CONNECT

CONNECTING THE DISCONNECTED

The Dawn of Satellite Internet in India

ISSUE 92

CONNECTING THE DISCONNECTED

In an era where digital connectivity is crucial for progress, the advent of satellite internet marks a transformative development, especially for a vast and diverse country like India. The recent announcement by Elon Musk's SpaceX to introduce Starlink, a satellite internet service, in India is a significant milestone. This initiative is poised to revolutionize internet access nationwide and reflects a broader global effort to bridge the digital divide.

India's expansive geography and diverse landscapes have long posed challenges to providing seamless internet connectivity to all citizens. While urban areas typically enjoy stable internet services, rural and remote regions often struggle due to insufficient infrastructure and difficult terrain. Traditional broadband and fiber-optic networks are expensive and time-consuming to deploy in these areas, leaving many people with limited or no access to the digital world.

Satellite internet offers a groundbreaking solution in this context. Unlike terrestrial internet services that depend on extensive ground-based infrastructure, satellite internet utilizes a constellation of low Earth orbit (LEO) satellites to transmit internet signals directly to user terminals on the ground. This technology eliminates the need for laying cables and building towers, making it ideal for reaching remote and underserved areas. Starlink's extensive network of LEO satellites promises to deliver high-speed internet to the most remote parts of India, connecting the disconnected and providing them with essential digital tools.

The theme "Connecting the Disconnected: Dawn of Satellite Internet in India" is particularly relevant for engineering students as it highlights a significant technological advancement and offers numerous opportunities for innovation and contribution. This theme aims to spark a passion for technology and encourage students to explore new career possibilities in this field.

Moreover, this theme aligns with the global movement towards sustainable and inclusive development. As future engineers and technologists, we at VESIT have a responsibility to consider the environmental and ethical implications of our work. While the deployment of satellite networks is beneficial, it also raises concerns about space debris and the long-term sustainability of space activities. Students are encouraged to explore sustainable practices in satellite design and launch and to contribute to developing international regulations that ensure the responsible use of outer space.

The selection "Connecting the Disconnected: Dawn of Satellite Internet in India" for this quarterly issue of VESIT Connect aims to inspire curiosity about the transformative potential of satellite internet in India. The theme highlights the exciting opportunities for students to engage with innovative technologies and address significant challenges in connectivity and digital equity. By delving into the technical, social, and environmental aspects of satellite internet, students can actively contribute to bridging the digital divide and promoting sustainable development. The theme serves as a call to action for aspiring engineers and technologists, encouraging them to harness their skills and creativity to shape a more connected and inclusive future.

Prachit Paralikar
Deputy Student Chief Editor

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EDITORIAL

Gaurang Desai
Student Chief Editor

VESIT started this year by hosting the VESIT Alumni Meet organized by the VESIT Alumni Association (VESITAA), marking the completion of the Silver Jubilee of the Batch of 1998. The discussion was focused on changes after the implementation of NEP, and how it promotes holistic student development by integrating co-curricular activities, sports, arts, and vocational education into the curriculum. The team "Hash Coders," led by Yashvi Dhar (BE-CMPN) consisting of Vishakha Kulkarni (BE-CMPN), Anurag Ghatge (BE-CMPN), Aayush Talreja (BE-CMPN), Japneet Rajput (BE-CMPN), Sujal Patil (BE-CMPN), made VESIT proud by winning SIH'23. The team's solution, named "Jalshakti," earned them a prize amount of Rs. 1,00,000. Dnyanesh Sunil Avhad (SE-EXTC) and Shrawani Pavaskar's (FE-AURO) achievements have brought great pride to VESIT, by participating in the Republic Day Parade at Kartavya Path. The team from VESIT participated in the Aavishkar State Level Research Convention, presenting their AI Travel Planner website. The team members, Prajakta Upadhye (SE-INFT), Shravani Pore (SE-INFT), and Soham Shetye (SE-INFT) won the Gold Medal in the Commerce, Management, and Law category at the zonal/university final round, representing Mumbai University at the state-level round held at MUHS, Nashik.

