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## An Enriching Session for Final Year Students

- Tanya Dubey

**T**he Training and Placement Cell of VESIT organized a session for all final year students to give them an insight into the **requirements for the placement processes**. The session was conducted on 25th August 2022 in the college auditorium in two batches. One batch at 11:00 am for the Department of Electronics and Telecommunications, Instrumentation, and Information Technology, and the other at 1:00 pm for the remaining departments. The moderator for the first batch of the session was **Ameya Padwad** (D19B) and for the second was **Gunjan Lalwani** (D17A).



Speaker of the session : Mr. Arshad Khan

The speaker of the session was **Mr. Arshad Khan**. Mr. Khan is a business growth coach, sales management expert, performance coach, happiness mentor and storyteller. He is the founder of **Claycan Business Solutions Pvt. Ltd.** His goal is to help organizations fulfill their professional aspirations and achieve financial goals faster and easier than they ever imagined, by simplifying things.

Mr. Arshad is a refined raconteur with a flair for making the seemingly complex easy to understand. He is a fan of simple and visual, and as a simplifier, he transforms complex into lucid. Most of his core strategies for creating breakthroughs have come from his past work experience with some of the biggest names in the business world before he began his entrepreneurial journey.

He is not just a performance coach that transforms the canvas of an organization's health,

he also deep dives into its DNA to study and present the 'bigger picture' to the organization for effective planning & implementation. A philanthropist at heart and a passionate HR expert with business acumen.

Intending to bring about positive change, he acts as a mentor, both at an organizational and individual level. He has taken organizations to the next level and acts as a catalyst in ensuring that they perform to their optimum. He speaks from his heart with a tinge of warmth and humour to make the audience affable. No matter how large or diverse the audience, he can communicate with each individual as if they were alone and conversing one-on-one.

In this session, Mr. Khan addressed the final-year students to help them perform better in their placement process. He didn't stick to the conventional presentation methods making the session different from others. He kept the one-hour session interactive and lively.

"The session conducted by Mr. Arshad Khan opened our minds to the inner workings of the recruitment process. It was quite an eye-opener to understand the interview from the recruiter's perspective. We learned various dos and don'ts about interacting with an interviewer. His industry experience and deep knowledge helped in increasing our placement chances and also boosting our confidence", said Raghuttam Parvatikar (D20B).



Mr. Khan posted a glimpse of the session on his Instagram page

## Skill Enhancement Lecture on Process Automation

- Shireya Nalawade

**T**he Skill Enhancement Lecture (2022-23) was conducted for B.E batch-Instrumentation. It was held on 23rd September 2022 from 2.00 to 4.00 pm in classroom 119. The lecture was conducted under the **Process Automation** domain, which is an industrial system in which processes are controlled and monitored automatically so as to minimize human

intervention.

The discussion primarily focused on the topic of Safety Instrumented Systems, which is one of the most important layers of factory automation design. So, this session enlightened the quintessential topic of **Industry Perspective on Safety Instrumented Systems**. It was conducted under the faculty **Dr. (Mrs.) Nilima**



**V Warke** (Associate Professor, Department of Instrumentation). The speaker for the event was **Mr. Siddharth Choudhari**, the Executive Engineer at Instrumentation, Thyssenkrupp Industrial Solutions Pvt. Ltd.



**Faculty in charge, Dr. (Mrs.) Nilima V Warke (Associate Professor, Department of Instrumentation)**

The students were acquainted with the topics like Distributed Control Systems Vs Safety Instrumented Systems, Analysis, SIS standard-IEC61511, and Safety Life cycle where they got explained about Implementation of Safety Critical Functions to bring the process to Safe State when an Unsafe Condition is detected on-demand basis and DCS is implemented for process control with

process critical interlock, sequencing, and day to day operations. Furthermore, they emphasized that the safety life-cycle for the process industry sector comes from the IEC 61511 standard.



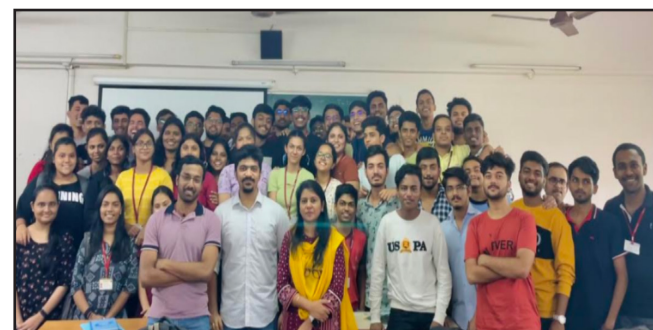
**Mr. Siddharth Chaudhari guiding on safety Instrumented systems**

Other topics include SIL levels according to low and continuous mode, SIL determination methods-LOPA and Risk graph and Case studies of SIS. The concept of safety integrity levels (SILs) was introduced during the development of BS EN 61508 (BSI 2002) as a measure of the quality or dependability of a system that has a Safety function—a measure of the confidence with which the system can be expected to perform that function. The notion of SIL requirements i.e Risk graph methods

and the layer of protection analysis (LOPA) – to process industry installations were deep-rooted.

The event concluded with a Q&A (Questions and Answers) session where students asked their queries regarding Instrumented Safety Systems. It was a knowledgeable and interactive session conducted for the B.E instrumentation batch.

Rahul Patil (D18) said, "The lecture gave us insight into the basics of SIS and its importance from an industry point of view. It gave us a perspective of the latest safety standards in the industry along with the advancements in technology to achieve optimum safety solutions."



**Final year students posing for a picture after the lecture**

## Ganesh Chaturthi Celebrations by the Exam Department

-Prachit P. Paralikar

The Department of Examination organized **Ganpati Celebration** from 31 August to 9 September. The Ganesh idol inside the Exam Department was beautifully decorated. All the teaching and the non-teaching staff used to gather everyday for aarti. After aarti the staff members distributed homemade prasada. The proceedings for all these celebrations was coordinated by **Dr. Sayali Ghadge** (Controller of Examination, Department of Examination) and **Mr. Amey Parker** (Deputy Controller of Examination, Department of Examination).

**Mrs. Sonali Rahate** (Registrar, Department of Examination) said that, "Ganapati celebrations filled the atmosphere with paramount joy. It was amazing to see all the staff members coming together and celebrating this pious festival."



**A snap of beautifully decorated Ganapati idol (L-R): Mrs. Pritam Kulkarni (Senior Clerk, Department of Examination), Mrs. Nilima Tambade (Head Clerk, Department of Examination), Mrs. Sonali Rahate (Exam Registrar, Department of Examination), Dr. Sayali Gharge (Controller of Examination, Department of Examination), Mrs. Leena Tiwrekar (Junior Clerk, Department of Examination), Mr. Amey Parker (Deputy Controller of Examination, Department of Examination), Mr. Chandrakant Tambade (Lab Attendant, Department of Examination)**

## Bappa's Blessing in VESIT Library

- Sai Thikekar

On September 8, 2022, the VESIT Library celebrated '**Ganesh Chaturthi**' with fervour and enthusiasm. It was a wonderful time for celebration, and it brought the students together virtually to celebrate the festival, displaying a sign of togetherness among everyone. Festivals build social cohesion. Festivals enlighten, educate, bring people together, break up the routine, and allow us to reenergize our body, mind, and soul. With this purpose in mind, Ganesh Chaturthi was observed in the college. This festival commemorates the birth anniversary of Lord Ganesha, the deity of beginnings and knowledge and the emblem of the removal of barriers.

The Ganesh Pooja and Aarti were held at 11.30 a.m. at the VESIT library and were attended by all of the college's teaching and non-teaching staff of the college with everyone looking their



**Ganesh Aarti being performed at VESIT Library**

best in traditional attire. After the Aarti, Prasad was distributed among all. The Pooja displayed the festive spirit of the VESIT family. This celebration



**Ganpati Bappa with a wonderful decoration in the library**

was possible with the constant support of the management, the enthusiastic faculty and all non-teaching staff members.



# VESIT Celebrates 2 Decades of Teaching

- Sneha Tanna, Rushikesh Saraf, and Anagha Kulkarni

On the Occasion of Teachers' Day, i.e on the 5th of September, VESIT felicitated the Professors who have completed 2 decades of teaching at VESIT. **Mrs. Asma Parveen** (Associate Professor, Department of Information Technology), **Dr. Sujata Khedkar** (Associate Professor, Department of Computer Engineering), **Mrs. Asha Bharambe** (Associate Professor, Department of Information Technology) and **Dr. Abhay Kshirsagar** (Associate Professor, Department of Electronics) were felicitated in this event by **Dr. (Mrs.) J.M. Nair** (Principal, VESIT) and **Dr. M. Vijalakshmi** (Vice Principal, VESIT) and Staff Welfare Committee.



Professors who were felicitated (Top-Bottom, L-R): Mrs. Asma Parveen (Associate Professor, Department of Information Technology), Dr. Sujata Khedkar (Associate Professor, Department of Computer Engineering), Mrs. Asha Bharambe (Associate Professor, Department of Information Technology) and Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics)

**Dr. Pooja Kundu** (Assistant Professor, Department of Humanities and Applied Sciences) was the host for this magnificent event. The host started by explaining the importance of teachers in human life. Then she showered words of appreciation on all the four teachers who were going to be felicitated. A video was then played starring Mrs. Asma Parveen showcasing the contributions she made in the field of teaching. Then the host called **Ms. Jaymala Adsul** (Assistant Professor, Department of Electronics Engineering) to share the two decade long journey of Mrs. Asma Parveen (Associate Professor, Department of Information Technology).



Host for the event: Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Science)

Mrs. Asma Parveen joined VESIT on 1st July 2001. Asma mam has completed her graduation and post-graduation in Electronics and Telecommunication. Her areas of interest are AI and Machine Learning, Nuclear Electronics, Embedded Systems, and IoT. Mrs. Asma has published a plethora of papers some of which are

'Digital Pulse Shape Analyser', and 'Comparison of Digital and Analog Pulse Analyser'. Asma mam has guided students in a variety of subjects ranging from Soft Computing to Linear Integrated Circuits. The host then called upon **Dr. Sharmila Sengupta** (Associate Professor, Department of Computer Engineering) to introduce the audience to the inspiring journey of Dr. Sujata Khedkar (Associate Professor, Department of Computer Engineering). Dr. Sujata Khedkar joined VESIT on 2nd July 2001 as a lecturer in the Computer Engineering Department. Talking about her best memory Dr. Sujata Khedkar said, "There were many joyful, memorable, and proud moments during my 20 years of service. I recall accompanying the VESIT Team which won first prize in 'ELECARAMA 2005' in Delhi, Team 'Trend Setter' which won the prize in 'IBM TGMC' in 2009, Team 'Enable' which won three prizes in 'The Microsoft Imagine Cup' in 2010, Team 'DES (Driver Evaluation System)' in 'KPIT- SPARKLE Challenge' in 2015, Team 'Swachh AI' qualified for the final round of 'Avishkar 2021', Team 'Emotional AI based Interview Aid' own third prize in 'Tech4Good 2022' National Level Project competition and many more. I am proud of my students, and the time I spend mentoring and teaching them is among my fondest memories."



(L-R): J.M. Nair (Principal, VESIT) and Dr. M. Vijalakshmi (Vice Principal, VESIT) felicitated the professors

Dr. Sujata shared what motivates her to teach for so long and yet not get tired, "Learning new technology and imparting my knowledge to students are two of my greatest passions. I think of my students, and I remind myself that I have to play an important role in their lives by mentoring them in the right direction. This keeps me motivated to teach for so long in the interest of my students."

Dr. Sujata's thought about the evolution of teaching over the last 20 years is, "Teaching has changed dramatically over the years, from blackboard-based teaching to Google Classroom. E-learning, Digital devices, Educational apps, and Progressive Learning Environments are helping students to learn at their own pace. In these changing times teachers are expected to constantly learn, plan, publish, share and collaborate with their peers and students. For effective teaching, teachers must adapt to changing student needs, share their ideas, stay connected through social media."



(L-R): Ms. Jaymala Adsul (Assistant Professor, Department of Electronics Engineering) and Dr. Sharmila Sengupta (Associate Professor, Department of Computer Engineering)

Lastly, talking about plans, Dr. Sujata Khedkar said, "As technology is continuously changing and evolving, in the future I would like to continue to learn, adapt, share, and serve the Institute in a better way."

Then the host moved to the next Professor, Mrs. Asha Bharambe (Associate Professor, Department of Information Technology) who joined VESIT on 19 September 2001 as a lecturer in the department of Information Technology.

Mrs. Asha Bharambe's areas of interest include Data Analytics, Artificial Intelligence, Deep Learning, and Big Data. As her area of interest includes new technologies, Mrs. Asha Bharambe has completed a few courses related to them, such as Data Mining and business intelligence, Artificial Intelligence, DevOps, Infrastructure Security, Advanced Software Engineering, Computer Graphics, and Virtual Reality.

During her journey in VESIT, with the company of other professors, Mrs. Asha Bharambe has published many research papers, a few of which are "A Deep Learning Approach for Dengue Tweet Classification," 2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA), Relevium - "Disaster Management using Twitter", IEEE International Conference on Intelligent Technologies, Hubballi, India (CONIT'21), "VR PHOTOGRAPHY EMBEDDED MAP WITH GRID BASED INDOOR POSITIONING", IEEE 2nd International Conference of Emerging Technologies 2021, "Recognition and Depth Approximation of Dry & Filled Potholes", International Journal of Innovative Research in Science, Engineering and Technology, Volume 8, Issue 8, August 2019, ISSN.

