sreekesh Iyer (D15A), Ninad Rao (D15A), Aamir Ansari (D15A)

1st Runners-up (Top-bottom,L-R): Sristi Sharma (D15B), Bhavya Hingorani (D15B), Omkar Pawar (D15B), Rohan Padhye (D15B)

Position	Team name	Team members
Winner	Super Trio	Aashish Nair (D12C) (Leader), Sneha Karthik (D12C), Sourabh Bera (D12C), Adarsh Singh (D12C)
1st Runners-up	CnyderCut	Sristi Sharma (D15B) (Leader), Bhavya Hingorani (D15B), Omkar Pawar (D15B), Rohan Padhye (D15B)
2nd Runners-up	Boolean Autocrats	V Krishnasubramaniam (D15A) (Leader), Sreekesh Iyer (D15A), Ninad Rao (D15A), Aamir Ansari (D15A)

Young Scientists to Work at VESIT

-Tanvi Kate

The Humanities and Applied Sciences Department in association with VESIT Institution's Innovation Council (IIC) and IQAC organized the '**Awakening the Scientists Competition 2020-21'**. The event was held on Google Meet and the finals were conducted on 8th September from 11 am to 1:30 pm.

In order to become a professional and succeed in this highly commercial and competitive world, one must master the art of working in teams along with possessing sound knowledge of the field. Having a good balance of teamwork and technical knowledge is essential and isn't something that can be developed overnight. Awakening the Scientists is an opportunity given to First-year students to take their first steps into the transformation from a student to a professional.

The students were asked to form groups of 2-4 and each group had to recognize the basic engineering and technology used in equipment, gadgets, and everyday tools. The groups had to relate to the past, present and future of the technology used. Because of covid restrictions, the mode of conduction was online.

This year, a total of 24 groups, accounting for approximately 84 students, had entered. To commence the event, **Mr. A Nagananda**

(Training and placements Officer at VESIT) gave an inspiring Inaugural speech that enkindled the scientific inclination in the students at the idea pitching meet held on 7th August. He also guided the students with their presentations.

In the following stage, the groups were asked to give a 10-minute presentation on their chosen topic, which was judged by a panel of judges. There was then an Elimination round from which 8 groups were selected for the finals. In the final round, held on September 8th, the groups had to perfect the presentations and deliver their ideas confidently.

The Panel of Judges (Top - Bottom, L-R): Dr. Sangeetha Prasannaram, Dr. Jessy P, Dr. Sunanda Manoj, Dr. Maya Bhat, Dr. Keya Doshi, Dr. Ranjit Dhunde, Dr. Minakshi Jha, Dr. Shashwati Roy Majumder, Dr. Manisha Tiwari

The panel of Judges:

Dr. Sangeetha Prasannaram, (Deputy Head, Department of Instrumentation)

Dr. Shashwati Roy Majumder, (Assistant Professor, Department of Humanities and Applied Sciences)

Dr. Minakshi Jha, (Assistant Professor, Department of Humanities and Applied Sciences)

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

Dr. Jessy P. (Assistant Professor, Department of Humanities and Applied Sciences)

Dr. Sunanda Manoj, (Assistant Professor, Department of Humanities and Applied Sciences)

Dr. Manisha Tiwari, (Assistant Professor, Department of Humanities and Applied Sciences)

Dr. Maya Bhat, (Assistant Professor, Department of Humanities and Applied Sciences)

Dr. Ranjit Dhunde, (Assistant Professor, Department of Humanities and Applied Sciences)

Two teams tied for the winning prize for their phenomenal presentations on the topics 'Projection Technologies' and 'Valvular Conduit'.

Shubham Hadawle (D1AD) was awarded 'Best Speaker' while Prathamesh Ganpatrao

Winning Team (Top- Bottom, L-R): Sahil G. Parab (D1AD, Team Leader), Shubah Hadawle (D1AD), Naresh Shewkani (D1AD), Bhavesh Bhatia (D2A)

Pradhan (D4A) was awarded 'Most Promising Speaker'.

Mr. Vijay Shejwalkar (Assistant Professor, Department of Artificial Intelligence and Data Science) said, "Being a coordinator for this activity, I had to overview each and every group's topic/gadget, because of which I got to learn many new things going on in the world. The innovative thinking of our students while writing the future scope of the topic/gadget impressed me a lot. I did insist the students implement their ideas into the projects. I was very happy to see these early-stage learners putting their efforts to present their topic/gadget confidently and up to a considerable depth."

Naresh Shewkani (D1AD) said, "It was definitely a challenging journey, but one I was excited to hop on to. We had all been guided by Professor Nagananda on how to make our PPTs and that really motivated us to work hard. Looking at all the brilliant ideas all the other teams had come up with made me a little anxious at first, But I had complete faith in myself and my team members and so we gave it our best shot. We also had to work

1st Runners up (Top- Bottom, L-R): Prathamesh Ganpatrao Pradhan (D4A, Team Leader), Harsh Manoj Mohile (D4A), Kshitij Prashant Nag (D4A), Milind Santosh Sawant (D4A)

Mr. A Nagananda (Training and Placements Officer at VESIT), gave the inaugural speech

in teams, which proved to be a learning experience for all of us."

Just like the previous years, Awakening the Scientists Competition 2020-21 turned out to be a huge success. It was fruitful in tingling the students' Scientific minds and provoked them to think out of the box and extract futuristic ideas.

Winning Team (Top- Bottom, L-R): Priyanshu Vinay Singh (D1AD, Team Leader), Prasad Vijay Jawale (D1AD), Tejas Ashok Patne (D1AD), Deepak Bhagirath Prasad (D1AD)

The event was coordinated by :

Ms. Ramya T. (Assistant Professor, Department of Humanities and Applied Sciences)

Mr. Mahesh Singh (Assistant Professor, Department of Humanities and Applied Sciences)

Mr. Vijay Shejwalkar (Assistant Professor, Department of Artificial Intelligence and Data Science)

Coordinators for the event, (L-R): Mr. Vijay Shejwalkar (Assistant Professor, Department of Artificial Intelligence and Data Science), Ms. Ramya T. (Assistant Professor, Department of Humanities and Applied Sciences), Mr. Mahesh Singh (Assistant Professor, Department of Humanities and Applied Sciences)