VESIT hosted its annual Technical Fest, Praxis '24 organized from 4th March to 7th March. Tech societies and Tinkerer's Lab organized various events and competitions to make the Techfest extravagant for the VESITians. CSI-VESIT organized Amazing Race, and IEEE-VESIT entertained with their extraordinary event - Money Heist. ISTE-VESIT gave VESITians, the experience of trading with their event - Dalal Street. Tech-Game Quadrangle consisting of four meticulously crafted games – 'Forbidden Island', 'Cyclone Arcade', 'World War Saga', and 'Morse Code Mania' was organized by ISA-VESIT. Thinkers Lab ECS organized the events to explore the endless possibilities of robotics in a competitive yet supportive environment consisting of events - Robo Soccer, Robo Sumo, Track-O-Mania, and Maze Solving.

Looking Beyond Syllabus (LBS), VESIT's esteemed annual project competition, where student groups showcase their innovative ideas and develop projects with societal benefits was held. The Department of Humanities and Applied Science, in collaboration with VESIT-IIC and VESIT-IQAC, organized the "Awakening The Scientists Competition 2024-25" on February 15, 2024. The EXTC Department hosted "Kaun Banega Technocrat - 2024" on February 10. Codecell Tinkerer organized the Syrus '24 hackathon on February 20-21. The Department of AI and Data Science held an 'Ideathon' workshop on February 12, 2024. Invictus Hackathon, organized by ISTE and QuestIt, took place on January 20-21. "Hack-AI-Thon 2.0" was held from March 23-24, 2024.

VESIT-Industry HR Connect featured speakers and panel discussions with industry experts from over 150 companies on March 22, 2024. The Department of Information Technology hosted a program on enhancing model robustness through domain adaptation on February 10, 2024. The AI and Data Science department organized a lecture on Large Language Models (LLM) by Mr. Devesh Rajadhyax on February 28, 2024. The Department of Computer Engineering hosted "Cloud Odyssey" on National Science Day.

The MCA Training and Placement Cell, in collaboration with MCA-SPICE, orchestrated a highly impactful Senior-Junior Meet on the 9th of March 2024 Various departments organized workshops and events, including a robotics simulation workshop and AI and ML basics by AI CoLegion. Industrial visits were conducted by different departments to companies like Jio Platforms and BSNL Satellite Earth Station.

ISA-VESIT hosted 'Linux Leap' on 5th January, 2024, and a 3D Printing workshop on January 23-24, 2024. The DevHub: India Tour - Mumbai Edition took place on January 24, 2024. IEEE conducted an Advanced Excel workshop on February 21-22, 2024. VESLang Circle's "Talks and Tales" event was held from January 31 to February 2, 2024. UHV VESIT Club hosted "COLLEGE KANOON" on January 31, 2024. VESLit Circle's flagship event, VESLit Week, took place from February 5-10, 2024. VESIT Photo Circle conducted a Basic Photography Workshop on February 12, 2024. The VESIT Music Council organized "Dhvani Parv" on February 22, 2024.

The Sports Council organized various events, including Senior Indoor Sphurti from October 3-6, 2023, and Outdoor Sphurti from February 14, 2024. The spirit of entrepreneurship was alive and thriving at VESIT as the Department of E-Cell, in collaboration with the VESITIIC (Institution's Innovation Council) and IQAC (Internal Quality Assurance Cell), orchestrated a dynamic two-day event, the ESummit and VESIT Valley, on March 20th and 21st, 2024. . NSS-VESIT organized "Parakram Divas" on January 23, 2024, and a "Nischay" Anti-Tobacco Campaign from January 31 to February 3, 2024. The "Generosity Gala" donation drive was held by NSS in February. On 20th February 2024, SoRT VESIT organized a Thalassemia Awareness session in the Auditorium. The event was a part of Drops of Hope 2024, SoRT VESIT's annual Blood Donation Drive held in February on the occasion of Hashu Advani Memorial Day. SoRT-VESIT, in collaboration with the Election Literacy Club and NSS, orchestrated a transformative initiative – the "Mera Pehla Vote-Desh Ke Liye" campaign through Poster Making Competition.

The annual day on March 15, 2024, celebrated achievements in academics, culture, and sports, unveiling the college magazine 'Vishwakarma.' The event featured speeches from dignitaries and the chief guest, Mr. Mayuresh Sarpotdar. The scholarship distribution event. The scholarship distribution event "Shishyavrutti Yojana 2023-24" transpired on 4th March 2024 from 12 pm. This event aimed to recognize and reward academic excellence and financial needs among the students. It took place in the auditorium in the presence of Dr. J. M. Nair (Principal, VESIT), faculties, students, and Jadavpur University Alumni Association (JUAA) members. Overall, Rs. 30,81,473 (Thirty lakhs eighty-one thousand four hundred seventy-three) was distributed among 80 students, highlighting the community's commitment to fostering academic growth and providing equal opportunities. Mr. Jigar Kanadia (Batch of 2010, Department of Information Technology), presently holding the position of Product Owner at LearningMate Solutions Inc. featured in VESIT Diaries, shared his experience in VESIT and how he succeeded in his life goals.