After a series of felicitations, it was time for some cultural performances. The host invited **Mrs. Nusrat Ansari** (Assistant Professor, Department of Computer Engineering) and **Mr. Sanjay Mirchandani** (Assistant Professor, Department of Computer Engineering) on the stage. Both Professors enchanted the audiences with their melodious voices. The host then said, "So, now let's felicitate our next Professor Dr. Abhay Kshirsagar." **Mr. Vivek Umrikar** shared the journey of Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics) at VESIT in brief.



(L-R): Mrs. Nusrat Ansari (Assistant Professor, Department of Computer Engineering), Mr. Sanjay Mirchandani (Assistant Professor, Department of Computer Engineering) and Mr. Vivek Umrikar (Head, Department of Humanities and Applied Sciences)

Mr. Vivek said, "Abhay sir's journey and his unique teaching method have impacted many students of VESIT and motivated them to develop an interest in technical and core subjects. He joined VESIT on 10th July 2001, it has been more than 20 years now but he still works hard, respects his profession, and continues to adapt with time."



Mr. Abhay holds expertise in many fields, some of which include Integrated Circuit Technology, MEMS Technology, and Microcomputer System Design. About his teaching methods, Mr. Vivek said, "In his 20 years of teaching, he always believed in having interactive lectures, he never believed in running the lectures, he

always used to recap the topics covered in previous lectures, which he continues even today, he believes in practical and logical learning". Shedding light on Mr. Abhay's plans, he said that he wants to continue in VESIT, work hard, groom his skills, make the students practically self-sufficient with their skills and learning, and successfully make them industry-

ready professionals.

The host then thanked the audience for attending the event and making it extra special. The host also expressed her special gratitude to the non-teaching staff for their enormous cooperation in the event.

## Councils

# For Deep Blue, Think Blue

- Suhanee Kandalkar

With 7 successful seasons, "Project Deep Blue- A Mastek Initiative" is back with another exciting Season 8. An introductory talk was held on 30th August 2022 at 4 pm.



**Speaker of the session: Mr. R Sundar (Co-founder of Mastek-Majesco)**

VESIT Entrepreneurship Cell's Co-ordinator **Mr. Amit R. Singh** (Assistant Professor, Department of Artificial Intelligence and Data Science) made sure that maximum number of students from the AI & DS department attend this session. As **Mr. R Sundar** (Co-founder of Mastek-Majesco) said in one of his interviews "The idea is to train youngsters to think deep that's what inspired us to name this initiative as Deep Blue."

Project Deep Blue is an exciting initiative by Mastek-Majesco, providing several benefits to the participants, including but not limited to exposure and the opportunity to work on a real-world problem with Industrial Mentors & Attractive Prizes. It was a different experience altogether, as

the competition spans a period of 3-4 months.

The speaker very well explained the concept of Project Deep Blue. It encourages change-makers and forward-thinkers to challenge the status quo. It signifies the willingness to dive into the problem, the determination to get to the bottom of the issue, and the drive to find a solution. It alludes to deep, intense, profound, and intellectual thoughts. We are looking at passionate youngsters who have the willingness to use technology to create a difference. Project Deep blue provides this platform to create an impact for a better life. A chance to make a difference by solving real-world problems.



**Faculty in charge Mr. Amit Singh (Assistant Professor, Department of Artificial Intelligence & Data Science)**

Project Deep Blue not only fosters excellence, design thinking, creativity, and coding but also helps in developing mobile apps & presentation skills. The advantages of taking part in Project Deep Blue are learning to Excel, Personal

mentoring by experts from Mastek, Opportunity to witness the implementation of your project in real-life impacting many lives.

Giving your career a boost by playing a lead innovator's role in a large corporate, building and developing your entrepreneurial skills for start-ups while gaining hands-on experience to become an industry-ready professional. This project can be a part of the student's annual submission as well. A certificate of experience is issued to all participants who complete the project.

Most participation was expected from VESIT as previous winners, from TE, were also present in the meet.

Mr. Somesh Sidhwani (Batch of 2020, Department of Computer Engineering) said, "Amazing experience, and lots of innovative solutions! Really thankful to Mastek-Majesco for arranging such a dynamic platform which allowed us to tackle real-life problems and do something for the community."

Ms. Ujala Jha (Batch of 2020, Department of Information Technology) said, "The Vivekanand Education Society's Institute of Technology is a great learning experience! Our mentor, Preethi Iyer guided us through the various stages of developing the solution and helped us finally arrive at the stage where we could present our solution as a whole. Project Deep Blue gave us the opportunity to explore the depth of the problem and learn the ways of the industry."

# Celebrating Ganesh Chaturthi with EBSB

- Anagha Kulkarni

**E**k Bharat Shreshtha Bharat- VESIT came up with their first event for the academic year 2022-2023 "Ganesh Chaturthi Celebrations" in collaboration with **International Management Institute (IMI)**, Bhubaneswar. The event took place on 2nd September 2022 on YouTube. The event was conducted under the guidance of **Dr. Geeta Ajit** (Assistant Professor, Department of Humanities and Sciences), the faculty coordinator of the EBSB council (2022-23).



**EBSB coordinator, Dr. Geeta Ajit (Assistant Professor, Department of Humanities and Sciences)**

EBSB has been one of the major flagship programs of the Government to bring in cultural integration of the country as a part of the vision to build a "New India by 2022". The states carry out activities to promote a sustained and structured cultural connection in the areas of language learning, culture, traditions, music, tourism, cuisine, sports, sharing of best practices, etc. VESIT has been paired up with **International Management Institute (IMI)**, Bhubaneswar. On the account of auspicious Ganesh Chaturthi festival, three students of VESIT gave a beautiful presentation on Lord Ganesha and the celebration of the grand festival in Maharashtra.

The event began with a warm welcome by **Sahil Parab** (D11AD), who enlightened us about the festival with its introduction, history, and significance. **Neeraj Chawla** (D12B) briefly explained the rituals which are performed during the 10-day-long festival. **Mayank Bhate** (D11) mentioned the places where Ganesh Chaturthi is

celebrated with the most keenness and enthusiasm all across India and the world, followed by the video of the celebration of Ganesh Chaturthi festival in the VESIT hostel. The event was concluded with a vote of thanks by **Sahil Parab** (D11AD).

**Ishaan Jukar** (D13) said "This event was done or organized by us within a short span of 2 days. I am really happy that my team is very dedicated and also this event was done to share the background of this festival and how it is celebrated."



**Speakers of the event (L-R): Neeraj Chawla (D12B), Sahil Parab (D11AD) and Mayank Bhate (D11)**



# Cleanrific - A Plastic Collection Drive

- Preeti Khamkar

According to the estimates, India generates nearly 26,000 tonnes of plastic daily, out of which 10,000 tonnes of waste remain uncollected. Every day approximately 8 million pieces of plastic waste find their way into the ocean. To tackle this problem and make our contribution to the environment, the SoRT Council, under the guidance of **Dr. Pooja Kundu** (Assistant Professor, Department of Humanities and Applied Science), arranged the **Cleanrific- A Plastic Collection Drive**.



Poster of the Cleanrific- A Plastic Collection Drive

In light of **World Cleanliness Day** on 17 September 2022, the Cleanrific drive was organized on 15th and 16th September 2022 at the

Amphitheatre. Plastic waste available at one's house or neighbourhood was collected from 10.00 am to 3.00 pm each day.



**Dr. Pooja Kundu** (Assistant Professor, Department of Humanities and Applied Science)

On the second day of the drive, SoRT Council in collaboration with Music Council arranged a jamming event from 12.00 pm to 1.00 pm in the amphitheatre. This attracted a lot of audiences and thus aided Cleanrific in collecting more plastic waste.

The Cleanrific drive received an overwhelming response from the staff, students, and faculties. Thus, 15-17 kilograms of plastic bags, wrappers, and plastic bottles were collected. The drive was satisfyingly concluded by donating the collected plastic waste to **Jay foundation**, an NGO that aims for its proper disposal.

Harsh Jain (D6AD) shared about his contribution to this drive, "I got to know about the plastic contribution drive a day before from SoRT's

Instagram account. It is our utmost duty to do our little part. I looked around my place and pulled up whatever plastic I could find that fit the criterion. Bringing all that to the college, I also found a plastic bottle right in front of the main gate and proceeded to give it away. Finally, when I saw the cardboard boxes made by the Council, the work and prep they had put in for an event they wouldn't get anything out of it, I was impressed. Hence, I tried encouraging others to contribute to the cause too!"



The SoRT council posing for a picture after the successful execution of the plastic collection drive (L-R): Diya Shah (D15A), Swarnika Singh (D10B), Rushikesh Yeole (D10B), Aadarsh Dubey (D9B), Suleman Mathekar (D15A), Soniya Deshmukh (D14B), Rujuta Bhor (D9B) and Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Science)

# Capture the Moment and Share a Story

- Sai Thikekar

**Har Ghar Tiranga**, a campaign under **Azadi Ka Amrit Mahotsav**, was celebrated creatively in VESIT. VESIT Student's Club in collaboration with VESIT PhotoCircle organized a Photo & Reels Contest, to encourage students to bring the Tiranga home and hoist it to mark the 75 years of Indian Independence.



Poster of the contest

Students were invited via mail to participate in contests and showcase their creativity. All the

interested participants were given a deadline of November 5th, 2022 to submit their entries on google forms. Around 20 students participated in the photo and reels contest respectively. The theme for the reel contest was '**17 Sustainability Goals**', and the time limit set for the reel was 45-60 seconds, and for the photo contest, the theme was '**Har Ghar Tiranga**'. The winners were judged by the VESIT PhotoCircle and the top three winners of each category in the contest were rewarded with cash prizes.

One of the winners of the contest Rajat Mhatre (D14B) shared his experience with us. He shared, "As one of the winners of the Reels contest I loved the theme of 17 Sustainable Goals which drove me to make a reel just to create awareness and inspire people. 'Life on Land' was the topic I chose to explain the importance of our nature & wildlife".

## Winners of Photography Track:

First Position: **Sharan Bhamrah** (D9A)  
Second Position: **Juhi Chatlani** (D17A)  
Third Position: **Yash Dubey** (D15B)



Winners of Photography Track (L-R): Sharan Bhamrah (D9A), Juhi Chatlani (D17A) and Yash Dubey (D15B)



Winners of Reel Track (L-R): Aditi Bhatia (D12A), Rajat Mhatre (D14B) and Jaykumar Kabra (D11)

## Winners of Reels Track:

First Position: **Aditi Bhatia** (D12A)  
Second Position: **Rajat Mhatre** (D14B)  
Third Position: **Jaykumar Kabra** (D11)

*"Develop success from failures. Discouragement and failure are two of the surest stepping stones to success"*

~Dale Carnegie



# Engineers Organize Engineer's Day

- Kavish Punjabi

Every year India celebrates the **National Engineer's day** on 15th September to recognize and honour the remarkable achievements and notable achievements of the **Late Mokshagundam Visvesvaraya**, an outstanding engineer born in Mysore, India.



**Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication Engineering) attended the event

The Cultural Council organized the Engineers Day event on 16th September 2022 in the college Amphitheater from 3 pm onwards. The event was hosted by **Vaidyanathan Natarajan** (D18). This event was divided into 2 segments. The

council organized a fun interactive session for the faculty and staff from 3 pm to 4 pm, which consisted of quizzes. The faculty that joined the event was **Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication Engineering).

There was a Scavenger Hunt for the students. There were four rounds in this event and clues were hidden in different places in the college. Students had to perform tasks to get the clues. In the first round (game of seven) they were given seven clues and they had to find the clue for the next round. In the second round (line cross) they had to cross the line and then collect the clues. In the buzzer wire round they had to press the buzzer and win the clues. The winners of the Scavenger hunt were **Komal Tilokani** (D9B), **Riddhi Solanke** (D9B), **Bhakti Daga** (D9B), and **Palak Lalwani** (D9B).

Komal Tilokani (D9B) said, "The event was well organized by the council. The games were quite interesting and were not cliché."

Soham Shetye (D10A) from the Cultural Council said, "There was a lot of hard work and effort that was put in the event. There were a lot of efforts by the Aesthetic's Team as all the props were handmade."



**Host of the Event: Vaidyanathan Natarajan (D18)**



**Winners of Scavenger Hunt (L-R): Bhakti Daga (D9B), Palak Lalwani (D9B), Riddhi Solanke (D9B) and Komal Tilokani (D9B)**

## Societies

# The Craft of PCB Designing

- Rushikesh Sarak

Learning the skill and craft of PCB Designing is vital for engineering students, especially core branch students. To enhance student's skills, Tinkerer's Lab EXTC organized a '**PCB Designing Workshop**' for all the students of VESIT. The workshop was organized on the 17th of September 2022. The workshop was coordinated by **Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication) and **Mr. Chintan Jethva** (Assistant Professor, Department of Electronics and Telecommunication).



**Poster of the workshop**

The workshop began with an introduction to PCB by Senior Technical Officer **Alrich Xavier Dsouza** (D14B), all the basics of PCB were explained. Industrial uses of PCB and its practical applications were explained by Senior Technical Officer **Aayushi Rajeshirke** (D14B). It was a beginner-friendly workshop. The PCB Designing Workshop aimed to provide information & knowledge regarding PCB & how it can be designed from the basics. The workshop helped students learn PCB Designing (Hardware) and how to get started with the EAGLE Software.