PRIZE	TOPIC	GROUP MEMBERS
1st	Valvular Conduit	Priyanshu Vinay Singh (D1AD), Tejas Ashok Patne (D1AD), Prasad Vijay Jawale (D1AD), Deepak Bhagirath Prasad (D1AD)
	Projection Technologies	Sahil G. Parab (D1AD), Shubham Hadawle (D1AD), Naresh Shewkani (D1AD), Bhavesh Bhatia (D2A)
2nd	Blockchain	Prathmesh Ganpatrao Pradhan (D4A), Harsh Manoj Mohile (D4A), Kshitij Prasad Nag (D4A), Milind Santosh Sawant (D4A)
3rd	Spectacles	Suleman Shakil Mathekar (D5A), Hitakrit Mahesh Goplani (D2A), Shruti Vijay Dalvi (D2A), Sahil Kishin Madhyan (D2C)
Consolation	Mobile Phone	Tanmay Thakare (D2B), Sahil Salunkhe (D2A), Vansh Pahuja (D2A)

2nd Runners Up (Top- Bottom, L-R): Suleman Shakil Mathekar (D5A, Team Leader), Hitakrit Mahesh Goplani (D2A), Shruti Vijay Dalvi (D2A), Sahil Kishin Madhyan (D2C)

Consolation Prize (Top- Bottom, L-R): Tanmay Thakare (D2B, Team Leader), Sahil Salunkhe (D2A), Vansh Pahuja (D2A)

Helping Students with Resume Writing & Skill Set Analysis

-Akshiti Kachhawah

EXTC department in collaboration with the Placement cell conducted a session on resume writing and skill set analysis on 18th September 2021, for the third-year students of Electronics and Telecommunication department (D14A and D14B). This session was conducted to help students increase the chances of good placement.

The session commenced at 10 in the morning with **Mr. A. Nagananda**, (Training and

Moderator: Mr. Gaurav Tawde (Assistant Professor, Department of Electronics and Telecommunications)

Placement officer, VESIT) addressing the students and giving them insightful tips on how to keep a resume precise, concise and yet informative. Students also gained knowledge on how to keep a resume up to date and relevant. Resumes are an important factor to bagging a job successfully. For this, a resume should clearly highlight the important skill-sets of a student.

The attendees of this session were thus given insight on how to evaluate technical skills and how to present them tactfully in their resume. **Mr. Gaurav Tawde** (Assistant Professor, EXTC, VESIT) acted as the moderator for the meeting. This session was conducted virtually and lasted for two hours.

At the end of the session, students were required to submit their feedback via Google forms and Google drive.

Tanya Dubey, a third year EXTC student (D14B) said, "It was an insightful session and a much needed one. It helped me to understand where I needed to focus more. It gave me a better

Speaker: Mr. A. Nagananda (Training and Placement Officer)

clarity of what shall be expected of me and where are the areas that I need to work on."

Anushka Kulkarni (D14A) said, "Having a good resume is one of the most important things in a one's career but often leaves alot of people confused when it comes to the best way of presenting it. This session really helped us to do exactly same, we were also told what all things i.e.skills and projects we can do to add more value to the resume. It was very insightful and a very motivating session as well."

E-Disha Organizes IPR and Copyright session

- C S Lakshmi

On 28th August 2021, the Department of Information Technology under e-Disha and the guidance of VESIT-IQAC, in association with VESIT-IIC organized an event on "IPR, Patenting and How to file Copyright". The session was targeted for Third year and Final year IT Engineering Students, Master of IT Students, and VESIT Faculty members of all departments with the motive of introducing IPR and the process of copyright.

The guest speakers of the event were **Dr. Vikram Patil** (Director, Annasaheb Dange College of Engineering and Technology, Ashta), **Dr. (Mrs.) Kranti Vithal Ghag** (In-charge of Intellectual Property Rights Cell, Shah and Anchor Kutchhi Engineering College), **Mrs. Dhanashree K. Toradmalle** (Associate Professor, Department of Information Technology, Shah & Anchor Kutchhi Engineering College). The objective of the session was to acquaint the audience with the topic of intellectual property and its types and get introduced to the process of filing a copyright.

Speakers (L-R): Dr. (Mrs.) Dhanashree K. Toradmalle (Associate Professor, Department of Information Technology, Shah and Anchor Kutchhi Engineering College), Dr. (Mrs.) Kranti Ghag (In-charge of Intellectual Property Rights Cell, Shah and Anchor Kutchhi Engineering College)

The first session of the day was on IPR and Patenting was taken by **Dr. Patil.** He started the session with the question, "What are IPR and Patenting?". Concepts like copyrights, trademarks, patents, industrial design rights, and trade secrets were discussed under intellectual property rights (IPR). He also gave an example of Zandu Balm and explained the copyright infringement dispute between Emami Ltd, the owner of Zandu Balm, and the production company of Salman Khan starer Dabangg.

After the session, the workshop on "What is Copyright?" was taken by **Ms. Toradmalle.** In this session, the audience was familiarized with the basics of copyright including the definition, and the necessity of registering their work under copyright law.

Further, the participants were shown a step-by-step procedure for filing the copyright form online under the guidance of **Dr. Ghag.** In a hands-on session, the audience was encouraged by the speakers to fill the form till the payment getaway so that they could get the experience. Overall the session was really interactive.

Speaker: Dr. Vikram Patil (Director, Annasaheb Dange College of Engineering and Technology)

Isha Gawde (D15A) described the event as, " It was really an informative session. Firstly we understood what exactly is IPR and Patenting. It was quite an unknown thing for us to learn but it was made easy for us through very realistic examples like that of Zandu balm. Later, the session was taken on what exactly is copyright and how to file it. Speakers addressed this topic by making us file a copyright on our own after giving the instructions. To sum up, it was great".

Convenor: Dr. (Mrs.) Shalu Chopra (Head, Department of Information Technology)

Coordination Committee (L-R): Mrs. Asha Bharambe (Associate Professor, Department of Information technology), Mrs. Kajal Jewani (Assistant Professor, Department of Information Technology)

Another participant, Anuja Shetye (D20), said, "So the session covered everything about the filing process of application for copyright. They also focused on the issues we could face, the approx time for the entire process, and even showed a sample for the same."

Convenor:

Dr. (Mrs.) Shalu Chopra (Head of Department, Department of Information technology)

Coordination committee:

Mrs. Asha Bharambe (Associate Professor, Department of Information technology)

Mrs. Kajal Jewani (Assistant Professor, Department of Information technology)

Mini Project - Design Thinking

-Ashutosh Mishra

The Department of Electronics Engineering organized a session on **"Mini Project - Design Thinking"** on 2nd September 2021 from 2 pm to 4 pm. This session was conducted for the students of the second year and the third year, on the online platform Google Meet by **Mr. Anurag Chugh,** Senior System Software Engineer, Tarana Wireless Inc. This session was jointly coordinated by **Dr. Abhay Kshirsagar** (Associate Professor, Department of Electronics Engineering), **Mrs. Dipti Karani** (Assistant Professor, Department of Electronics Engineering), **Mr. Abhishek Chaudhari** (Assistant Professor, Department of Electronics Engineering).