HIGHLIGHTS

Vivekanand Education Society's Institute of Technology hosted its annual Technical Fest, Praxis '24, with great fanfare and success. The four-day extravaganza was packed with thrilling mega events, games that tested wits and skills, and a variety of mouth-watering food stalls. Praxis '24 provided the perfect, much-needed respite for everyone at VESIT.

Looking Beyond Syllabus (LBS) is VESIT's esteemed annual project competition, where student groups showcase their innovative ideas and develop projects with societal benefits. This event aims to immerse students in emerging technologies and provides them with opportunities to collaborate on multidisciplinary projects under the guidance of a faculty mentor.

VESIT hosted the first "VESIT-Industry HR Connect," organized by the Training and Placement Cell. The event featured keynote speakers and panel discussions with industry experts from over 150 companies. Keynote speakers shared valuable insights on career growth and AI's impact. Panel discussions covered industry expectations and the future workforce in AI and automation.

Continuing the tradition, various departments at VESIT organized industrial visits to diverse locations this year. These visits are designed to teach students how engineering applications operate in the real world, providing invaluable hands-on experience and insight into their future careers.

Illusion '24, the flagship event of Cultural Council and the biggest event of VESIT entertained all in the month of January. Six Teams and numerous participants across 7 portfolios battled it out for the coveted trophy and it was truly a mesmerizing spectacle. This journey started way back two months and gave us many amazing moments.

30 Swayam Gaikwad (Cultural Secretary) felicitating leader of winning team Conquerors - Niraj Divekar (BE-EXTC) and mesmerizing dnce by team Imperials

The VESIT Sports Council returned with their flagship event, Sphurti 2024, held in October last year and February this year. Featuring tense matches, captivating results, and adrenaline-pumping action, both the Indoor and Outdoor Sphurti events were a treat to play in, experience, and watch. Students gave their all to secure victories for their respective classes, making it a memorable and thrilling sports event.

The E-Summit and VESIT Valley was a two-day event aimed at cultivating entrepreneurial interest among students. The sessions offered invaluable guidance for aspiring CEOs and co-founders in the burgeoning startup landscape. The Speakers gave some of the most practical and much needed business lessons to everybody present.

VESIT's Annual Day honored accomplishments across academics, technical events, cultural activities, and sports competitions. It was a perfect way to conclude the academic year, recognizing various victories for the college. The event also featured the unveiling of the college's annual magazine, Vishwakarma, adding a special touch to the celebrations.

SoRT Council again made the headlines with their heartwarming flagship event Umeed 2024. Paired up with 4-5 NGOs, SoRT made a valuable contribution to the society by uniting everybody to work for a single and noble cause. Umeed '24 surely gave a sense of satisfaction and gratitude.

SoRT and NSS members at the beautifully decorated stall on the Ground Floor

Umeed 2024 stall in the Amphitheatre by the SoRT members

ACHIEVEMENTS

VESIT Triumphs at SIH

~Brijesh Sharma

The **Smart India Hackathon 2023**, a major event aimed at harnessing the creativity and technical expertise of India's youth, took place from 19th December to 23rd December 2023. The software grand finale segment was scheduled from 19th to 20th December, while the hardware edition extended until the 23rd December. This year's hackathon witnessed a significant turnout from various government bodies, public sector undertakings, and private organizations, all coming together to provide problem statements for the participants.

A total of **179 software problem statements** and **55 hardware problem statements** were offered during SIH 2023. Among the contributors, VESIT stood out by uploading **76 problem statements**, with four being selected for participation in the hackathon.