**Coordinators of the workshop (L-R): Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication) and **Mr. Chintan Jethva** (Assistant Professor, Department of Electronics and Telecommunication)

**Mr. Gopalakrishnan Narayanan** (Assistant Professor, Department of Instrumentation) conducted a session on Eagle Software Layout Designing. More than 55 students participated in the workshop. All the members of EXTC Tinkerer's Lab were present to ensure the smooth conduction of the workshop and they also volunteered to help the participants with their doubts. A WhatsApp group was created to solve further problems and doubts of the participants.



**Speakers of the session (L-R): Aayushi Rajeshirke (D14B) and Alrich Xavier Dsouza (D14B)**



**Speaker of the session: Mr. Gopalakrishnan Narayanan** (Assistant Professor, Department of Instrumentation)

A certificate of appreciation was provided to all the participants. It was a very informative workshop, which successfully groomed the skills of the participants and helped them learn the practical implementation and use of PCBs. Faculty members of the Electronics and Telecommunication Department appreciated the team for its successful execution and motivated all the participants to participate in more numbers in all the upcoming workshops and focus more on learning than knowing.

Junior Managing Officer **Bhakti Daga** (D9B) said, "It was my first workshop after joining the EXTC tinkerer's team and I am now glad that I am in a team of innovating thinkers who always work hard for excellence and this successful workshop is just a proof of it."

Adding on to the session experience, **Aditya Gaikwad** (D9B) said "PCB Designing Workshop was essential because our mini project is entirely based on the use of PCB. I am thankful to Tinkerer's Lab EXTC for conducting such an informative session."



# IEEE Presents Fun-Filled Arcade

- Vrushabh Karavde and Sneha Tanna

The academic year 2022-23 is full of first times, so here comes the first fun event of this year **IEEE Arcade** by a technical society, IEEE VESIT. This was a two-day fun event conducted on the 15th and 16th of September from 3-5 pm. More than 200 participants enjoyed the games in this two-day event.

The event's setup from buying the ticket to the decor was done in such a way that it resembled an original arcade. All the members of the IEEE were involved in the event. Not only the students but faculty members too enjoyed this fun event.



The IEEE team which fabricated this entertaining Arcade



Poster of the IEEE Arcade

On the first day, the following games were played Xoxo, Pong flip, Flip the cards, Karaoke, Angry birds, Lord of rings, Jig-saw, Tower shoot, IEEE Balloon shoot, and Jenga. The first day was full of individual games and every participant was cheering for other participants.

After the successful and delightful completion of the first day, the second day proved to be more exciting and fun-loving, the following games were played karaoke, arm wrestling, red light

green light, musical chairs, fire in the mountain, and blind spot. The second day was for group participation, people enjoyed and played like a team.

The event was like perfect medicine during the hectic time of submissions, vivas, and project reviews. People enjoyed it a lot and the IEEE team was successful in this perfect fun-time event.

Anurag Shirshkar (D7A), said, "The event was amazing and stress-relieving, I enjoyed it a lot. Musical chairs was one of my favorite games."



Participants enjoying the games arranged

# Data Visualization through the Eyes of IEEE

- Sneha Tanna

As the academic year, 2022-23 is full of new beginnings, **IEEE-VESIT** came with its first and engaging **Tableau Workshop**. This was a two-day workshop, held on the 26th and 27th of August in rooms B51 and B52, 5th floor. The registration was open for all students and interested students were supposed to fill out the registration form. There was a pre-requisite to install the Tableau software on laptops and all the steps for installation were provided by IEEE members.



Speakers of the event (Top-Bottom, L-R): Aditi Bombe (D14B), Mayuri Yerande (D15B), Kedar Gawhankar (D15B) and Aditi Miniyar (D15B)

The speakers of the workshop were **Aditi Bombe** (D14B), **Kedar Gawhankar** (D15B), **Aditi**

**Minayar** (D15B), and **Mayuri Yerande** (D15B). **Ms. Ashwini Sawant** (Assistant Professor, Department of Electronics and Telecommunication) and **Mrs. Asha Bharambe** (Associate Professor, Department of Information Technology) were the faculty in-charges of the workshop.



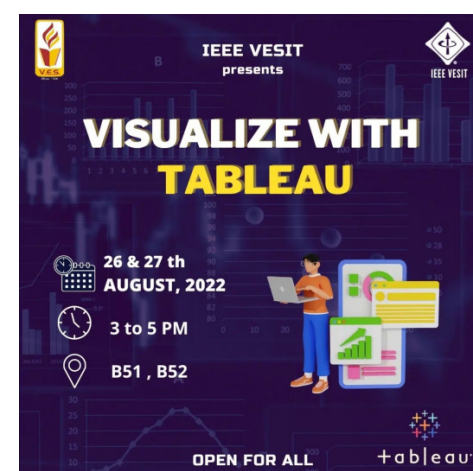
Faculty Incharge of the Event (L-R): Ms. Ashwini Sawant (Assistant Professor, Department of Electronics and Telecommunication), Mrs. Asha Bharambe (Associate Professor, Department of Information Technology)

The first day of the workshop started with a simple note on what data visualization actually means and its importance, and the attendees were introduced to different methods of data visualization. After all the basics of data visualization, the workshop's main purpose, which was the basics of Tableau, was taught to the participants. At the end of the first day, attendees could plot basic graphs using the inbuilt dataset in

Tableau.

The second day of the workshop was conducted online on the Google meet platform. The basics were done on the first day of the workshop, so the main purpose of this day was to make a complete dashboard. The dashboard was interactive, if the input was changed, then the whole graph would change according to the new input.

Shreyash Dhasade (D10B), said, "The workshop was very interesting and interactive. I learned to create visual analytics. The huge stack of data was understandable in simple visuals. I was able to build dashboards and some of the features like drag and drop make it, even more, easier in tableau."



Poster of the workshop

# Gitway to Open Source

- Prachit P. Paralikar

VESIT's student chapter of the Indian Society For Technical Education shook hands with CodeCell VESIT this August to organize a workshop named '**Gitway to Open Source**' on the 24th and 25th of August 2022. This workshop sponsored by **La Pino'z Pizza, Chembur** was set up to provide basic knowledge about Gitway to its enrollers.

This was one of the most hyped workshops of the semester and was conducted in three batches in three different classrooms viz. B31, B32 and lab 308 on the third floor.

## Day 1

The session started sharp at 3:30 pm with an energetic opening speech which introduced

the attendees to the world of Gitway. The speech highlighted the benefits of Git and explained why it's essential for programmers to have a fundamental knowledge of Git.

The responsibility of giving these opening remarks was entrusted to ISTE's Jr. Public Relation Officers, **Khushi Mahamunkar** (D15A), **Atharva Joshi** (D14A) and CodeCell's S.E. Ambassador



**Yashodhan Sharma** (D7B) in classes B31, B32 and lab 308 respectively.



Poster of the workshop

After the introduction, the major task was to get all the essential installations needed for Git to get done on the attendee's laptop. Though the organizing committee had sent detailed instructions about installation beforehand, attendees being amateurs in this field faced difficulties. The helpful organizing committee members solved these issues patiently.

CodeCell's Public Relations Officer **Madhura Mhatre** (D12C) and CodeCell's T.E. Ambassador **Khushi Bhatia** (D12C), ISTE's Jr. technical officers **Sarvesh Patil** (D15A) and **Surya Ganiga** (D11AD) were the speakers in classes

B31, B32 and lab 308. These speakers explained concepts, performed practicals and were guides of attendees in the journey of learning Git.

The workshop covered concepts of the difference between Git and GitHub, basic commands of Git, and understanding the environment of Github and website hosting with GitHub pages.

The workshop received a huge response on the first day with 120 attendees. The workshop concluded at 5:30 pm with the enrollers happily hosting their websites on GitHub pages.

### Day 2

For the second day, ISTE's Jr. technical officer **Surya Ganiga** (D11AD) and CodeCell's SE Technical Manager **Sadhak Kumar** (D7C) were speakers in B31 while ISTE's Jr. technical officer **Sarvesh Patil** (D15A) and CodeCell's SE Technical Manager **Attreyee Mukherjee** (D7B) were speakers in B32.

Keeping the enthusiasm of day 1 intact the participants were now excited to gain more knowledge on Git. The speakers explained advanced commands like branching, merging, and forking, concepts like Project management and collaboration, and gave an introduction to the world of Open source.

The second day witnessed over 80 participants on the second day. The workshop concluded with participants learning a multitude of concepts of Git. The sponsor of the workshop La Pino's, Chembur gave free discount coupons to all participants of the workshops.

Susmita Santi (D10A) said, an attendee

said, "The workshop was amazing and it was worth waiting for after college."

Subrato Tapaswi (D11AD) said, "The workshop was a great collaboration between the two councils. It helped us to know not only the basics of Git & GitHub but also the advanced concepts like Rebasing, etc. of Git."



**Distinguished Speakers of ISTE and CodeCell who guided participants in the journey of learning Git (Top-Bottom, L-R): Khushi Mahamunkar (D15A), Atharva Joshi (D14A), Yashodhan Sharma (D7B), Madhura Mhatre (D12C), Khushi Bhatia (D12C), Sarvesh Patil (D15A), Surya Ganiga (D11AD), Sadhak Kumar (D7C) and Attreyee Mukherjee (D7B)**

## ISA 3D Animation Workshop

- *Ninad Joshi*

Have you ever wondered how animated 3D webpages and web games are created? ISA-VESIT carried out a **"Three.js Workshop"** on 17th and 18th September 2022. The two day workshop was conducted by **Yash Chavan** (D14A, Junior Software Developer at ISA-VESIT) and **Aman Rajbhar** (D13, Web Editor at ISA-VESIT).



Speakers of the workshop (L-R): Aman Rajbhar (D13) and Yash Chavan (D14A)

This workshop saw enthusiastic student participation was designed to educate attendees

about how to add 3D models to various web applications using Three.js and began with the education of basic concepts of JavaScript and its significance in the future. Further, the preliminaries of Three.js using node.js and visual studio code were thoroughly explained and their fundamentals such as setting up a scene, adding a camera, and rendering were covered.

The first day of the workshop focused on the fundamentals of CSS, HTML and JS which form the basis of a website and application designs. The second day kicked off with setting the environment in Three.js followed by the virtual world, Cyber Ninja 3D and the Box Animations Project. Each project covered the various aspects in 3D design namely lights, geometry, rotation etc.

The workshop was interactive and it helped the participants to create 3D projects that can be used in websites, applications as well as personal portfolio using Three.js.

Aradhya Ingle (D7A) said "The workshop was extremely helpful because it helped expand my knowledge of web development. The best part about the workshop was that it was something I had always wanted to learn and was curious about animation and making moving 3-D objects seemed really cool."



Poster of 3D Animation workshop

## Bringing Ideas to Life

- *Gargi Angne*

ISA-VESIT conducted a parturient offline workshop on **'3D Printing'** on the 25th and 26th of August, 2022 from 3: 30pm to 5: 30pm. This workshop was conducted by the Operations Officer, **Nikhil Gore** (D13), and the Technical Executive, **Vinayak Rasal** (D13). The workshop aimed to give a basic understanding of 3D printing and the implementation of various 3D printing concepts. It also provided the attendees with a hands-on experience of 3D printing.



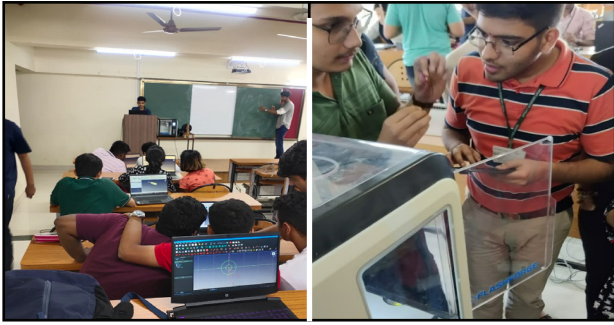
Speakers of the workshop (L-R): Nikhil Gore (D13) and Vinayak Rasal (D13)

The first day of the workshop focused on understanding the fundamentals of 3D printing and its applications. In this session, the participants learnt about ISA-VESIT's 'FlashForge Adventurer 3' 3D printer and its features. They were introduced to FreeCAD software, which is required for designing the 3D printing model, and how to make a simple 3D design using it. The participants were provided with a simple design at the end for practice.

The next day, the participants got the knack



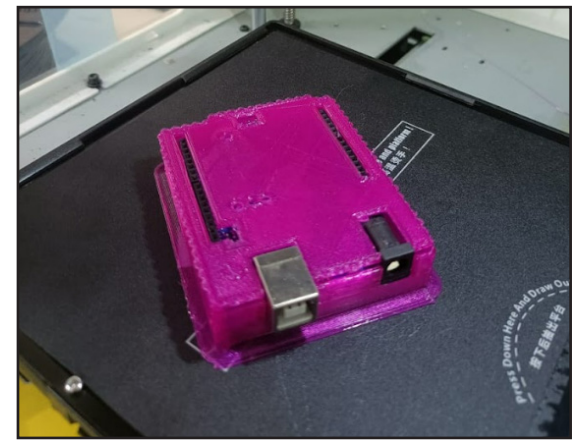
of the specifications of the 3D printer, extruder unit, build-volume concept, operations of the 3D printer, filament loading, Flashprint 5 setup and its operations, slicing of 3D models using Flashprint, and at the end, they designed the spur gear. The workshop concluded by printing the 3D designed model on the 'FlashForge Adventurer 3' 3D printer.