Around 82 students from the third year, 32 students from the second year along with a few staff members attended the session.

This session gave an insight for the students to get new ideas for the selection, design and execution of their mini projects this academic year. Mr Anurag explained various aspects of the project selection as per the subjects already covered and based on different resources available online. He presented a few projects implemented by him and explained how to analyse the results obtained from software and hardware like Raspberry Pi, Node-RED, micro: bit, MakeCode, and some extension boards.
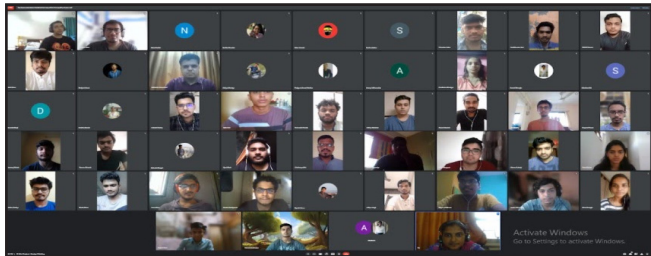
Some projects discussed were :

- Citizen Science using NoCode
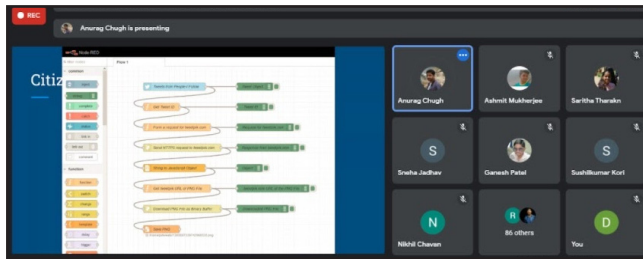
- Privacy-friendly home automation

Speaker: Mr. Anurag Chugh, Senior System Software Engineer, Tarana Wireless Inc.

- Enhance cheap sensors and actuators with algorithms and Artificial Intelligence(AI)
- GNU Radio
- Replicating an existing service or product
- Embedded Linux
- Simple mobile applications
- Monitor plant growth
- Monitoring pollution and utilities
- Crowdsourcing of data
- Twitter sentiment analysis
- Clock
- Calculator

Screenshot of speaker presenting in the session

Screenshot of attendees from the Third year

The session was very well received by the students. Mr Anurag answered all the questions to the satisfaction of the students.

Saritha Tharakan (D11A) said," The session helped understand how to approach a problem statement and what matters when you work on a project. Various skill gaps and how to overcome them were addressed which was helpful. We got an outline of the latest buzzwords/domains that would be interesting for projects and were given a real-life demonstration of how a simple problem like monitoring the maid could be implemented by simple IoT and data visualization. He gave an insight into how we have to apply our knowledge to the right portion of the problem. Overall it helped

Coordinators of the event (Top-bottom, L-R): Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics Engineering), Mrs. Dipti Karani (Assistant Professor, Department of Electronics Engineering), Mr. Abhishek Chaudhari (Assistant Professor, Department of Electronics Engineering)

me clear various issues faced during problem-solving and helped us understand how we could focus on some small things to ensure our project helped us learn, and be practically implemented in a given time."

Societies

ISA VESIT - EluciMate 2.0

-Abhiroop Bhattacharjee

ISA-VESIT successfully conducted its first event for the academic year 2021-22, a video-making competition **'EluciMate 2.0'** from 17th August to 22nd September 2021.

The competition was conducted in two rounds. The first round was named 'Give a ShoRT' and as a part of this participants were asked to create a short video on any technical topic. They were given 5 days during which they had to work on the selected topic individually or in a team of two. The motive behind this round was to ensure that participants learn something new and at the same time show their creativity while teaching technical topics.
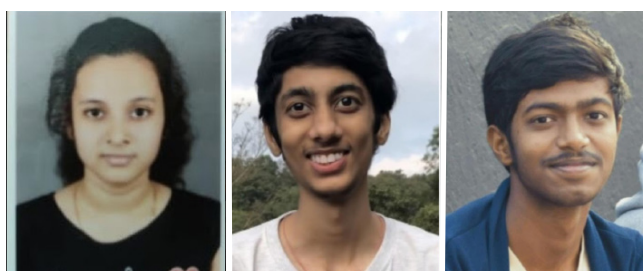

(L-R): TE First place - Priyanka Moopnar (D14A) and Isha Chavan (D14A), TE Second place: Sakshi Gupta (D14B)

Participants were then asked to make a short video of about 60 seconds in which they had to give an introduction to their topic in a concise manner. A total of 36 teams participated in this round out of which 15 teams were from the second year and 21 teams were from the third year. 8 teams from the second year and third year each qualified for the second round. The short videos of these qualified teams were published as YouTube shorts on ISA-

VESIT's YouTube channel.

The teams which qualified for the second and the final round of the competition called 'Chase to the Cut' were asked to create a video explaining their topic in detail. The final round was judged based on likes on their videos and the marks given by the judges. The judging criteria were innovation, communication, presentation/display, and knowledge of the topic. The judging panel consisted of **Mrs. Himali Patel** (Assistant Professor, Department of Electronics and Telecommunication), **Dr. Rajani Mangala** (Professor, Department of Electronics), and **Mr. N. Gopalkrishnan** (Assistant Professor, Department of Instrumentation). The efforts and creativity showcased by all the participants were exceptional and created a competitive environment.

After the evaluation of the final round, from SEs, Rajnandini Verma (D8) secured 1st place and 2nd place was secured by Suleman Mathekar (D10A) and Gaurang Desai (D10A). From TEs, Priyanka Moopnar (D14A) and Isha Chavan (D14A) secured 1st place and Sakshi Gupta (D14B) secured 2nd place.

(L-R): SE First place - Rajnandini Verma (D8), SE Second place - Gaurang Desai (D10A) and Suleman Mathekar (D10A)

Judging Panel for the event (L-R): Dr. Rajani Mangala (Professor, Department of Electronics), Mr. N. Gopalkrishnan (Assistant Professor, Department of Instrumentation), Mrs. Himali Patel (Assistant Professor, Department of Electronics and Telecommunication)

Rajnandini Verma (D8) says, "I really enjoyed being a part of Elucimate 2.0. This was my first event with ISA . Winning my very first event with ISA is a very big thing for me".