(L-R): Winner of Smart India Hackthon 2023 - Team Hashcoders - Vishakha Kulkarni (BE-CMPN), Anurag Ghatge (BE-CMPN), Aayush Talreja (BE-CMPN), Japneet Rajput (BE-CMPN), Yashvi Dhar (BE-CMPN), and Sujal Patil (BE-CMPN)

One standout team that made an VESIT proud during the event was "**Hash Coders**," led by **Yashvi Dhar** (BE-CMPN) consisting of **Vishakha Kulkarni** (BE-CMPN)**, Anurag Ghatge** (BE-CMPN), **Aayush Talreja** (BE-CMPN), **Japneet Rajput** (BE-CMPN), **Sujal Patil** (BE-CMPN). Their project focused on developing a mobile application that crowd-sources water-related problems from communities, integrates open-source data, and displays this information on a map. The team's solution, named "**Jalshakti**," earned them a prize amount of **Rs. 1,00,000** for their innovative approach to addressing water issues.

By bringing together diverse talents and perspectives to tackle pressing challenges, events like SIH 2023 play a vital role in fostering innovation and fostering a culture of solution-oriented thinking among India's youth

VESIT Students Shine Nationally

~Srushti Chopade

Dnyanesh Sunil Avhad (SE-EXTC) and **Shrawani Pavaskar** (FE-CMPN) achievements have brought great pride to VESIT, showcasing their hard work and dedication on both national and international stages.

Dnyanesh Sunil Avhad commenced his journey for RDC in September 2023, as one of 86 cadets from Mumbai. After a month of rigorous selection, he advanced as one of two finalists to Pune, where 126 cadets from all over Maharashtra had gathered. Over the next three months, Dnyanesh persevered through intensive training, marked by weekly eliminations. Ultimately, on 23rd December 2023, he stood alone as the most suited cadet from Maharashtra for RDC 2024, making VESIT proud.

Meanwhile, Shrawani Pavaskar began her journey as part of an eight-person group in Vande Bharatam, a comprehensive dance competition featuring Classical, Tribal, Folk, and Fusion categories. With guidance from their instructor and unwavering dedication, Shrawani and her team advanced through the district, state, and zonal stages. Their journey reached its pinnacle at the national level, where they emerged victorious, securing the chance to represent their country on a global platform.

(L-R): Cadet Captain Dhyanesh Sunil Avhad (SE-EXTC) and Shrawani Pawaskar (FE-CMPN) brought pride to VESIT by participating in Republic Day Parade at Kartavya Path

Successful GANIT Internship

~Brijesh Sharma

The **Department of Information Technology,** in collaboration with the **Virtual Maths Lab (COEP)**, offered students the chance to intern as a Java Developer under the project named GANIT. The internship was coordinated by **Mrs. Charusheela Nehete** (Assistant Professor, Department of Information Technology) and **Dr. Shanta Sondur** (Associate Professor, Department of Information Technology). Mentors from the Virtual Maths Lab were assigned to the students.

Fourteen students participated in the internship, with nine successfully completing it and receiving a six-month part-time internship certificate. The successful students included **Anurag Gaikwad** (TE-INFT), **Mohd. Sufiyan Siddiqui** (TE-INFT), **Mrudula Gotmare** (TE-INFT), **Prachit Paralikar** (TE-INFT), **Preeti Khamkar** (TE-INFT), **Sejal Maurya** (TE-INFT), **Shashwat Tripathi** (TE-INFT), **Shubham Nakashe** (TE-INFT), and Aditi Surve (TE-INFT). The remaining five students were awarded a participation certificate, namely **Abhinaya Danda** (TE-INFT), **Harshita Dubey** (TE-INFT), **Sarvadnya Awaghad** (TE-INFT), **Sneha Utekar** (TE-INFT), and **Sushmita Sant**i (TE-INFT). During the internship, students were tasked with developing algorithms in Java and creating various question variations in Excel sheets.

Overall, the internship was deemed successful in offering participants valuable industry experience and enhancing their skills.

(Top-Bottom, L-R): Particpants of the GANIT Internship from TE-INFT - Anurag Gaikwad, Shashwat Tripathi, Sufiyan Siddiqui, Prachit Paralikar, Aditi, Mrudula Gotmare, Preeti Khamkar, Sneha Utekar, Shubham Nakashe, Sejal Maurya, Sushmita Santi, Sneha Sumbe, Sumair, and Harshita Dubey, along with Mrs. Charusheela Nehete (Assistant Professor, Department of Information Technology), and Dr. Shanta Sondur (Associate Professor, Department of Information Technology)

VESIT Team Wins Gold at Aavishkar

~Brijesh Sharma

The team from Vivekanand Education Society's Institute of Technology participated in the **Aavishkar State Level Research Convention**, presenting their **AI Travel Planner** website. They won the **Gold Medal** in the Commerce, Management, and Law category at the zonal/university final round, representing Mumbai University at the state-level round held at MUHS, Nashik.