The participants receiving a firsthand experience of 3D Printing

Ojas Patange (D8) shared his experience saying, "The workshop was for two days. On the first day, we were given complete information about 3D printing, like where it can be used or, as per current technology, in which fields it is being used. It was explained in detail by the speaker. He was very cooperative and cleared all the doubts of the participants. The speaker taught us how to use Free CAD software which was explained personally by him as well as by the members of ISA. On the second day, they brought the 3D printer into the class. The speaker explained all the components of the printer. Then came the main task. We were asked to build an object of a certain dimension and whoever finished first could get a chance to print the object on the 3D printer, which was the most exciting part of the workshop. Overall, it was a great experience interacting with them and learning new things."

Another attendee, Ahmad Monye (D13) said, "This course really helped me in understanding the 3D printers and its working principle. I have also implemented 3D printed parts in my upcoming project. So, it really helped me a lot."



And...the final product is here!

## A Quicky Quiz to Get a Glimpse of Engineering

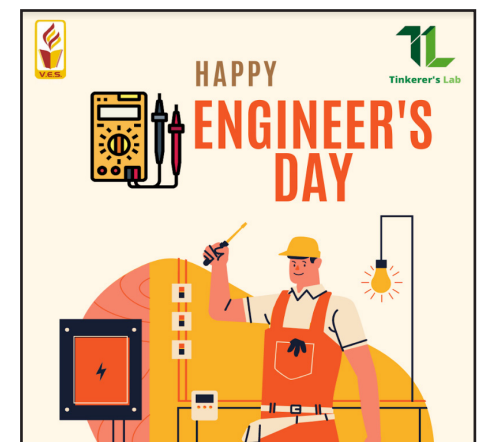
- Nikita Kumawat

Every year on the 15th of September, India celebrates National Engineer's Day to recognise and honour the achievements of the great engineer **Mokshagundam Visvesvaraya**. The day is observed to commemorate the great work of engineers and to encourage them to improve and innovate. To celebrate and recognise engineers' achievements, **Tinkerer's Lab of the Department of Electronics and Telecommunication** organized an **e-Quiz**. This quiz was conducted via a Google form.

The E-Quiz required no pre-registration and was open to all the students and faculty members. This 15-question quiz had general knowledge

questions about engineers and engineering. It continued with some basic technical questions and ended up with a question which stated "Did you choose engineering out of interest or compulsion & Why?" After the active participation of students and faculty members, those who cracked 75% of the questions right were awarded E-certificates.

One of the participants Prachit Paralakar (D10A) said "The engineering day quiz was quite interesting as it was boosted by general knowledge about why Engineer's Day is celebrated and various achievements made by Engineers, especially in the Electronics and Telecommunication branch."



Poster of E-quiz

## CSI's Code Kombat: A Collaboration with Coding Ninjas

- Sneha Tanna

For the first time, CSI-VESIT collaborated with Coding Ninjas to conduct a workshop called "**Code Kombat**". The workshop was open to all students. This was a 4-day workshop conducted online through the Zoom platform from 16th to 20th September 2022. Interested students were supposed to fill out the registration form before the 15th of September, 10:00 pm. The speaker of the event was **Mr. Swapnil Narayan** (Software Engineer, Microsoft). He is a Computer Science Engineer from IIT Dhanbad. The aim of the workshop was to initiate the placement journey of students.



Speaker of the event: Mr. Swapnil Narayan (Software Engineer, Microsoft)

The first day of the workshop was a one-hour introduction webinar in which the speaker shared his journey of getting placed in Microsoft and the importance of Data Structures and Algorithms in the coding world. Along with the

significance of DSA, a practical roadmap to learn and practice Data Structures was elaborated.



Poster of the workshop

The second and third days of the workshop were learning sessions, in which the speaker taught some critical topics of Data Structures and Algorithms. On the second day, students were introduced to primitive and non-primitive data structures. On the third day, the session was taken a level higher in which students were introduced to some important searching and sorting algorithms. The third day of the workshop ended on an interactive note, in which some questions were asked by the speaker and answered by students.

The workshop's last and most awaited day was a coding competition held on the Coding Ninjas Platform. It was a 90-minute competition including 4 questions based on Data Structures and Algorithms. The winners of this round were **Anish Lohiya (D15B)**, **Shree Samal (D15B)**, **Aaman Bhowmick (D15B)**, **Tasmiya Khan (D7A)**, **Ayush Gerra (D7A)** and **Sneha Tanna (D7A)**.

Anisha Rohra (D7A) said, "The Workshop helped me to clear the basic concepts of data structures very well. The speaker explained the concept using examples that were very helpful and easy. After teaching the concept, the code was also explained which was like a cherry on the cake."



Winners of the Event (Top-Bottom, L-R): Anish Lohiya (D15B), Shree Samal (D15B), Aaman Bhowmick (D15B), Tasmiya Khan (D7A), Ayush Gerra (D7A) and Sneha Tanna (D7A)



## Placements

# Brilliant Minds of VESIT Bag Placements at Quantiphi

- Sai Thikeykar

**Quantiphi**, a famous worldwide AI and data science software and services company, selected VESIT students, providing them with a generous **CTC of 8.5 LPA**, kicking off the placement season for class 2022-23. This is a moment of celebration and honour, as **17 students** got placed!

VESITConnect reached out to two of these students, **Raghuttam Parvatikar (D20B)** and **Vaidyanathan Natarajan (D18)** sharing with us the selection process of the dream company, valuable tips for upcoming aspirants, and their plans for the future.



(L-R): **Vaidyanathan Natarajan (D18)** and **Raghuttam Parvatikar (D20B)**

The company offered three positions: Business Analyst, Framework Engineer, and Machine Learning Engineer. When we asked about their placement preparations, they stated that they began by reviewing placement experience written by their seniors who were placed in the same company. For two months, R.S. Aggarwal's book was their Bible, which is an excellent book for aptitude preparation in the quants section. They also used websites like IndiaBIX to prepare for the logical reasoning and verbal reasoning parts. Raghuttam

was interested in the position of Machine Learning Engineer, while Vaidyanathan was drawn to the post of Business Analyst. The machine learning engineer role contained seven distinct sorts of questions ranging from general aptitude to verbal ability to machine learning and coding. While the role of business analyst did not require competitive coding questions to be solved, so he did not look into it with any intent. He preferred to brush up on DSA and DBMS concepts.

When we inquired about the company's eligibility criteria, they stated that it was 65% and above in SSC, HSC, or diploma and 65% and above in degree (current course), with no live KTs. First, they had an aptitude test, which was comparable to those used by most other IT firms. It had sections on quants, logical reasoning, computer science fundamentals, and two coding questions. The students who were shortlisted in this round were called for a pre-placement talk, held in the college, where representatives from Quantiphi Analytics gave a talk about how the company works and what its core values are. They held two rounds of group discussions with the individuals who had been shortlisted for the business analyst post shortly after the pre-placement talk. The topic for the first group discussion was how sports bring nations together.

The second group discussion was a little more subject-oriented and focused on what factors the Amazon Prime team might have considered before rolling out the one-day delivery plan. The group discussions were held in online mode. Students that were chosen in this stage were then invited to a personal interview with a Quantiphi engineer. This interview was conducted entirely online.

When we asked Vaidyanathan to elaborate on the interview rounds, he said, "During the first set of interviews, I was asked questions regarding my personal and family history. The interviewer began asking questions on problem-solving talents and critical thinking as the interview progressed. My presentation and communication abilities were also examined. This interview lasted around 40 minutes.

The candidates who had been shortlisted were then contacted the following day for the final round of interviews. This last round took place in offline mode." While for the other roles, there was an online technical interview.

Lastly, they also gave words of advice for future aspirants, with Vaidyanathan saying, "I would advise the third years to try to start preparing for the placement season while they have the winter and summer breaks. I would recommend they talk to their seniors who have been placed at good companies and get an in-depth knowledge of what the rounds that are being held in the interview process for a specific company. Brushing up on your aptitude skills as well as computer fundamentals will only help you perform well in your aptitude test papers. And finally, the placement season can be a bit of an anxious period for a lot of 3rd years if they are not getting placed initially. You need to keep talking to your friends and family to release that pressure and be focused on your goals." Raghuttam said, "Develop persistence. Don't aim for a particular company. Aim to enhance your skills and employability. Have a focused approach to achieving it. Even if you're reading this now, you have plenty of time. So go be the best version of yourself."

## VESIT Students Bag Placements at Deloitte

- Suhane Kandalgar

One of the dream companies of many engineering aspirants, **Deloitte**, visited our college for the placements this year as well and recruited **69 students** offering a **CTC of 7.6 lakhs**.

We have **Tanya Dubey (D19B)** and **Rahul Nailwal (D20A)** to share their experience with us.

"Unlike any other company, it all started with forms shared by our VESIT Placement cell, although Deloitte, the company I have been in, had its own set of rules. Especially to apply to Deloitte we had to go through their website and create a new profile of our own stating every academic detail, internships, current educational profile, etc.

The Eligibility criteria were open for all B.Tech 2023 graduates only, M.Tech (CS/IT) and MCA with Aggregate 60% / CGPA of 6.5 and above (no active backlog).

The job description I have been selected for is "Consulting Analyst" with a CTC of 7.6 lakhs.

The foremost step of getting recruited is none other than the 'Aptitude test'. An Email containing a username and password was provided to us one day prior to the aptitude test which was

valid only from 12:30 to 2 pm. The aptitude test was conducted through the AMCAT platform (online platform) but don't judge a book by its cover, as even being online it was adequately examined and ensured that no candidates cheats on. It was advisable to take the test from home to ensure a proper camera and microphone with undisturbed internet and no changing of tabs/browser would be entertained was clearly mentioned.

The aptitude test contained 4 sections namely Verbal, Quantitative Reasoning, Logical Reasoning, and Technical.

Here comes the twist where the Deloitte company has its challenging set of rules different from other companies aptitude tests. Of course, there wasn't a negative marking, though it said until you answer your current question you can't view the next question, and once you view the next question you can't modify your previous answer.

Many of us have questions about what to refer to for the aptitude test, you would have heard about R.S. Agarwal's book. It indeed is the best book to prepare for all competitive exams, and if you solve this book you are as good as a CAT-preparing



**Tanya Dubey (D19B)**

candidate. The only problem is it's giant, so if you have an ample amount of time go for it. But if you are a last-moment preparing candidate I would strongly recommend everyone to visit this website (indiabix.com) at least once. This website is best for preparing for your aptitude test and interview questions.

To have a better chance of getting shortlisted in the aptitude round make sure you go through the previous year's papers of that particular company. Even I checked out and it was useful as the questions



that came were following the same patterns. I even contacted some seniors and followed their tips and tricks, which worked wonderfully for me.

After getting shortlisted here, we were asked to submit our resumes just the next day and had our pre-placement talks and interview scheduled on the same day. There were multiple panels created with 7-8 students in each panel with a different interviewer. Interviews were going on simultaneously on the online platform google meet.

I reached my scheduled panel on time and was immediately handed over the well-organized excel sheet containing respective panels' meet links and time for an interview by the Deloitte team.

As I entered and had our basic greeting the interviewer asked the first question was to "Tell us something about yourself" where I successfully managed to brief them with a summary about myself including my academics, non - academics and me as a person.

One more special characteristic of the Deloitte interview round was, they just had this one round of interviews including the Technical and HR interview round, unlike other companies which have them separately. They shortlist the candidates

from the technical round to permit them to enter the HR round interview.

Every interview had its own level of difficulty, mine being focused mainly on the projects I mentioned in my resume. He asked me to describe all 4 of them, 3 being Machine learning and 1 based on cloud computing. He enquired about each of them in depth like the libraries used, functions of the libraries used and main concept behind the project. Basically if you know the project it was the easiest interview but if you don't, strike the "easiest".

Every interviewer wasn't the same, some of my friends were asked to code and share their screen while some were asked to write and show on camera, though only basic codes were asked such as palindrome, to find if the number is odd/even. Basically, the technical round is a piece of cake if you have your basics clear on SQL, DSA, lists, array, and their basic algorithm, and are knowledgeable on projects and internships you mentioned in your resume you are pretty much sorted.

HR questions that I encountered were, "Where do I see myself in 5 years?" , "If I had a conflict in my group how would I resolve that ?" etc.

When the interviewer enquired if I had a

question for him I asked "What does a regular day at Deloitte look like?". He was really happy to get a good question and explained properly, all the new things I would get to learn, and the interview ended on a really nice note.

I was satisfied with my interview as it came to an end and believed it was one of the brilliant interviews. Results were announced on the very same evening without creating anxiety and suspense among students for a longer duration. We received a mail of shortlisted students and in the same evening, Deloitte had a meeting to welcome us and brief us about the documents we should keep handy before joining Deloitte.

One of the best things about Deloitte is it doesn't block students. You are allowed to participate in the placement process if any other company offers you double the CTC i.e 7.6 which Deloitte is providing.

The future is unpredictable but I sure do know my journey in Deloitte would turn out to be amazing, I will get to learn a lot of new things and be extremely jovial to work with them as I would say as I finally got the role I was looking for, in a known company with a decent CTC so overall it is just perfect."



**Rahul Nailwal (D20A)**

"Like most of the relaxed engineering students at VESIT, placement season kicked off all of a sudden for me as well, with JPMC being the first company to visit the campus. I could get through its 1st round but couldn't make it past the hireview interview. Still, it served as a good wake-up call for me. Also, I belonged to a category of students who were more inclined towards going for further studies so I couldn't devote much time preparing for the placements in advance. But whenever possible, I used to take some time out for giving aptitude tests on websites like indiabix and learn concepts and solve questions on GFG. Also, google forms prepared by the college as part of the pre-placement activity gave a nice gist of the type of questions to be expected. Then a few other companies like ISS, IB, and Barclays visited the campus and I couldn't even make it past the first round of these companies, naturally, I got a bit disheartened which made me take an incorrect decision of skipping a few nice companies that came in later. Then as I realized my mistake, the next company to visit was Deloitte. I had already heard a lot of good about it from many seniors who got placed there. Still, I got in touch with as many as I could and asked in detail about their interview experience.