"Elucimate gave us the platform to experience hands-on teaching. It was so much fun while filming and editing. Initially, we were a bit nervous, but once our video got selected for the second round, we were boosted up to give our best to win this. Thank you, ISA for bringing up such a creative event, helping us to explore ourselves. We thoroughly enjoyed participating in it", said Priyanka Moopnar (D14A).

Gaurang Desai (D10A) says, "This competition was really motivating and encouraging. The competition was so well-structured that it made us do informative research about the topic that we chose. I had a really nice experience participating in this event which truly made me get to know about new concepts".

ISA - Graph-Up with Chart.js Workshop

-Divisha Gupta

With the start of the new academic year of 2021-22, ISA-VESIT conducted its first **workshop on Chart.js Library** to help the students visualize data into charts on the web. This workshop was held, through Google Meet, on the 19th of September 2021, in two sessions by **Omkar Mangalpalli** (Chief Operations Officer at ISA-VESIT) and **Shubham Metkar** (Sr. Web developer at ISA-VESIT).

The workshop, which was open for all, attracted a huge audience and tingled students' excitement about the appeal of data visualization. The participants were asked to download Visual Studio Code on their machine prior to the workshop. The first session commenced at 10:30 AM explaining the functioning and development of websites. Before moving to hands-on programming, a short quiz was played with the participants using Mentimeter. The quiz tested how well the participants had grasped the concepts taught to them and the importance of Data visualization.

The Interactive programming session kickstarted with the participants being familiarized with the basics of HTML, the composition of a web page, and how a web browser interprets HTML code to display the visual elements of a page. Further, the participants were taught CSS which helped them add stunning design elements to really make web pages visually aesthetic. Later on, the participants dive into adding interactive client-side functionality using JavaScript.

After all, the necessary and required concepts of creating a website were elucidated, Mr. Omkar Mangalpalli explored the basic charts created using chart.js. He taught the participants how to make different charts, labeling them and making them visually appealing.

In the second session, the workshop proceeded to make use of this tremendous library to create an interactive dashboard. The speakers also explained the use of an API in this world of data and how it is aesthetically visualized on screens all over the world.

The principal aim of this workshop was fulfilled with all the participants designing an admin page with different kinds of graphs while using APIs of their choice. The workshop engaged the participants in a great learning experience, the speakers left no stone unturned while resolving the queries.

The didactic session was then topped off by putting forward a competition planned for the participants to ensure they successfully inculcated the skills they learned upon attending the workshop, whilst also serving the purpose of providing them with a real-life experience of being able to understand the library. The workshop received highly positive feedback making this workshop a success.

Sumit Jadhav (D14A) says, "The Chart-Js workshop was enlightening session arranged

Speakers of the event: Shubham Metkar (D16B) & Omkar Mangalpalli (D17A)

by ISA-VESIT. The first session was explicitly designed for beginners, and the second session was the demonstration of a project based on the same. The best part of the workshop was the flow. Starting from the ultimate basics to the creation of a captivating dashboard. Truly an enchanting learning experience from the proficient team."

Ayush Jain (D7B) says, "The overall session was interactive and quite useful. Also, each and every doubt was explained minutely. They took care that everyone was able to execute the program. The best thing was they sent the recordings of the session which was quite useful for the ones who couldn't attend. Seeing forward to attending more such sessions by ISA. Great job!"

Orientation Programme: Know your Department

As the previous academic year was held online in its entirety, many students spent their first year of college without having a personal connection with the college or faculties. To introduce the second year students to their departments, all the departments of VESIT organised **"Know Your Department"** in the months of August and September. This was a series of orientation sessions to introduce students to the goals set for them by the departments, alongside the people who will help them achieve these goals.

The Department of Electronics

-Abhiroop Bhattacharjee

The Department of Electronics conducted an e-session on the 4th of September 2021 from 11:00 am to 12 noon for all the students of the Electronics branch. As a result of this session, the students got to know more about the different facets of the department, the placement activities, and the various co-curricular and extracurricular activities that are conducted.

The session commenced with the programme coordinator **Mrs. Anushree Prabhu** (Assistant Professor, Department of Electronics) introducing the students to the faculty present in the meet and briefing them about the purpose of the session. Next, she called upon **Mrs. Kavita Tiwari** (Head, Department of Electronics) to address the students. She welcomed the students and introduced them to various aspects of the department. Following her, **Mrs. Navneeta Kant** (Deputy Head, Department of Electronics) stressed upon the department's vision and what she expects the students to do during their time at VESIT.

Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics) was the chief speaker for this session and he spoke to the students next on various topics pertaining to the Department. He spoke about the facilities that are provided by the department to the students like the different laboratories present in college as well as the various instruments and facilities that are present in the different labs. Next, he shared the achievements of the past students and the different initiatives and

projects taken up by them. He also spoke about the placements of the students of the Electronics stream of the previous years. The industrial visits and field trips that are conducted for the students by the college were also mentioned during his presentation.

Atharva Bhaindarkar (D6) says, "It was quite useful to know about our department as we never personally attended college and it was good knowing about the department in detail".

(L-R): Mrs. Kavita Tiwari (Head, Department of Electronics) and Mrs. Navneeta Kant (Deputy Head, Department of Electronics) addressing the students, coordinated the event

(L-R): Chief Speaker : Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics), Event Coordinator: Mrs. Anushree Prabhu (Assistant Professor, Department of Electronics)

The Department of Artificial Intelligence and Data Science

-Tanvi Kate

This year VESIT introduced a new department in the college called 'The Department of Artificial Intelligence and Data Science' with the aim of modernising the existing academic structure of the college. The Head of Department is **Dr. (Mrs.) M. Vijayalaxmi** (Vice Principal, VESIT). The total strength is 60 students and 6 faculty members. On 9th September an Orientation Programme for the Second Year Students Google Meet at 3 pm. It was attended by all the faculty members and students of the department.

The Orientation Programme commenced as The Head of the Department, Dr. Mrs. M. Vijayalaxmi welcomed everyone to the orientation. All the Faculty members introduced themselves thereafter and students were then given an overview of the department and what to expect from the course.

Since it is a newly opened department, the students were briefed about what Artificial intelligence and data Science truly implies. A quiz was held for understanding the students' knowledge about the field. The students were shown various documentaries on AI as well as Data Science, which they found to be really intriguing.

Things like college achievements, curriculum, mini-projects, extracurricular activities, clubs, academic opportunities, electives, etc. were discussed. They talked about the formation of the new 'AI Warriors Club: Thinkers at AI and DS' exclusively for the Artificial Intelligence and Data Science Department, which is highly anticipated by the students as well as faculty members. Later on, students were briefed about the AI-based mini-project, wherein they would have to make an AI-based game-playing algorithm, with board games such as chess, checkers, tic tac toe, etc.