The AI Travel Planner website was designed to help users create custom-made travel packages based on their preferences, offering budget-friendly

alternatives to the expensive pre-made packages on traditional travel websites. By leveraging artificial intelligence, the platform generates personalized travel itineraries, ensuring cost-effective and enjoyable travel experiences.

The team members, **Prajakta Upadhye** (SE-INFT), **Shravani Pore** (SE-INFT), and **Soham Shetye** (SE-INFT), demonstrated the effectiveness and innovation of their project, which stood out among numerous entries. Their achievement highlights their hard work and dedication. Representing Mumbai University at the state level, they showcased the potential of their AI Travel Planner website to revolutionize the travel industry.

Winning the Gold Medal and competing at the state level were significant milestones for the team. They remain committed to further developing their project to make travel more accessible and enjoyable for everyone.

(L-R): Team of Prajakta Upadhye (SE-INFT), Soham Shetye (SE-INFT), and Shravani Pore (SE-INFT) won the Gold Medal

VESIT Students Ace Arcon Selection

~Srushti Chopade

Overall 5 Students **Shilpa Pandey** (TE-INFT), **Rishabh Gupta** (TE-AIDS), **Sayali Kawatkar** (TE-AIDS), **Taufique Ansari** (TE-CMPN), and **Pranathi Narsupalli** (TE-INFT) were selected from **40 students** for the Arcon Internship program.

Arcon TechSolutions is a prominent technology firm based in India, specializing in software development and IT solutions. The company is known for its expertise in developing robust and scalable applications using the .Net framework. With a strong focus on innovation and client satisfaction, Arcon TechSolutions offers fresh graduates comprehensive training and growth opportunities.

The company recently conducted a Recruitment Drive at VESIT Mumbai, to hire talented students for their team. The recruitment was open to students from the Computer Engineering, Information Technology, and Artificial Intelligence & Data Science branches. The students with a minimum of 90% in both 10th and 12th grades and a current CGPA of 9 or above were considered for selection.

The job offered by Arcon TechSolutions required technical skills in the **.Net framework** and **C# Programming language.** Candidates were expected to have knowledge of **ASP.Net, Win Forms,** and **SQL Server** for web application development, along with familiarity with web services. As freshers, the selected candidates would receive training and guidance to excel in designing and developing .Net applications under the mentorship of senior developers. They would collaborate with the team to make modifications and enhancements to existing applications, gain a deep understanding of algorithms, codes, application flow, and business logic, work with databases including SQL and other modern databases to create and update data structures, participate in generating APIs to support integration between different applications, and learn to interact with clients to understand their requirements and assist in project demos and requirement gathering.

The hiring process involved 3 main rounds. The first round was an Aptitude test, primarily focusing on probability questions of basic to intermediate difficulty. Approximately twenty students were selected from different colleges after this round. The second round tested the candidates' knowledge of Data Structures and Algorithms (DSA) over sixty minutes. This round included five questions on topics such as arrays, strings, stacks, queues, and linked lists, with problems ranging from easy to medium difficulty as seen on platforms like LeetCode. Finally, the third round was a technical interview conducted at the Arcon office, which began with introductions followed by technical questions on DSA, SQL, and discussions about the candidates' projects.

For future candidates aspiring to join Arcon TechSolutions, it is essential to strengthen their fundamentals in Data Structures and Algorithms. Special attention should be given to key topics such as arrays, strings, stacks, queues, and linked lists, as these are frequently tested. Improving problem-solving skills through regular coding practice is crucial, along with brushing up on probability and other quantitative topics to perform well in the aptitude round. By focusing on these areas, future aspirants can better prepare for the recruitment process and enhance their chances of securing a position at Arcon TechSolutions.

(Top-Bottom, L-R): Students selected for the internship - Shilpa Pandey (TE-INFT), Rishabh Gupta (TE-AIDS), Sayali Kawatkar (TE-AIDS), Taufique Ansari (TE-CMPN), and Pranathi Narsupalli (TE-INFT)

TECH COMPETITIONS

PRAXIS '23

Vivekanand Education Society's Institute of Technology hosted its annual **Technical Fest, Praxis '24** organized from 4th March to 7th March. The four-day extravaganza was packed with thrilling mega events, games that tested wits and skills, and a variety of mouth-watering food stalls. Praxis '24 provided the perfect, much-needed respite for everyone at VESIT.