Deloitte visited around the 23rd of August and their first round was an online test consisting of a mix of quantitative aptitude, logical and verbal reasoning, and basic programming logic questions. The questions were of average difficulty and there was enough time to tackle all of them. About a day or two later, they released a list of shortlisted

candidates and I couldn't find my name in it. Initially, I was a bit surprised myself but didn't care much about the supposed rejection. Later that day, in the evening, another list of different job profiles was released and I was quite relieved to find my name in it. This was a list of candidates shortlisted for Consultancy Analyst in Cloud Engineering. I had just one day to prepare for the group discussion and personal interviews that were scheduled for the 26th. As part of the preparation for the interview, I revised the basics of SQL, OOPM, and data structures. I also made sure to visit the official website of Deloitte company and got to know a lot of things like their motto, company statistics, and what they see in a potential employee.

On 26th August, we were asked to first attend a pre-placement talk meet for about half an hour and then were directed to breakout rooms with our respective panel. As part of the second round, a case study was given and we were asked to indulge in a group discussion activity with each candidate being given 2 chances of presenting an effective solution for the problem underlined in the case study. The main judging criteria were to see how much effect a candidate can understanding the hidden problems, come up with an innovative solution covering maximum variables, and finally be able to confidently and precisely present it in front of others.

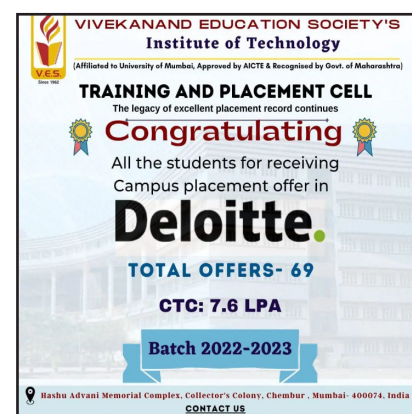
About an hour later, after the end of GD, we were provided with the results and personal interviews were scheduled for the shortlisted candidates. This was a combined technical and HR interview where I was first asked to introduce myself. Since this was a cloud engineering-related job profile, I was asked questions about the basics of cloud computing. Later some fundamentals of python programming were asked. The interview lasted for about 10-20 minutes and went quite well so I was sure about making it past it.

The third and final stage of the partner-round interview came as a total surprise for me. Deloitte, being one of the big four of consulting, has this round as the concluding interview round where candidates who are almost selected are made to directly interact with VPs and managers on the board of the company. Here, I was asked about

my decision to take admission at VESIT, what all I have explored as an engineering student, and my reason for wanting to be part of Deloitte. Although it might seem totally like an HR interview, many technical programming-related questions were asked as fillers.

Later on in the evening, I was informed by the placement coordinator about getting selected. Since our college has a rule of keeping students out of the placement process once they get placed in dream companies, my placement journey came to an end here. Despite my quest for a job hunt ending here, I plan on giving a few competitive exams and trying my luck in getting better prospects elsewhere too.

To all the other upcoming candidates I would advise them to start a bit early with practicing programming and keep revising the theory. Aptitude might seem a bit unnecessary initially but make sure you keep on practicing them. Also, do focus on developing good communication skills. Participate in public speaking and literature activities like debates and article writing. A lot of focus is also given to how well you can confidently express your idea. Do not bluff in interviews. Don't miss out on deadlines for registration form submission. Don't get intimidated by the interview process. Many of your friends might even get placed before you and that's completely fine. Remember, getting placed is like an important checkpoint in your journey, not the finish line at the end of a race. Enjoy the placement process. Read good self-help books and develop a strong mindset of not getting affected by rejections. This is Rahul Nailwal signing off."





# Placement Season with Forcepoint

- Rushikesh Sarak

The Placement drive was successfully conducted for the students of batch 2022-2023 in VESIT. We had a number of reputed and dream companies for our students who visited our campus to recruit the bright students of VESIT. One of the companies that visited was **Forcepoint**, which recruited 4 bright and well-deserving students offering them an enormous **CTC of Rs. 14.5 LPA**. VESITConnect reached out to one of these students, **V. Krishnasubramaniam (D20A)**.



V. Krishnasubramaniam (D20A)

Forcepoint is an industry-leading cybersecurity company, that is leading the change of securing the world of cloud-enabled hybrid enterprise for a post-pandemic era. With a Data-first SASE-enabled approach, Forcepoint's solutions offer Unified secure access and data protection in the only SASE solution spanning on-prem, hybrid, and cloud. Headquartered in Texas, US, Forcepoint employs 2,750 cybersecurity experts spread across 45 countries.

The eligibility criteria were very high, only students of the department of computer engineering and the department of information technology with 9 pointers above were eligible to give the online test.

Students had to go through an aptitude test which was scheduled on 1st August 2022. The test was conducted through online mode on the Metti

Platform. The level of questions was easy based on logic and analytics skills which tested your basic knowledge of C++ and Java. At the end of this round, 13 candidates were shortlisted to proceed to the first technical interview.

Three Interview rounds were conducted on 3rd August 2022, two technical rounds and one HR round. The first technical round was based on projects, internships, and projects students did in their academic years.

V. Krishnasubramaniam (D20A) said, "This was a completely conversational type of interview. I was first asked to interview myself, and he then proceeded to ask in detail about the aim, work done, and impact of each of the projects and internships. This being my very first technical interview definitely acted as a confidence booster."

At the end of this round, 8 candidates were shortlisted to proceed to the second technical interview.

The Second interview round was focused completely on our problem-solving abilities and in-depth knowledge of Java and Databases. I was asked to list out the qualities of why they should hire me. And for each of these qualities, I was asked to mention any experience that backed up each of my claims. I was even asked for two simple logic-based puzzles. I was asked about the syntax of writing the standard Java main method and explained the purpose of each keyword used.

Then the interviewer asked about all the possible variations in the syntax of the method definition and the resulting errors/exceptions. I was presented with 4 job roles which they had DevOps, Development, Database, and Research. I chose DevOps as my first preference, so a few questions regarding the role of a DevOps Engineer in a project team was asked.

At the end of this process, 4 candidates were shortlisted for the HR Interview Round. The HR asked us to introduce ourselves, our family background, explain any one work experience in detail and what did you learn from it. And in the end, invited us to ask questions about the job.

This interview was just like a simple conversation with HR and all 4 candidates were offered the job placement in the end."

Lastly, for his juniors, who are preparing for the placements he advised "Regular practice of MCQ-based aptitude tests with a focus on topics such as Arithmetic Aptitude, Data/Graph Interpretation, Verbal and Non-verbal Reasoning, C and Java Programming, DBMS is a must. One should have in-depth knowledge of at least one programming language - Java/Python/C++ and have knowledge of DBMS and SQL as well. Develop skills focusing on at least one of the web development or application development and soft skills like communication skills is equally important".

One special piece of advice he suggested was additional skills to mention on your resume, specifically while applying for Forcepoint can be AWS, Docker, Kubernetes, or any other DevOps technologies.



Placement Statistics for Forcepoint Drive 2022

# VESITConnect Interacts with Interactive Brokers

- Preeti Khamkar

The month of August marked another remarkable placement at VESIT. **Interactive Brokers**, an electronic trading platform, placed 3 students of VESIT and offered them an amazing **CTC of 10.41 LPA**. VESITConnect commends them for their accomplishment.



Soham Das (D17A)

**Soham Das (D17A)**, one of the placed students, shared his experience and details of the company's selection process. The selection process consisted of a total of four rounds. Round one, that is, the Coding and Aptitude test round lasted for one and a half hours. It comprised three quant questions, one debugging, and two coding questions. The quants included questions like 'A brick weighs a pound plus half a brick. How much

does a brick weigh?' and so on. The coding questions were based on the array of integers and HashSet. At the same time, the bug-solving question was based on the maximum number in the array.

Psychometric Index (P.I.) was round two which included two questions each having 50-60 options that have to be marked according to you. Rounds three and four were technical interview rounds. The interview was based on programming abilities. It started with a formal introduction after which the interviewer directly jumped onto a coding problem. The problem asked was 'Find the next permutation of the given array. The next permutation of an array of integers is the next lexicographically greater permutation of its integer.'

Soham shared that he first presented a brute force solution of exponential time complexity. The interviewer was satisfied and asked him to further optimize it. After a few minutes, Soham was able to come up with a linear time solution. Pleased with the approach, the interviewer asked him to code it. Next, a tricky puzzle was asked which was followed by questions on OOPs concepts like 'Explain pillars of OOPs, the difference between abstract class and interfaces'.

After round three, a second interviewer joined and asked about the various data structures Soham knew and to explain dequeue with real-

life examples. Again a coding problem was asked. Questions about Ajax, DBMS, and OOPs concepts with real-life applications of them followed it. Lastly, he was asked a puzzle to which with a few hints was able to come up with an optimal solution. The interview ended with solving any doubts Soham had.

"Overall the difficulty of the interview process was moderate to difficult. The main focus was to check candidates' proficiency in Data Structures and Algorithms along with computer fundamentals. The interviewers were friendly and supportive. Overall a great experience interviewing with Interactive Brokers," said Soham Das.



Placement Statistics for Interactive Brokers Drive 2022



# Excellent Placement Season with another Dream Company: Dolat Capitals

-Sneha Tanna

The placement season was going very well in VESIT. In September, a company named **Dolat Capitals** recruited 4 students from the college. Only Computer Engineering Department and Information technology Department students were eligible to give interviews. The company offered a **CTC of 14.5 LPA**.

VESITConnect reached out to **Adarsh Panigrahi (D20B)**, one of the candidates to get placed in Dolat Capitals. He shared his experience of getting placed in a company and also had some suggestions for his juniors.



**Adarsh Panigrahi (D20B)**

When we asked about the eligibility criteria he said, a student must maintain a CGPI of at least 7, should have a minimum of 65% in 10th and 12th or in diploma, and should not have a live KT.

There were two rounds of selection, both

rounds were conducted on separate days. First was a Programming Test and second was a Technical + HR interview.

Talking about the preparation of these rounds Adarsh Panigrahi (D20B) said that he first learned C++ programming language, and its Standard Template Library, he also solved a lot of problems on Leetcode, and GFG and also gave as many possible contests as he can, and learned new approaches from the contest.

For theoretical subjects like OS, he watched Love Babbar's videos, for DBMS he followed Sanchit Jain videos, and for SQL he followed Arpit Jain.

Talking about the Programming Test (Round 1), there were a total of 2 questions. The questions were based on real-life scenarios the first question was based on queue and the next question was based on the priority queue. The results of this round were announced on the same night and out of 100 students, only 15 were selected for the next round.

Talking about the HR + Technical Interview (Round 2), Adarsh said they first asked him about his project for 2 minutes, and then asked about C++ and DSA concepts are mainly based on Linked List, Stack, Queue, and Heap. The Questions asked him were,

1. Do empty classes get compiled? If yes, then how?
2. What is a copy constructor and how to implement it?
3. Concepts on OOPS
4. What is abstraction and how do we implement it in C++?

5. How to call the child function and parent function of the same name using the Child class as a reference? Here, his answer was related to a Virtual Machine, so the next question was based on his answer.

6. What is a Pure Virtual function? Why do we use it?

7. What is the difference between new vs malloc vs calloc

8. Many questions on Pointer and memory allocation in C++

9. What are double-pointers?

These questions were also asked, which were based on DSA: Reverse Linked List, Remove Nth Node From End of List, Detect Cycle From Linked List, and Valid Parentheses.

Adarsh said that preparing for this round you must do questions on LinkedList, Heap, Stack, Queue, and array traversal they ask these topics a lot. Talking about his experience with the interviewer, he said that, the interviewer just wants to know how one reacts when he/she doesn't know the answer.

Adarsh's advice to all the TEs is, Be honest, humble, and confident in the interview. If you don't know something tells directly you don't know because points will be deducted if you bluff. If you don't know the answer then tell them so that they can give some hints or some other questions.

For coding questions try to make the code modular if possible explain the code visually to the interviewer it will increase your marks in the technical round. Make use of comments in Round 1 and variable names should be logical. Practice pointers and memory allocation on GFG.

## VESITConnect Connecting with LTI

- Shreya Nalawade

LTI is a global technology consulting and digital solutions Company helping more than 420 clients succeed in a converging world. With operations in 32 countries, it goes an extra mile for our clients and accelerate their digital transformation with LTI's Mosaic™ platform enabling their mobile, social, analytics, IoT and cloud journeys. LTI hired 16 students from 2022-23 VESIT placement batch and one of them is Esha Kadam. VESITConnect is connecting with **Esha Kadam (D19B)** from EXTC branch to know about her LTI's journey.



**Esha Kadam (D19B)**

According to Esha, LTI's selection process consists of four rounds that must be successfully

cleared by a candidate to be considered for the job role:

Cognitive & Technical assessment:

It was an amalgamation of Quantitative Aptitude MCQs, Logical Reasoning MCQs, Verbal Reasoning MCQs and Technical MCQs on fundamental topics of CS like OOPs, SQL, Operating system and so on. She found the difficulty level of questions to be of easy to medium level.