Subrato Tapaswi (D6AD) said, "It was great to know more about our faculties who have been teaching us for some weeks now, and also our HOD.

Dr. (Mrs.) M. Vijayalaxmi (Head, Department of Artificial Intelligence and Data Science) commenced the Orientation Programme

Dr. (Mrs.) Vijayalaxmi Ma'am shared some really nice anecdotes related to AI. Also, Amit sir engaged us with interesting questions. All of them were excited to lead this new branch and that excitement reflected upon us and motivated us too."

The Department of Computer Engineering

-Mohit Shahdadpuri

The Department of Computer Engineering organized an orientation programme on 26th August 2021 from 2:30 pm to 4:30 pm on Google Meet. The session was aimed at helping students to know the facilities, practices and highlights of the department. It was attended by all the faculty members and students. The sessions were held under guidance of the Head of Department, **Dr. (Mrs.) Nupur Giri** and Deputy Head of the Department, **Dr. (Mrs.) Gresha Bhatia.**

The orientation began with **Mrs. Abha Tewari** (Assistant Professor, Department of Computer Engineering) welcoming the students to the department. The session was coordinated by **Mrs. Pallavi Gangurde** (Assistant Professor, Department of Computer Engineering). She then briefly explained the mission and vision of the Institute and the department to the students. She then threw light on the history, faculty and achievements of the department in various areas of specialization. The pictures of the infrastructure of the department laboratories, three specialized laboratories, a library, central arcade and the 'Archival and E-learning centre' were shown to the students.

The students were then acquainted with the Program Specific Objectives (PSOs), Program Outcomes (POs) and Student Centric approach of the department. Some of the highlights and best practices of the Department such as results, placement records, entrepreneurial initiatives, industry interactions along with awards and laurels were also shared with the students.

(L-R): Mrs. Abha Tewari (Assistant Professor, Department of Computer Engineering) welcomed the students, Mrs. Pallavi Gangurde (Assistant Professor, Department of Computer Engineering) coordinated the event

(L-R): The sessions were held under the guidance of Dr. Nupur Giri (Head, Department of Computer Engineering) and Dr. Gresha Bhatia (Deputy Head, Department of Computer Engineering)

"'Know your department' was a highly informative orientation programme conducted by the college. It helped me to get acquainted with our department very well. In this session, I got a broad outline of the available facilities in the college. The session was organised extremely well and helped me to gain a proper insight and a clear picture regarding the proceedings of the following years.", said Isha Desai (D7A).

"Fortunate, indeed, is the man who takes exactly the right measure of himself and holds a just balance between what he can acquire and what he can use."

- Winston S. Churchilll

The Department of Instrumentation

The Orientation Program for Second-year students of the Instrumentation Engineering branch named "Awareness on Engineering Discipline with Bright Future", was conducted on 18th September 2021. The program lasted for one hour, held under the supervision of **Mrs. Sangeeta Prasanna Ram** (Head, Department of Instrumentation) and **Mrs. Deepti Khimani** (Deputy Head, Department of Instrumentation). All the faculty members of the Instrumentation Department and students from class D8 attended the orientation.

The program started with the students being oriented about the Highlights of the department. The students were briefed and shown photographs about the state of art lab facilities such as transducers, process instrumentation, and PLC-DCS lab, various hardware and software facilities available in the department and how students could make the best use of them. Information regarding research funding and projects undertaken by previous batch students of Instrumentation engineering as well as the various prizes won by them at national level competitions were also shown to the students to motivate them to undertake good quality projects.

Eventually, **Mr. Prasad Godse** (Assistant Professor, Department of Instrumentation) gave a brief idea about the placement opportunities at the Instrumentation department in core and non-core companies. The students were also assured that they have made a wise decision in choosing Instrumentation engineering, with the abundant opportunities available to them in their

The sessions were held under the guidance of (L-R): Mrs. Sangeeta Prasanna Ram (Head, Dept of Instrumentation) and Mrs. Deepti Khimani (Deputy Head, Dept of Instrumentation)

-Tanaya Gaikar

Speaker: Mr. Prasad Godse (Assistant Professor, Department of Instrumentation)

way forward. In the end, Gaurav Govilkar (D13) and Rahul Patil (D13) mentioned councils and societies of VESIT. The session concluded with an interactive Q&A session.

C.S. Lakshmi (D8) says, "The department orientation was informative. We got a good idea about the department we are currently studying in, and the multiple avenues we will have in the future. The orientation cleared a lot of my doubts regarding facilities available for us and has made me excited about the multiple opportunities available for me. In all, it was a really good event."

The Department of Electronics and Telecommunication

The orientation session conducted by the Electronics and Telecommunication Department was held on 7th September 2021 through Google Meet. All the faculty members and second year students from the Department attended the orientation. The session started at 12 noon and lasted for an hour and a half.

Dr. (Mrs.) Shobha Krishnan (Head, Department of Electronics and Telecommunication) began the orientation by welcoming everyone followed by **Dr. Chandan Singh D. Rawat** (Deputy Head, Department of Electronics and Telecommunication) who discussed various topics like the curriculum, minor degree, added courses, lab facilities, extracurricular activities, college councils and technical societies. Some of the achievements from past years and our college alumni were also mentioned in the orientation.

The event was aimed to help the students know about their department and its faculty members. All the faculty members introduced themselves with their name and their designation. Later all the class representatives and class council in-charges were asked to introduce themselves.

Anushka Desai (D9A) says, " The orientation was very insightful and we got a clear idea and perspective of what lies ahead of us."

Tanmayee Bochare (D9B) says, "It was amazing, we got to know all the faculty members and so much more about our department."

-Puja Mahankuda

(L-R): The session was conducted by Dr. (Mrs.) Shobha Krishnan (Head, Department of Electronics and Telecommunication) and Dr. Chandan Singh D. Rawat (Deputy Head, Department of Electronics and Telecommunication)

The Department of Information Technology

The Department of Information Technology conducted an orientation on Monday, 27th September 2021 for all the second-year students via Google Meet. The orientation lasted for an hour from 3 to 4 pm. All the teachers and students from classes D10A and D10B attended the orientation.

The orientation began with **Dr. (Mrs.) Shalu Chopra** (Head, Department of Information Technology) welcoming the students and the faculty members. She gave a brief profile of the department, highlighting the infrastructure, laboratory facilities, and its achievements in past years. The faculty members introduced themselves and briefed about their areas of expertise. Apart from the academics, the students were also made aware of the extracurricular activities organized by various councils and societies. It was also mentioned that the main aim of the INFT Department has always been to enhance the students' knowledge about the latest technologies by organizing various technical programs and workshops.