Tech societies and Tinkerer's Lab organised various events and competitions to make the Techfest extravagant for the VESITians. **CSI-VESIT** organized **Amazing Race, IEEE-VESIT** entertained with their extraordinary event - **Money Heist. ISTE-VESIT** gave VESITians, experience of trading with their event - **Dalal Street**. **Tech-Game Quadrangle** consisting of four meticulously crafted games – 'Forbidden Island', 'Cyclone Arcade', 'World War Saga', and 'Morse Code Mania'was organized by **ISA-VESIT**. **Thinkers Lab ECS** organized the events to explore the endless possibilities of robotics in a competitive yet supportive environment consisting of events - **Robo Soccer, Robo Sumo, Track-O-Mania, and Maze Solving.**

Adrenaline Unleashed with Amazing Race

~Anish Padhye

CSI-VESIT in **Praxis 2024** was back with its most popular and entertaining event "**Amazing Race 2024**". The event had garnered much fame and admiration last year due its tricky gameplay and more rounds which also included a Treasure Hunt in the last round. electrifying event named the Amazing Race, which proved to be a testament to the fusion of technical skills, teamwork, and competitive spirit.

Amazing Race 2024 was held on 4th March, the very first day of Praxis 2024 and played all over the college, with the last round culminating at the Vivekanand Statue in the garden. The inaugural round, dubbed "**Catch Me If You Can/Among Us,**" set the stage for an adrenaline-pumping start. The first round was an elimination round in which teams consisting of 3-4 members, were tasked with a mission to locate three council members hidden

within the college premises. The catch? These council members were incognito, dressed in civilian attire, adding a layer of difficulty to the task. Teams had to swiftly exchange a code with these elusive individuals to acquire a key, unlocking the gateway to further challenges.

(Top-Bottom, L-R): Winners of the competition - Gaurang Desai (BE-INFT), Diya Shah (BE-INFT), Manasi Shah (BE-CMPN), and Kaushik Sahasranaman (BE-CMPN)

Following the chase of Round 1, teams were immediately thrust into the Aptitude Round, the second leg of the competition. With 15 challenging questions awaiting them, teams were required to achieve a minimum score of 8 to progress.

(Top-Bottom, L-R): Runner-ups of the competition - Aryan Dangat (SE-INFT), Nitish Bhosle (SE-INFT), Sanket More (SE-INFT), and Spandan Deb (SE-INFT)

As the competition reached its midpoint, Round 3, aptly titled "Runtime Terrors," presented a new set of challenges for the remaining teams.

Gathered in room 514, teams were confronted with programming problems riddled with errors. The cumulative count of these errors held the key to advancing to the subsequent round. With only ten teams progressing, the pressure was immense as each error deciphered propelled teams closer to victory. The last remaining 10 teams qualified for the Interstellar Odyssey, a proper Treasure Hunt.

The culmination of the Amazing Race event unfolded in Round 4, an Interstellar-themed treasure hunt that immersed participants in a cosmic quest for the elusive elixir. Guided by assigned NPCs through a labyrinth of clues, teams embarked on a journey through the unknown, inching closer to their celestial prize with each revelation. The top two teams who successfully unearthed the elixir were crowned champions.

Winners of the competitions were team of **Gaurang Desai** (BE-INFT), **Diya Shah** (BE-INFT), **Manasi Shah** (BE-CMPN), and **Kaushik Sahasranaman** (BE-CMPN). The runner-ups were **Aryan Dangat** (SE-INFT), **Nitish Bhosle** (SE-INFT), S**anket More** (SE-INFT), and **Spandan Deb** (SE-INFT).

The Heist at VESIT's Royal Mint by IEEE

~Joanna Sanju

On 5th March 2024, IEEE-VESIT organized '**Money Heist'** for PRAXIS in the amphitheatre. In this event, a character called "The Professor" and 3 team members tried to steal Gold from the Royal Mint of VESIT and escaped successfully.

The professor was completely responsible for sending the team to all the correct locations in the correct order to pull off this elaborate scheme. As the professor strategized on where to send the team next, the team was busy solving tasks at each location: collecting clues and ensuring that they were not caught.The best team was decided on the basis of who brought the Gold fastest and who did it by taking the least penalties.