Communication & Coding assessment:

The communication assessment was a spoken English test where her communication skills were tested by AI. Some situational based questions were also asked in this test. No kind of initial preparation is required for it. The coding assessment consisted of 2 coding questions. The first question was of medium level and the second question was tough to solve. These questions can be solved using any programming language one is comfortable with. So, it was important for a candidate to be comfortable with at least one programming language.

Technical interview:

The candidates who cleared the online assessment were selected for the technical

interview round. The interviewer first asked Esha to introduce herself and then asked her questions related to the software projects that she have worked on in college and during her internship. Since her projects were related to Python and ML, he asked her the questions in depth about the related concepts. Make sure to pay attention to your resume as well since it is going to speak about your skillset to the employer. Be thorough with all the projects mentioned in your resume.

HR interview:

The HR interview started with the same classic question of introducing oneself. Esha was asked if she was flexible with relocation. Even in the HR round, she was asked a technical question wherein she was told to explain the concept of Blockchain in layman terms. Based on the online assessment and interview performance, the company has offered three packages: **4 LPA**, **5 LPA** and **6.5 LPA**. The interviewer asked whether she was flexible with any of the three packages.

According to Esha's opinion, make sure to ask questions related to the job role, company's work culture or any relevant question at the end of an interview to know about company.

Esha said, "For me, it was a smooth process as each round was conducted on a different day."



# 'VESITwale' Get Placed at 'CarWale'

- Prachiit P. Paralikar

The stupendous season placement of batch 2022-23 was made memorable by **CarWale**, one of India's leading sources of new car pricing and other car-related information. CarWale placed **6** students of VESIT for an astounding package of **9 LPA**. From the 6 students, we interviewed **Saptarshi Das** (D19A) and requested him to share his journey of winning the placement.



Saptarshi Das (D19A)

When asked about their first interaction with CarWale executives, Saptarshi said, "We were intimidated about the hiring drive via mail sent by the Placement department. The mail consisted of information about the various positions offered and their respective salaries. There were three: an Associate Software Development Engineer (9 LPA), a Front End Engineer (9 LPA), and an Associate Software Development in Test (9 LPA). We were asked to fill up a google form with our personal and academic details". Saptarshi Das mentioned that he was interested in joining the company because of the technology stack offered (React.js and .NET) and the attractive salary package.

Then we asked him to share how the hiring process was. The entire process took 5 days to complete, starting from 3rd August to 8th August. There were 4 rounds in total. The process began with an online coding round. Followed by that were 2 offline interviews (DSA and System design) held at college. The final round was HR.

3rd August:

Intimidation of hiring drive by Placement Department via email.

5th August:

The pre-placement talk was held at 9:30

am. They were taken through the hiring process, company background, culture, etc.

6th August:

Online coding test held on Hackerrank platform. The test was for 2 hours and they had to solve 4 problems. There were 2 easy, 1 medium, and 1 hard problem. Saptarshi was able to solve one problem (a problem based on string manipulation with 15/15 test cases passed, as well as two more problems, one of which had 12/15 test cases passed while the other had only 5/15 test cases passed. The shortlisting for this round was done based on the total number of test cases passed.

7th August:

Shortlisted students received mail consisting of a list of names and their aggregate scores in the coding round. A total of 45 people were shortlisted after this round.

8th August:

Day 4 consisted of three rounds of interviews. Round 1 was pure DSA. The interviewer first asked Saptarshi Das to introduce himself and then asked why he wanted to join an IT company, being from a circuit branch. Then he was asked to rate himself in Data structures out of 10, and he rated himself a 5, the reason being that he wasn't comfortable with Trees, graphs, etc. but could solve problems from arrays, strings and linked lists.

The company official said not to worry and then asked about 3 problems. The first was a simple one: Check whether two strings are anagrams or not. Gave him a sorting-based approach and mentioned the time complexity. The interviewer didn't ask him to optimize this solution and moved on to the next problem, which was based on a null-terminated character array.

The interviewer first gave him an  $O(n^2)$  approach and asked him to optimize it. Saptarshi then gave a linear time and auxiliary array approach but was asked to optimize further. After thinking for some time, Saptarshi came up with a linear time approach with no extra space. The last problem was: Given two integers, add them without using the addition (+) operator.

Students selected in round 1 were asked to wait for the commencement of the next round. Others were asked to leave for their respective

lectures. Round 2 was sort of a system design/domain knowledge round. Saptarshi was asked to first introduce himself. Then the interviewer asked him to explain one of his projects. The interviewer then went ahead to ask what an API is, what is an alternative to using APIs, what CDNs are, what is caching, and how authentication and security work for websites. Then he was asked questions on HTML and CSS syntaxes. A case study-type question was asked where Saptarshi had to import data from an API related to information about vehicles for data analysis. He was asked how he would optimize the data storage and retrieval processes, etc.

Students selected in round 2 were called for the HR round, where the interviewer asked about our experience in college, our family background, our strengths and weaknesses, where we see ourselves in n years from now, etc. All those who made it to the HR round (6 students) were selected for the job.

When we asked Saptarshi to share a piece of advice for future aspirants, he said, "Prepare basic Data structures and algorithm questions. Refer to youtube channels like NeetCode and TechDose for DSA preparation. Also, prepare well for the interview, at least write down a good self-introduction highlighting all your skills, academic and extra-curricular experience, strengths and weaknesses, and why you want to join the company (refer to tech and target youtube channel)."

He also highlighted that what matters above all is confidence, if you are stuck on a question during the interview, tell the interviewer about your thought process, they would surely provide an ample number of hints to help you come up with an optimized solution. Saptarshi said he planned to work at Carwale for some time, and gain relevant skills and experience.



Placement Statistics for Carwale Drive 2022

## All About IVP

The year 2022-23 was excellent for placements in VESIT. **Indus Valley Partners** Ltd. recruited **13** students from VESIT. Departments eligible for this company were Computer Engineering, Information Technology, Electronics and Telecommunication, and Masters of Computer Applications. The company offered a **CTC of 8.52 LPA**.

VESITConnect reached out to **Rohan Mane** (D20A) from the Department of Information Technology, one of the 13 candidates to be placed in IVP, to ask him about the placement journey and to guide his juniors.

When we asked about the eligibility criteria he said, one should have scored a minimum of 65% in 10th and 12th grades, as well as in all semesters of engineering, also no live KT is allowed.



Rohan Mane (D20A)

For the preparations for the aptitude round, Rohan solved questions from Indiabix. He explicitly said that the difficulty of questions was of moderate level and one should be very clear with the basics. More importantly, work on JAVA and know little

about finance such as hedge funds, stocks, etc.

Overall, there were three rounds, the first was an online test, the second was a personal + technical interview, and the third was a Director + HR round.

In detail, the online test was an hour-long, comprised of three sections, Aptitude, Technical Questions, and one Coding Question, with no negative marks. The Aptitude sections contained questions related to Ratio, Profit and Loss, Boats and Streams, Simple Interest and Compound Interest, Probability, Time, and Work. The technical section consisted of checking whether the code was correct or not out of which most of the codes were from C programming, DBMS queries, HTML, CSS, and Javascript questions and most of the questions

- Sneha Tanna



were related to Java. The coding question was of medium difficulty and gave at least 20 minutes for this section. Within an hour of completion of the test, the names of the students chosen for the second round were released as part of the results.

The second round was a personal+ technical interview; all the students selected were divided into panels. The interview lasted for about 40-45 minutes. The questions asked were based on Java, SQL, and DBMS. Some of the questions asked were: -

1. OOPS (Encapsulation, Inheritance, Abstraction, Polymorphism) concepts.
2. Difference between compile time and run time polymorphism.
3. Difference between method overriding and method overloading.
4. Have you used inheritance in your project?
5. Difference between abstract class and interface.

6. Is Java 100 percent object-oriented?
7. Garbage collection in java.
8. Autoboxing and Unboxing in Java.
9. Difference between clustered and non-clustered indexes in DBMS.
10. Constraints in DBMS.
11. Writing SQL query from the given database schema.
12. Joins in DBMS.
13. Referential integrity (foreign key constraint) in DBMS.
14. Difference between primary key and unique key.
15. Entities in ER model of DBMS.

The third round was the HR+Director round; in this round only two questions were asked, first, to introduce yourself, and second, have you taken any responsibility for the projects on your resume?

Talking about the experience with the interviewers, Rohan said, "The interviewers were very friendly and tried to comfort each candidate before moving on to the real questions."

Rohan advises his juniors to revise the basics well and stick to them. Be resilient, as IVP was the sixth or seventh company to come on campus.



Placement Statistics for IVP Drive 2022

## VESITians Decode BARCLAYS

- Nikita Kumawat

The placement season of batch 2022-23 went in full swing. **Barclays**, the renowned multinational universal bank and execution services company recruited a whole of **34** VESIT students offering them an enormous **CTC of 12.67 LPA**. We would like to congratulate each of these bright minds of VESIT!

VESITConnect reached out to one of these students, **Varsha Jawrani (D17B)** sharing with us the selection process of the dream company, valuable tips for upcoming aspirants, and her advice for the youth.



Varsha Jawrani (D17B)

Starting with the preparation strategy firstly she studied the selection criteria of the company which is very important as for every company the criteria is different. For the coding round she practiced questions on leetcode and hackerearth. For Aptitude round she referred to youtube videos

and practiced questions from various sites.

When asked about the selection process of Barclays, she said there were two rounds coding and aptitude and an Interview round. For the first round the difficulty level was medium to hard but if you know the concepts one can easily crack it. This written round consisted of 2 sections. Section A consisted of MCQs on Java, OOPs, C++, OS, SQL queries and some output based questions. Section B consisted of 2 coding questions. She also added that the coding questions were asked from Leetcode, GFG and Hackerearth.

Varsha found round 2 much easier than round 1, as the questions asked were mostly the same as the previous year interview questions for which she was prepared. The questions revolved around HR bases and her own project. On asking about her first interaction with the interviewer she said, "As soon as the interview started the first question sir asked me that apart from the details mentioned in the resume please introduce yourself what a person you are like."

Personal interview with the VP of the company was very good. He tried to understand what a person I am instead of focusing on technical concepts. It was like a chit chat conversation between us. Then he moved and asked some questions related to my projects and gave me some instances and asked me how I would react to it.

Varsha suggested students to stay updated, and to carefully go through the selection criteria. When you are familiar with the criteria the

preparation goes smoothly and will not waste time on studying the things that will not be asked. Secondly for round 1 she suggested practicing enough questions and also viewing the previously asked questions. Adding a key point she said be thorough of the company's values, their vision and mission and try to add them in your answers wherever possible in the interview round.

Lastly, she also gave words of advice saying "Be confident in the interview. If you do not know anything or you need time to answer please inform the interviewer. Please watch the time as both rounds are time based so answer the questions accordingly. And at last have faith and don't get disheartened if you are not selected or don't run behind the things that will not be useful tomorrow or in future you will definitely get placed as no one can steal anyone's destiny."



Placement Statistics for Barclays Drive 2022

## Another Achievement, Another Placement- Selec Controls

- Anagha Kulkarni

**Selec Controls**, a pioneer in the field of electronics research and development has hired 3 students. The company offered a **CTC of 6 LPA**. **Shrutika Patel (D19B)**, one of the candidates who got selected spoke to the team of VESITConnect, sharing her experience of the interview rounds, important tips for juniors, and her plans for the future.

The eligibility criteria for the company is "No ATKT". The company has inbuilt core competencies in the domains of manufacturing,

design, tooling, and plastic manufacturing that comply with global standards. The hiring process comprises three rounds, the first round is the written HR round; the second is the online aptitude test, and the third round is the interview round.

Talking about the first round, Shrutika said, "A form was circulated among the interested candidates, and the questions were simple, but we need to be careful while answering them. There was no pressure as it was a written round, and I got selected for the second round."



Shrutika Patel (D19B)



The second round was a 2-hour test, that included questions based on the basic concepts of electronics, such as KVL, KCL, and also some questions based on the 11th and 12th-grade syllabus. It was an effortless round for me.

Speaking about the experience of the third round, Shrutika said, “As it was the first interaction with the executives, I was nervous during the third round, but the interviewer made me feel comfortable, and I felt no pressure as the questions were comparatively easy and were based on conceptual topics of electronics like conversion, circuits, inductor, and capacitor, and they also asked about the various projects done in the second and third years.”

The only advice Shrutika would like to give is don't run after every company, select the ones that you are truly interested in, and unfortunately, if you do not get placed through college, then don't lose your self-confidence and apply through off-campus placements.

We congratulate Shrutika on her marvellous accomplishment and wish her luck in achieving her future goals.

# VESIT Voice

- Tanya Dubey

The Training and Placement Cell of VESIT organized a session for all final year students to give them an insight into the requirements for the placement processes. The Skill Enhancement Lecture (2022- 23) was conducted for B.E batch Instrumentation. VESIT celebrated ‘Ganesh Chaturthi’ with fervor and enthusiasm.

On the Occasion of Teachers’ Day, i.e on the 5th of September, VESIT felicitated the Professors, Mrs. Asma Parveen (Associate Professor, Department of Information Technology), Dr. Sujata Khedkar (Associate Professor, Department of Computer Engineering), Mrs. Asha Bharambe (Associate Professor, Department of Information Technology) and Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics), who have completed 2 decades of teaching at VESIT.