-Janhavi Patil

Speakers (L-R): Mrs. Charusheela Nehete (Assistant Professor, Dept of Information Technology) and Dr. Shanta Sondur (Associate Professor, Dept of Information Technology)

Later, **Mrs. Charusheela Nehete** (Assistant Professor, Department of Information Technology) and **Dr. Shanta Sondur** (Associate Professor, Department of Information Technology) acquainted the students with the projects they were working on and encouraged everyone to participate in them. The orientation was aimed to motivate and enlighten the students, while giving them a clear understanding of the functioning of the department. The session concluded with an interactive Q&A session.

Nikita Khabya (D10B) said, "All the teachers gave a great insight into the department, and told us about their experiences in VESIT. It was a very informative session and developed a sense of motivation for our future years!"

Dr. (Mrs.) Shalu Chopra (Head, Department of Information Technology) welcomed the students

VESIT Voice

-Sristi Kushwaha

As the year progresses into the second half, the month of September delivers a slew of accomplishments for VESIT and its students. And from this, we can say that how simple and effortless it is for us to adapt to the new normal while still achieving our goals.

VESIT has been named 'Leading and Innovative Engineering & Technology College Of The Year 2021 - Maharashtra' in the category of Quality Education, Leading Infrastructure, Outstanding Administration, and Placements, adding another feather to its hat. In addition, Dr. (Mrs.) J. M. Nair (Principal, VESIT) received an award in the Administration and Research category for 'Outstanding Contribution in Educational Domain'. VESIT is listed in the NIRF and is ranked 251-300 out of 1143 engineering institutes in the Engineering Category. VESIT's 'Team Anshashodhak' qualified for the Swadeshi Microprocessor Challenge final round. A session on computer network security was held by the Department of Information Technology. VRC conducted AI-Syberthon, a hackathon that uses AI for fraud detection at Bank in association with a reputed Bank. The Humanities and Applied Sciences Department conducted the 'Awakening the Scientists Competition 2020-21'. A seminar on 'IPR, Patenting, and How to File Copyright' was held by the Department of Information Technology as part of e-Disha. The Electronics department hosted a session on 'Mini Project - Design Thinking' for 2nd year & 3rd year students. Further, ISA kicked off the academic year with its events such as 'EluciMate 2.0', a video-making competition, and a workshop on Chart.js Library. To introduce the second-year students to their departments, all the departments of VESIT arranged "Know Your Department".

Mr. Tanvir Ahmed Shaikh from the batch of INFT-2013 is featured in the Diaries section. He is currently employed at Genentech, Inc. in South San Francisco as a Principal Data Scientist. He shares his experience of studying at VESIT and life after that.

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A Shower of Appreciation on Teacher's Day

-Priyal Singh

5th September is celebrated as **Teacher's Day** all over India to commemorate the birth anniversary of **Dr. Sarvepalli Radhakrishnan**. At VESIT, this day was observed on the 7th of September, 2021 from 3:00 P.M. onwards via Google Meet. The special day began with some meditation and was followed by a felicitation function for teachers completing 20 years of service organized by the Staff Welfare Committee (SWC). The remarkable event was graced by the presence of about 82 teaching staff members. The Principal, Dr. (Mrs.) J.M. Nair and Vice Princpal, Dr. (Mrs.) M Vijayalakshmi felicitated and congratulated them for their 20 years of service

Guests of Honor (L-R) : Dr. (Mrs.) Shanta Sondur (Associate Professor, Department of Information Technology), Mrs. Manisha Chattopadhyay (Deputy Head, Department of Electronics and Telecommunication)

Mrs. Pallavi Pawar (Certified Yoga Trainer)

A brief introduction about the overall significance of Teacher's Day was provided, followed by some exercise. **Mrs. Pallavi Pawar** led the meditation session. She has completed her B.E. (Instrumentation) from VESIT in the year 1990. She is a certified Yoga Trainer and German Tutor. During the meditation, various Yoga poses were introduced to the attendees in the wake of helping align the body and soul.

In succession to the healthy introduction, **Dr. (Mrs.) Shanta Sondur** (Associate Professor, Department of Information Technology) and **Mrs. Manisha Chattopadhyay** (Deputy Head, Department of Electronics and Telecommunications) were felicitated for their praiseworthy, 2 decade-long services to their respective departments.

Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology) put together a noteworthy slideshow including pictures of their days spent at VESIT, which was displayed during the evening.

Later, **Mr. Prasad Godse** (Assistant Professor, Department of Instrumentation) and **Dr. Nandini Ammanagi** (Assistant Professor, Department of Electronics and Telecommunication) expressed their admiration for the guests of honor by relaying the hearty and nostalgic memories shared with them.

As the celebrants of the evening took center stage, they went over their most delightful and memorable experiences at VESIT, also expressing their heartfelt gratitude for the organization of the lovely evening. To end this gratifying event, **Dr. (Mrs.) Shanta Sondur** and **Mrs. Manisha Chattopadhyay** were presented with a token of love & appreciation by the Staff Welfare Committee on behalf of the whole institution in the form of a 5000 INR gift voucher from Lagu Bandhu, followed by a vote of thanks conveyed by **Mr. Vivek Umrikar** (Head, Department of Humanities and Applied Sciences).

(Top-Bottom, L-R): Mr. Vivek Umrikar (Head, Department of Humanities and Applied Sciences), Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology), Dr. Nandini Ammanagi (Assistant Professor, Department of Electronics and Telecommunication), Mr. Prasad Godse (Assistant Professor, Department of Instrumentation) and spoke a few words of gratitude

Dr. (Mrs.) Shanta Sondur said, "First of all, I want to thank the organizers of the Staff Welfare Team of VESIT and all my friends and well wishers for acknowledging my service in this institute. 20 years is a long journey but actually it is my 23 years of service in VES. VESIT taught me patience and helped me acquire one very important quality that is being an observer and also gave me a platform to experiment with all my ideas. I am very fortunate to have worked with very senior and noble people of our institute."

Mrs. Manisha Chattopadhyay said, "I am really thankful to the management and Staff Welfare Committee for felicitating me on completion of 20 years in this college. VESIT is truly a second home for me and I am looking forward to serving many more years in future."