Project Deep Blue - A Mastek Initiative’ is back with another exciting Season 8. The SoRT Council, under the guidance of Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Science), arranged Cleanrific- A Plastic Collection Drive. VESIT Student’s Club in collaboration with VESIT PhotoCircle organized a Photo & Reels Contest, to encourage students to bring the Tiranga home and hoist it to mark the 75 years of Indian Independence. EBSB VESIT came up with their first event for the academic year 2022-2023 ‘Ganesh Chaturthi Celebrations’ in collaboration with IMI Bhubaneswar. The Cultural Council organized the Engineers Day event in the college Amphitheater. Tinkerer’s Lab EXTC organized a ‘PCB Designing Workshop’ for all the students of VESIT. IEEE-VESIT conducted a two-day fun event IEEE Arcade and a two-day Tableau Workshop. CodeCell VESIT organized a workshop named ‘Gitway to Open Source’. ISA-VESIT carried out a 'Three.js Workshop' and a parturient offline workshop on ‘3D Printing’. To celebrate and recognise engineers' achievements, Tinkerer's Lab of the Department of Electronics and Telecommunication organized an e-Quiz. CSI-VESIT collaborated with Coding Ninjas to conduct a workshop called ‘Code Kombat’.

In the Placement section, we have ‘Quantiphi’ offering a CTC of 8.5 LPA, ‘Deloitte’ offering a CTC of 7.6 lakhs, ‘Forcepoint’ offering a CTC of Rs. 14.5 LPA, ‘Interactive Brokers’ offering a CTC of 10.41 LPA, ‘Dolat Capitals’ offering a CTC of 14.5 LPA, ‘CarWale’ offering a CTC of 9 LPA, ‘Indus Valley Partners’ offering a CTC of 8.52 LPA, ‘BARCLAYS’ offering a CTC of 12.67 LPA, ‘Selec Controls’ offering a CTC of 5-7 LPA and ‘LTI’ offering a CTC of 4, 5 and 6.5 LPA.

In the Life Outside VESIT section, we have Abhishek Mokal (D14B), a tabla enthusiast, for whom music is a way of living a cheerful and meaningful life.

In the Wedding Bells section, we have Mr. Balasubramanian Perumal (Senior Lab Assistant, Maintenance Department) who tied the knot with Miss. Manjula Selvaraj at Saurashtra Mahal, Veeravanallur in Tamil Nadu.

In the Diaries Section, we have Mr. Nestor Lobo, who graduated from the department of Electronics in 2016. Mr. Lobo completed his masters from the University of Colorado Boulder and is currently working as a Senior Power Architect for Qualcomm, Boulder. He tells us about his life at VESIT, his experience abroad, his hobbies and much more.

# Life Outside VESIT

- Jagruti Dhamal

For this month, we have **Abhishek Mokal** (D14B), a tabla enthusiast, for whom music is a way of living a cheerful and meaningful life. He has been playing the tabla for nine years and has passed four levels of the tabla examination. Many prizes have been awarded to him in solo tabla competitions, including first place in Octaves'22, third place in Bliss'22, second place in Karnala Sports Academy-2016 (District level), and first and second place in Malhar Mahotsav cultural event-2015 and 2016. (District level). He is also ranked fourth overall Maharashtra in Tabla Solo-Dadar Matunga cultural centre (State level).

When asked about his melodious journey, Abhishek shares his thoughts, saying, “For me, music is my happy place. It brings me joy and makes me feel relaxed. When I'm stressed, I play tabla, and

all of my worries vanish. When I'm surrounded by music, I don't even realize when time passes. I enjoy every minute I spend learning and playing the tabla. Music, on the other hand, has given me confidence over time. I used to be extremely worried about my performance and what others would think of me. I used to make mistakes and couldn't make eye contact with the audience.

Throughout this process, I faced numerous challenges. In the beginning, all of my hand postures and tabla creations grew in the wrong direction due to a lack of proper guidance. Then I decided to change my mentor. When I first met him, my mentor told me I had to start learning tabla from scratch and forget everything I had previously learned. Instead of feeling bad and giving up, I decided to perceive it as a challenge and began

learning and improving my performance. Many times, while playing tabla in ongoing programmes, I experienced bleeding from my left hand. However, I believe that without it, no knowledge would be gained.”



Abhishek Mokal (D14B) in his happy moment!



# Wedding Bells

- Gargi Angne and Preeti Khamkar

On the 7th of September 2022, two souls set off on a new journey together. **Mr. Balasubramanian Perumal** (Senior Lab Assistant, Maintenance Department) tied the knot with **Miss. Manjula Selvaraj** at Saurashtra

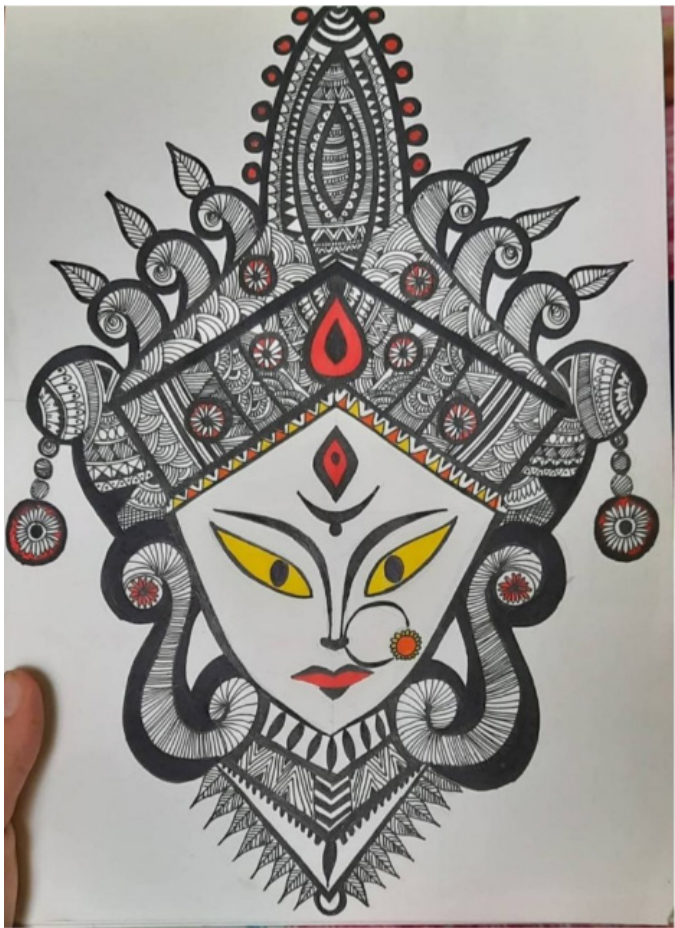
Mahal, Veeravanallur in Tamil Nadu. VESITConnect congratulates the newlywed couple and wishes them smiles for every mile they cross together!



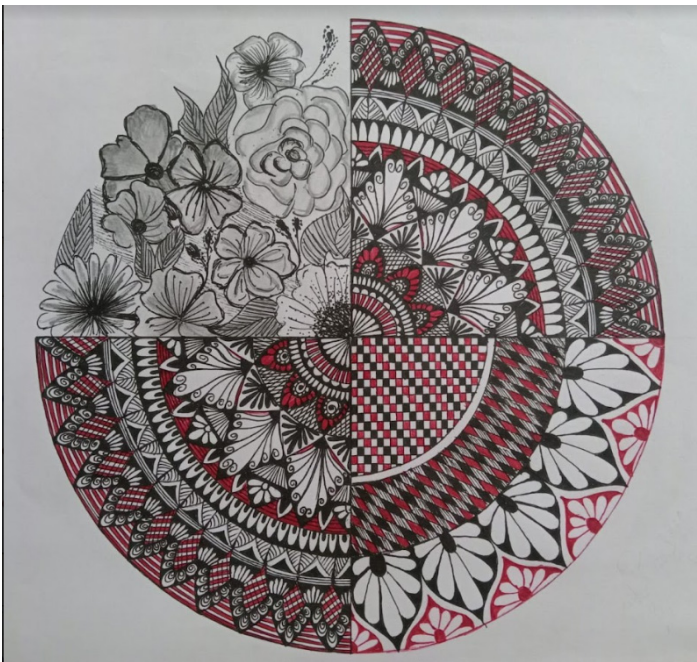
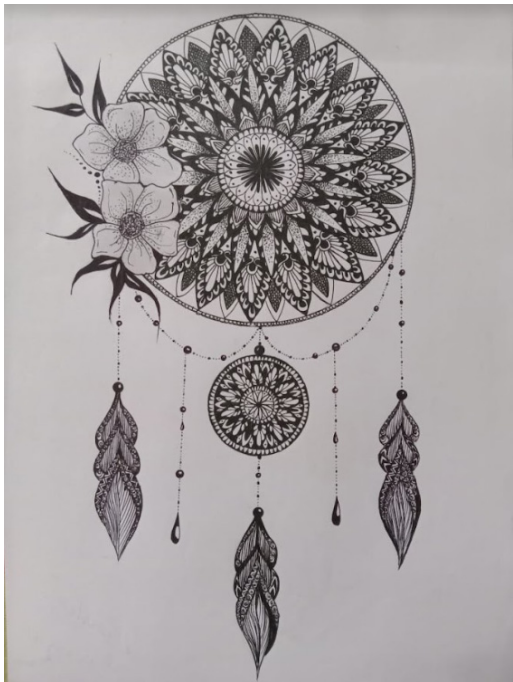
The perfect day, the perfect photo, here are our groom and bride

# Musings and Expressions

## Musing of the Month



Tithi Jhamnani (D12B)



Dhanshree Pandey (D11)





Vinaya Nair (D19B)

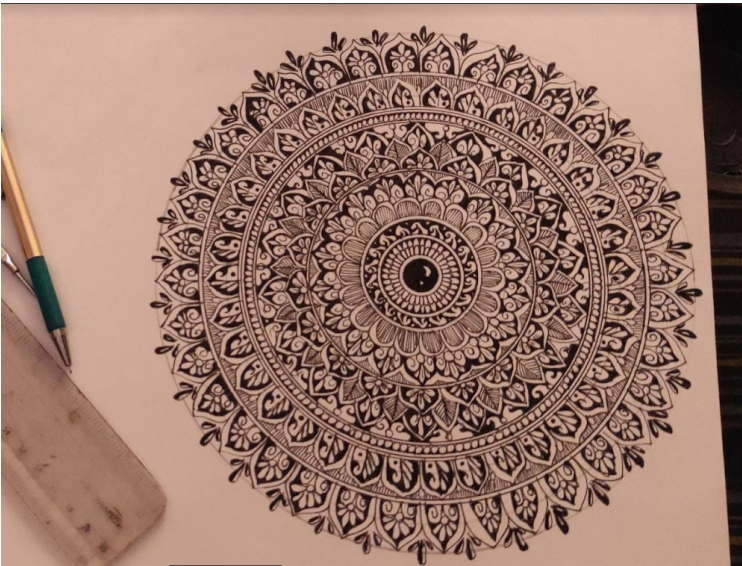


Taufique Ansari (D7C)



Tasmiya Khan (D7A)





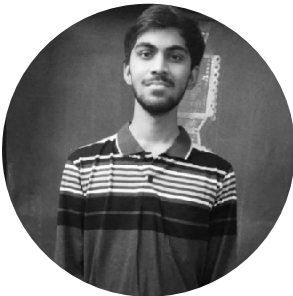
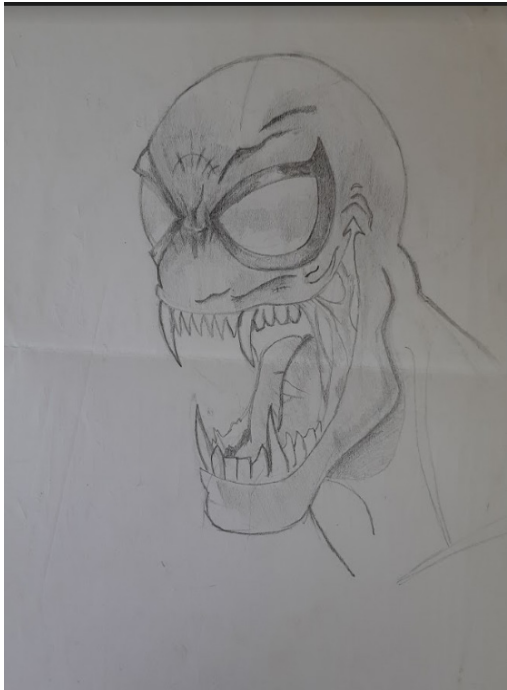
Avanti Bhondwe (D11)



Devangana Barua (D7C)



Ashutosh Mishra (D12C)



Ashish Golsangi (D14A)



# मैली!

मैली!  
का मैली केली आपण?  
काय झालं आपल्यात?  
कसे होतो आपण?  
काय जुळलं आपल्यात?

सोज्ज्वळ चेहरा, भोळं मन!  
कसे एकत्र राहिलो आपण?  
दिवस, महिने, वर्षे झाली आता;  
मैली नसून प्रेम आहे आता!

त्या गप्पा, गाणी, खेळणं, मारणं ,रडणं  
किती अनपेक्षित होतं ते!  
आज ते दिवस आठवले,

किती मस्त होतं ते!  
खूप दिवसांनी जुने फोटोज बघितले,  
पुन्हा एकदा आजमावून घेतलं ते!

एकमेकांवर विश्वास ठेवत गेलो,  
दुसऱ्याच्या सुखात आपलं सुख मानत गेलो,  
एकत्र मिळून विचित्र राहिलो,  
आणि एकमेकांसाठी जगत राहिलो.