The event was largely organised by the SWC team, namely, by the Secretary, **Dr. (Mrs.) Asawari Dudwadkar** (Assistant Professor, Department of Electronics) and the Treasurer, **Dr. (Mrs.) Gresha Bhatia** (Deputy Head, Department of Computer Science). **Mrs. Kajal Jewani** (Assistant Professor, Department of Information Technology) also lent a hand in the organisation as the Event Coordinator

Event Organisers (Top-Bottom, L-R) Dr. (Mrs.) Asawari Dudwadkar (Assistant Professor, Department of Electronics), Dr. (Mrs.) Gresha Bhatia (Deputy Head, Department of Computer Science), Mrs. Kajal Jewani (Assistant Professor, Department of Information Technology), Ms. Sukanya Roychowdhury (Assistant Professor, Department of Information Technology)

and **Ms. Sukanya Roychowdhury** (Assistant Professor, Department of Information Technology) as the Logistics Person.

Musings And Expressions

Acknowledging The True Backbone of The Society

The 5th day of September, which marks the birth anniversary of Dr. Sarvepalli Radhakrishnan, is widely celebrated as Teachers' Day across the country. Dr. Radhakrishnan, one of the first recipients of the Bharat Ratna, was an Indian scholar, professor, philosopher, and politician. He served as the second president, as well as the first vice-president of independent India.

Radhakrishnan was a passionate teacher. He taught at the Calcutta University, the Chennai's Presidency College, along with the world-renowned University of Oxford. His strong beliefs and consistent efforts to bridge the gap between the western and the Indian education system led to major changes in the way we perceive the concept of education today. To him, being educated didn't simply mean possessing degrees and diplomas, but rather also harboring moral values, a firm character, and a preparedness to face challenges in life. A well-educated individual mustn't just be knowledgeable, but also wise and well-rounded.

He chose to honour and appreciate the teachers around the world by insisting his birth anniversary be celebrated as Teachers' Day.

In life, you meet many influential people; all of whom help shape you into becoming who you are today. But a teacher's role in a child's life remains unparalleled. A teacher is one of the child's first mentors; not only do they impart knowledge, but they also help in molding the personality, broadening one's mindset, improving social skills, encouraging progressive thinking, conveying important values like honesty and chivalry. In doing so, they are also shaping the future of the nation.

The teaching job is one of the most overlooked professions in the country. Teachers spend hours researching and compiling data and have to constantly come up with creative ways to teach in order to keep the students interested. The job requires immense patience and tremendous effort. Teachers may not be doctors, lawyers, or engineers, but without teachers, there would be no doctors, lawyers, or engineers. Hence, it is safe to say they are the backbone of society.

The world wouldn't be the same without teachers. They nurture great minds; create better citizens. Behind every brilliant mind is a teacher that encouraged it, fueled it, and polished it. This Teachers' Day, don't forget to express your gratitude to the teachers who contributed toward making you who you are today.

Wishing all the readers a happy Teachers' Day!

Tanvi Kate (D6AD)

To The Guides And Motivators

Teachers' day is celebrated in India on 5th September. It is a familiar sight to see small kids carrying a bunch of flowers as gifts for their teachers. But as we grow up, we realize, teachers are not bound to the four walls of a classroom. We learn and teach things every day, may it be from that stranger on a bus or our siblings. Small moments spent with them end up teaching us lessons we remember throughout our life.

We humans come to this world as tiny, defenseless creatures. We constantly need attention and care. Slowly, as we grow up, we look at the world with curious eyes, trying to take in the world in its entirety. We are so inquisitive, always wanting to know how things work. In such a world, where everything is unfamiliar, our parents hold our hands and help us stand on our own feet. They raise us with love and affection and teach us how to make a mark on this world. Parents are the first teachers of our life.

For those who have siblings, we admire and try to imitate their behavior, way of dressing, and actions. I remember copying my brother's mannerisms and slangs to seem more like him. They are the person we wish to be, our role models. It may be their special secret recipe for chocolate milk. Or maybe how to hide the broken mugs, or helping in finishing the homework at night before submission, siblings teach us the precious lessons through countless memories that we cherish throughout our lives.

Friends are our next teachers. Friends are the greatest support one can find. The greatest treasure one can find is the friends they make. They listen to all the insecurities and fears and doubts without any judgment and give their opinion sincerely. Every moment spent with a friend is a beautiful memory. We learn and teach things every day, some of which stay with us forever.

There is no age for learning something or teaching something to someone. Telling your parents how to use online banking, asking someone how to fill a document, requesting your friends to teach you to spin the book; all of these adored moments end up influencing our lives in ways unknown to us. Looking back and reminiscing, I believe that all of them have helped me shape the person I am. So for this teachers' day, I would like to thank all those people who may not have been called Sir or Ma'am but have taught me things that have changed my life for the better.

Lakshmi Sundaram (D8)

Janmashtami

Rivers are trickling with glee,

Charming Peacocks dance relentlessly,

Whole of Vrindavan is ecstatic,

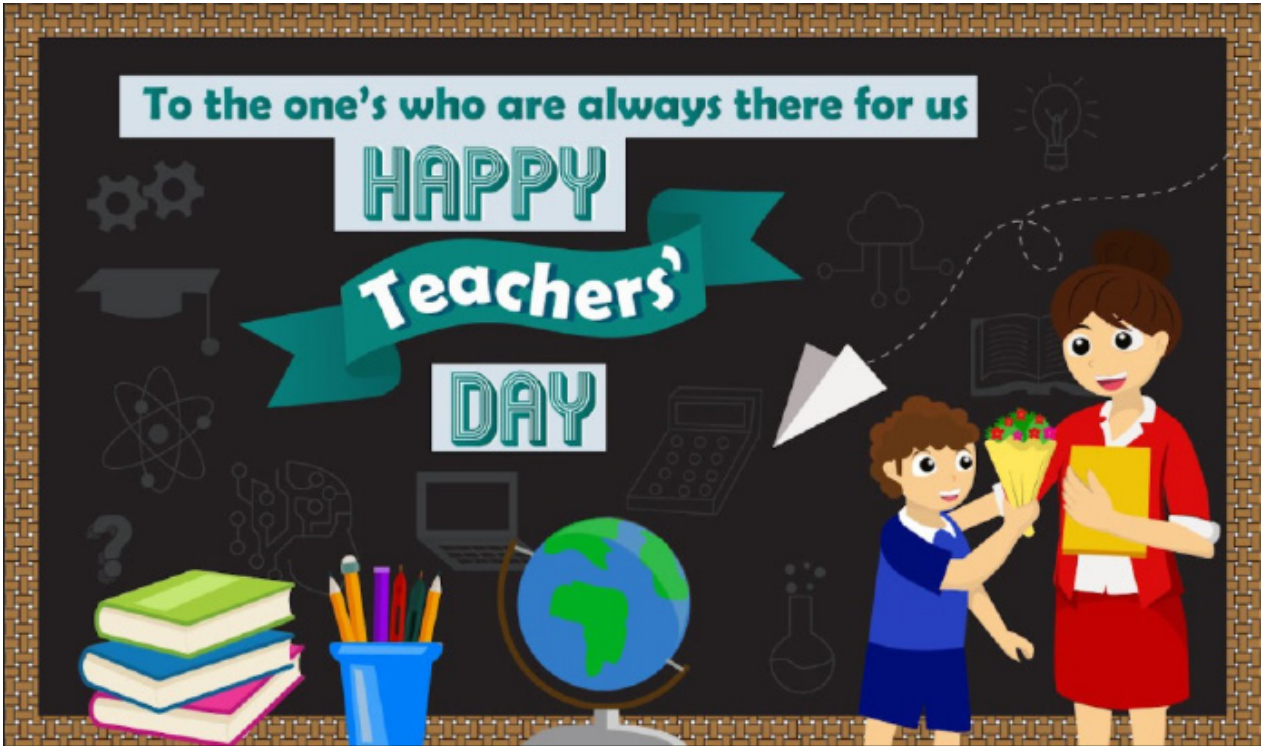On this divine occasion of Janmashtmi!!

Enchanting melody of Gopala's flute,

Has mingled with the hue of the blue,

Sight of the merry sky feels like,

Through the windows of eternity,

He's smiling at you!!

Streets of Mathura sing hymns of their saviour,

He has set feet in the clans of Vrindavan,

Playing and giggling with the children,

Catching a glimpse of fhis, stars too , shine with elation!!

He's come here to lift the Govardhana-

Of sorrows of this ephemeral race-

Mesmerized in the trap of Maya.

Wonders Mohana, when will nescient humans realise their mistakes!!

Mohit Shahdadpuri (D7A)

Janhavi Patil (D10B)

Hrutuja Mestry (D6A)

Gaurang Desai (D10A)

Rohit Kundnani (D20)

Puja Mahankuda(D9B)

Anvita Koyande(D8)

VESIT Diaries

-Vishakha Kulkarni

Mr. Tanvir Ahmed Shaikh completed his Bachelor's in Instrumentation Engineering in 2013. He then completed his Master's degree from Carnegie Mellon University. He is currently working as Principal Data Scientist at Genentech, Inc., South San Francisco. Here, he shares his experience of studying at VESIT and life after that.

Tell us something about your college life at VESIT. What was the most memorable moment at VESIT?

I made great long lasting friendships that stay with me to date. I enjoyed engaging with my batch mates from across the college in all the Utsav's and Sphurti's in my years at VESIT.

Which extra-curricular and co-curricular activities were you involved in at VESIT?

I was the captain of the college football team and was awarded the best football player in Sphurti 2013. I participated in Sphurti 2013 and won basketball, volleyball, and football. I took part in group discussions and debates. I was the ISTE coordinator.

Tell us something about your professional life just after VESIT. Where are you currently working?

I have had a diverse set of experiences coming out of college. But, let's start from the beginning. In my last semester, I lost my "dream job", as it was branded in those days, to work for Reliance as a Maintenance Engineer because I failed the medical test. It turned out that I was colour blind. I graduated from college without a job.

I tried my hand at various jobs in a 3 year span from selling online MBAs and being a trained volunteer at a suicide prevention helpline to being a sales engineer for Endress+Hauser, an instrumentation firm specializing in process automation. I gained a lot of diverse experiences and learnt the art of selling and managing stakeholders. But, I needed something to catalyze my career.

I gave the GMAT and scored a 740 which helped me get into the Masters of Information Systems Management (MISM) at Carnegie Mellon University. I was grateful to be awarded a 25% scholarship. It was awesome getting into the 21-month global program that saw me spend my first year in Adelaide, South Australia and my second year on the Pittsburgh, USA campus. Being a graduate teaching assistant for subjects such as Business English, Writing for Information Systems

Management, Strategic Presentation Skills, and NoSQL Database Management has helped me hone my presentation skills and ability to collaborate in a cross-functional environment. CMU also helped me change my career path to become a Data Scientist even though I did not have a comp science or IT background.

After graduating from CMU I joined Roche, one of the biggest pharmaceutical/biotech companies as a Data Scientist. Having been promoted twice in the past 3 years, I am currently a Principal Data Scientist in the Finance organization. I work on three things - Natural Language Processing, time series forecasting, and automation. I also lead a community to upskill the organization to help the employees become good data citizens. Finally, I lead Diversity and Inclusion initiatives within the Finance organization.

What are your interests/hobbies apart from IT? Any advice for the students on managing their time to pursue their careers and hobbies simultaneously?

Some of my hobbies include Singing, tennis, football, cooking and hiking. An advice that I always give to the students is that you need to take care of your physical and mental health while you pursue your academic goals.

How was your experience of graduating from Carnegie Mellon University, one of the most renowned universities?

I had the best experience as I got to do a global program and understand two different work cultures in Australia and the US. They are more inclusive than the work culture in India.

CMU helped me start a career in Data Science even though I do not have a computer science or IT background.

CMU opened three kinds of job opportunities for me - Software Engineer at FAANG, Technology Consultant at the Big 4 consulting firms, or a Data Scientist anywhere in the world. This helped me change my career path and get into one of the hottest sectors out there.

I got to polish my communication skills and create an awesome network of successful people.

How important is a master's degree in the current scenario?

It's always important, irrespective of the scenario. Investing in yourself is the best investment. It opens doors to other countries where pay and work

Mr. Tanvir Ahmed Shaikh

culture is more refined. It helps you change careers if needed. It is important to create a network that will help propel your career.

You volunteered at Samaritans Mumbai. How important do you think it is to give back to the community?

To each their own. I volunteered at a suicide prevention helpline because I wanted to fill a gap - there is a lack of unbiased listening in society. The experience improved my active listening skills and helped me become someone who doesn't judge people for their actions.

COVID '19 brought the entire world to a stop. Please share your experience of working through the pandemic.

I enjoyed working from home. I have set up a workstation at home and it is so convenient as I don't have to travel every day to work.

What traits according to you should a student hone to become an efficient leader?

Identify leaders that you like and learn more about what they do and how.

Your message to the new generation at VESIT!

Communication skills are the things that will set you apart from others in your career. Things that you need to be good at - elevator pitch, presentation skills, writing skills, and active listening for good requirements gathering.

All the best for your careers. Life is not a sprint, but a marathon. Ensure to have a balance to prevent yourself from being burned out.

"Success is not final, failure is not fatal: it is the courage to continue that counts."

- Winston S. Churchilll