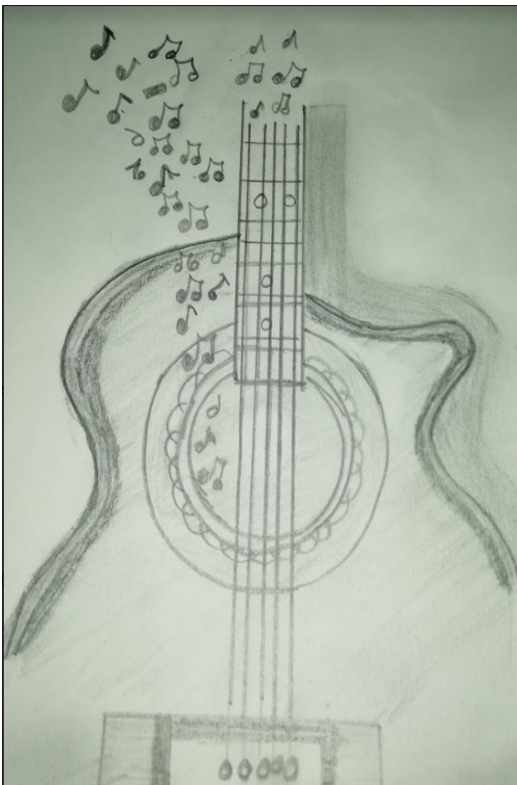
ही नुसती मैली नसून प्रेम आहे आता!  
असेच एकमेकांना साथ देऊया आता.  
हिच ती वेळ आहे,  
एकत्र घालवुयात आता!



Shamal Dhekale (D7A)



Kanaiya Kanabar (D20A)



Sneha Tanna (D7A)



Kartikee Deshmukh (D6AD)



# A Memorable Rickshaw Ride

So it was about 1:30 in the afternoon while I bid adieu to my friends and left the college for home. It was not raining so I was kinda relieved. Now I had to make a decision whether to go to Kurla Station by bus taking some effort walking and saving a hell lot of money or by Rickshaw choosing comfort and causing 9 times more money. I was alone today so the Rickshaw would have cost me alot. So I made the decision and chose comfort of course. I asked the Rickshaw wala about going to Kurla and to my surprise he agreed. Now This was an unusual situation cause on other days you've to beg them to go to Kurla and still they won't go. I don't know what's the matter with Kurla. Anyway,

So the driver was a typical Indian Rickshaw wala, aged grandfatherly figure, with very few grey hairs, white shirt, white trouser, not so white actually. So while leaving he said to his friend that he'll go directly for lunch and then catch up with him later and then we left.

Just a min in our Journey, he asks me, 'Where do you come from? Kalyan, I replied. He was amazed to hear that saying, Woah you come from a long distance. For me, I mean, it's not that far but again it depends from person to person. Actually it is a long distance. Anyway,

Now I sensed that this conversation will last till the end of our journey and I was pretty excited about it. I've always imagined these situations, of talking about random stuff to a random stranger. The thing with having such a conversation with strangers is that you get to share anything with that person and you won't be judged or even if you get judged you don't mind it. Ofc I mean, you don't share "anything" anything.

Then he asked me at what time do I leave my house for college. I told him, I wake up around 6 and leave at about 7. I travel 1hr to get here. And to my no surprise, he was surprised. Lot of effort for the college, he added. And I'm like, I don't have any option. He smiled.

And now he starts telling me about his life and how good it has been so far. Starts with telling that he was a bus driver in BEST and now retired with a good amount as pension. He has a son and a daughter, a son placed in some company and the daughter is a doctor, both are well settled. To my surprise, they both did their college the same as mine and then he appreciated that it is a good college overall. I was happy listening to the college part. So I asked him if things are so good, why do you drive a Rickshaw? He said, rather than sitting at home, it is better to do something and also this provides him earning making him not dependent on anyone. He adds, I've not asked for money from my kids yet, I don't need it, I still can manage things, when time arises, we'll see. A man with dignity and pride I must say.

Time and again he was appreciating my college and it was nice to hear it again and again. Made me feel that I made a good choice after all. Then came the typical elderly stuff. He started telling that how everything is now in our (youngsters) hands. How their generation didn't get many opportunities and they were deprived of education. I was just nodding to whatever he said cause that's what you do right?

Then he asks me about my lunch, will I go home and eat? So I said, I bring tiffin. Then he made me realise how my mother would have been making food so early in the morning by taking so much effort. Ofc I know that and that's why I do finish my tiffin no matter what. This line was not required though but again why not.

Now we were about to reach Kurla Station. He was uttering something but I was not that attentive but I was nodding to him. You know how sometimes you listen but don't pay attention. Happens most of the time during lectures, doesn't it? I was thinking whether I should ask him for change or not? Cause you know, Rickshaw walas and change are two opposite poles which rarely meet. Also I had change but you know again, no matter how much change we have, we still keep wanting more. Actually I had only enough change so that I could pay him and then have nothing. So I respectfully explained the situation to him. He was kind enough to give me the change and that too all 10s. So yeah, I was delighted. I rushed out saying 'Chala, kalji ghya' and didn't bother if he heard or not as I got running to catch the train.

See, I don't know the point of writing this thing. I just felt so I wrote it. Maybe I can say that this is the beauty of bonds with strangers. This happens very rarely. We were barely on the journey for 15 mins and it was so comforting. This makes my faith in kindness, humanity stronger. I know it's such a small incident, but I do think, such small thing makes this world a better place to live. I may be wrong, I don't know. So yeaahhh, That's it. Seeyaa



Prajwal Patil (D15B)

## VESIT Diaries

- Tanvi Kate

For the month of October, we had a chat with **Mr. Nestor Lobo**, who graduated from the department of Electronics in 2016. Mr. Lobo completed his masters from the University of Colorado Boulder and is currently working as a Senior Power Architect for Qualcomm, Boulder. He tells us about his life at VESIT, his experience abroad, his hobbies and much more.

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

It's strange how much of my life at VESIT revolved around autorickshaws. Trying to split the fare efficiently between three people was something we started thinking about the minute we got back from lunch.

I spent my first couple of years trying to be one of the first people to leave college and the last couple of years being one of the last people to leave college. Beyond autos, I participated in every event we had, be it the social PRARAMBH or the technical PRAXIS. I love working with people to build things, whether it's robots that perform synchronized Puja or me holding up a Kumbhojkar Applied

Mathematics II book to the song from the Lion King to get the Mr/Miss Personality contestants to take an oath on for the Fresher's party (there are videos of both of these things somewhere).

### 2. Which extra-curricular and co-curricular activities were you involved in? How important are such activities in one's life?

I was the winner of the first '30 Seconds' contest we had at VESIT. Something about talking without being interrupted on random subjects appealed to me.

I was also a founding member of Tinkerer's Lab along with Ajinkya Padwad and Rohit Kashyap (the person I consider to be the most complete engineer I've ever known, and whose bargaining skills at Lamington Road are unmatched) with the help of Prof. Abhay Kshirsagar and Prof. Abhishek Chaudari.

At Tinkerer's, we built robotic systems to perform synchronized Puja and other complicated tasks, taught electronics and coding workshops to our fellow students and came up with projects that we would later go on to write IEEE papers about.

Working on Tinkerer's Lab was probably the single



Mr. Nestor Lobo

most influential thing I did at VESIT because it gave me a purpose and opened up the world of engineering to me, beyond what I could learn in the classroom. It also gave me a place to apply the things that I would learn in the textbooks. It's so much easier to understand Image Processing when you actually write simple code to do it.

As for the importance of extracurricular activities, I believe any good engineer should be allowed/



able to work fixed hours and then have an avenue to relax and interact with others. I love partner dancing after work and I find it gives me a relaxing outlet for my creative side and doing things like that helps me meet people and recharge my battery for the next day.

3.Tell us about your experience in doing MS and studying abroad.

Masters abroad was a complete life shift for me (in the right direction).

Learning how to thrive and grow in an environment where you have to juggle your studies, your campus job, your social life and extra-curricular activities is a good setup for later life.

I was exposed to a drastic shift in ideology where the focus is on getting work done, working within the constraints of time and resources and having applicable working knowledge rather than what you can read and memorize from a textbook. The questions asked were less, ‘How does a transistor work?’, but more, ‘Here’s a transistor. Get it to work.’ A lot of my classes were project oriented and there was a big focus on progressively getting better and finding new and exciting ways to apply new technologies. I loved doing extra-credit projects because it made me think creatively.

I learnt to build a community around me, which was especially important because my regular family and friends were halfway around the world.

It’s amazing and scary to think about how much you have to do on your own, but on the flip side, the environment is set up to allow you to do that and will appreciate when you spend the time and energy to reach out to people to ask for internships/jobs/research positions, provided you can prove yourself as a valuable person.

4. Can you tell us more about your job at Qualcomm? What are the day-to-day responsibilities of the role?

I tell people, at its core, my job is to ‘make their phones take less battery’.

I work to analyze our current power system and build ideas to optimize the power it consumes while your devices do tasks like browse the internet, play games or text on Whatsapp.

This involves me writing python scripts to build system models for quick analysis, developing a hardware block of an improvement and then writing C/C++ code to get the firmware to actually implement the model I built.

Being a good engineer also requires people skills to co-ordinate with my colleagues to test my models on their devices and to be able to share my ideas and methods with them for review.

5. What is one rule that you live by? Who is your role model in life?

‘Anything worth doing, is worth doing badly.’ I used to be (and still am to some extent) a big perfectionist who worried that if I couldn’t do

something perfectly, I shouldn’t do it. If I don’t have the perfect IEEE paper idea, if I can’t find exactly the right resources to do my project, if I’m maybe not the best singer/dancer, why should I even try?

But in real life, by me simply starting to do something, I’m many, many steps ahead of the 90% of people like the old me who also haven’t started anything. And as long as I keep at it, things get better and I get better with each day. And I tend to figure it out in the end.

As for my role models, I believe that every person is a ‘Khichadi’ of the people that influence them. I like to pick and choose the best ideas from those around me.

From a professor friend of mine, I learnt to respect getting work done within office hours so that I can have a rich and fulfilling life outside of work.

From my own father, I learnt to be kind and respectful to everyone around me, especially when I’m in a position of power, from the CEO to the peon in the classroom.

And from an old boss at work, I learnt that I can’t do everything myself and so I must learn to trust other people and train them with the right thinking to do what I need, so that we can have a mutually beneficial work relationship.

6. How has your experience been working through the pandemic? What was the most challenging aspect of the Lockdown?

I love people. I love interacting with them. I like seeing how other people process an idea that was once in my own head or walk through a challenge that I once walked through.

The pandemic made that a bit more challenging. We were doing a lot of Zoom meetings before and programming on our own pcs mostly, so that part of life wasn’t affected too much, but the personal side of things where we would be able to connect and share our lives with our colleagues was taken away.

Being able to do that was what made work and other activities feel like a community exercise rather than an individual one.

I find life becomes easier when I feel like I’m working with a group to tackle what once seemed like too much for one person.

One of the first things I did when we got vaccinated was a dance class where I remember locking eyes with a friend across the room in the middle of a song and both of us having the internal thought of, ‘This is the best thing in the world, isn’t it?’

7. Can you share a glimpse of your personal life? Any hobbies or interests that you pursue in your free time?

I do a lot of things. I find it enhances my walk through life.

I code for fun. I write little programs and build small Arduino devices that automate some of my daily life. I volunteer my time at my local community

center helping people with their technology. I’ve been learning to dance for the past 5 years and I’ve just started teaching dance as well. I work out at the rec center and play a lot of Pickleball. I travel to see new places when I can. Beyond that I also meet up with friends for hikes, bike rides, movies and food. I also read a lot, alternating between detective stories and mental help books.

8. A book you read/movie you watched that inspired you the most and why?

If I could recommend two books, one would be ‘The Defining Decade: Why Your Twenties Matter’ by Meg Jay because it put a lot of life into perspective and helped shape my life plan.

‘The Subtle Art of Not Giving a Damn’ by Mark Manson would be the other, that taught me the value of time and mental space, that I only have a fixed amount of both and that I should find the important things that I care about enough to spend them on.

9.Any interesting anecdotes or stories/funny incidents from college life or professional life that you’d like to share with us?

I was in my Robotics Viva in my Fourth Year and the external instructor (who had previously taken my Image Processing Viva so she was familiar with me) asked me to derive the matrix equation for a Two Degree of Freedom Robotic Arm and I started and finished it in the two minutes it took for her to question some other students.

She looked at me shocked and said, “What?! Did you learn this by heart?”, to which I replied, “No, Ma’am. This is my BE project. I know everything about this because I had to write the code and build the hardware to make a real robotic arm do this.” To which she said, “Ok, go.”

I later learnt that she had given me full marks for 2 minutes of work.

10. Your message to the new generation at VESIT!

Engage with your community. Talk to everyone to learn what they’re doing and to find things you want to contribute to. Find a way to enjoy the situation you’re in right now.

Grades Matter. Grades Matter. Grades Matter, for now. Grades are one of the main things that the next stage of life will use to judge you against other people. It’s not the only thing, but it needs something because there are a lot of people. Grades will get you the interview but being able to talk in detail about various projects you’ve done, that you love (and having done those in the first place) are what will get you the job. If you find a way to apply what you’ve been taught, you’ll find you understand the topic a lot more.

From then on, every day/week/month/year provides a reset and another opportunity for you to prove yourself to other people and to yourself. And if you find a way to enjoy what you do, it becomes that much easier.

" It is during our darkest moments that we must focus to see the light"

~Aristotle