30 Teams participated in this event with each team having 4 members, total participants were, therefore, 120 students. Team Berlin consisting of the following members, **Hemraj Jeetarwal (BE-EXTC), Suresh Bairi(BE-EXTC), Aditya Sonawane (BE-EXTC), Rohit Rathod (BE-**EXTC) secured the first place and won a cash prize of Rs. 1500. Second prize which was of **Rs.1000** was awarded to Team SlamDunk having members - **Anuj Dalal(FE-AIDS), Aryan Ghanwat(FE-AIDS), Saimullah Maldar(FE-AIDS) and Atharva Prabhu(SE-INFT)**. The third place was secured by Team Chutki having the following members, **Vivan Tulsi(FE-CMPN), Ryan Dsouza(FE-CMPN), Mohit Chawla(FE-CMPN) and Dhruwal Panchal(FE-CMPN) winning a cash prize of Rs. 500.**

(L-R): Winner of Team Berlin - Hemraj Jeetarwal (BE-EXTC), Suresh Bairi (BE-EXTC), Aditya Sonawane (BE-EXTC), Rohit Rathod (BE-EXTC)

(L-R): 1st runner-ups - Anuj Dalal (FE-AIDS), Aryan Ghanwat (FE-AIDS), Saimullah Maldar (FE-AIDS) and Atharva Prabhu (SE-INFT)

(L-R): 2nd runner-ups - Vivan Tulsi (FE-CMPN), Ryan Dsouza (FE-CMPN), Mohit Chawla (FE-CMPN) and Dhruwal Panchal (FE-CMPN)

Finance Minds at Dalal Street

~Avan Shetty

Dalal Street in **Praxis' 24**, hosted by **ISTE-VESIT** along with VESIT Renaissance Cell, **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)** proved to be an exhilarating event for financial enthusiasts. Held in the Amphitheater, the event commenced on 7th March 2024 with **Dr. (Mrs.) Asawari Dudwadkar** (Assistant Professor, Department of Electronics Engineering) inaugurated the proceedings.

Teams, consisting of 1-4 members, engaged in four intense rounds, each lasting 35 minutes. These rounds alternated between news sessions and transaction periods, keeping participants on their toes. With virtual portfolios worth **Rs. 10,00,000/-**, attendees dived into trading stocks, IPOs, and FOREX options based on live market news projected on stage.

The event boasted 23 trading counters and two Enquiry Counters, facilitating various trading strategies. The top three teams with highest account balances clinched cash prizes: **Rs. 1,500/- for 1st place, Rs. 1,200/- for 2nd,** and **Rs. 800/- for 3rd.**

Subrato Tapaswi (Chairman, ISTE-VESIT) awarding the winner - Aseem Kulkarni (BE-INFT)

Anushka Darure (Vice Chairperson, ISTE-VESIT) awarding the 1st runner-ups - mey Babar (SE-EXTC), Rohan Tamse (SE-EXTC), Sujal Pakhale (SE-EXTC)

Atharva Bhoite (Chief Technical Officer, ISTE) awarding the 2nd runner-up - Gaurang Raorane (TE-EXTC)

(Top-Bottom, L-R): Hosts of the grand event - Ajinkya Jadhav (TE-INFT), Swati Dubey (SE-AIDS), Khyati Hegde (TE-AIDS), and Vishwajeet Panaskar (SE-ECS)

The dynamic hosting by **Ajinkya Jadhav** (TE-INFT), **Swati Dubey** (SE-AIDS), **Khyati Hegde** (TE-AIDS), and **Vishwajeet Panaskar** (SE-ECS) added to the event's flair. As the trading sessions drew to a close, the moment of reckoning arrived – the announcement of winners: **Aseem Kulkarni** (BE-INFT) clinched the **1st Place.** The **1st Runner-up** were team of **Amey Babar** (SE-EXTC)**, Rohan Tamse** (SE-EXTC)**, and Sujal Pakhale** (SE-EXTC). **Gaurang Raorane** (TE-EXTC) secured the **2nd Runner-up spot.**

Their success not only reflected their proficiency in trading but also demonstrated their ability to thrive in the highly competitive environment of Dalal Street in Praxis' 24.

The Ultimate Tech Challenge

~Vinayak Panchal

The **Tech-Game Quadrangle**, a collaboration between the **VESIT Renaissance Cell**, **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)**, is set to ignite excitement among VESIT's finest minds. Taking place on 9th March 2024, this event offers participants an engaging platform to exhibit technical prowess and vie for significant cash prizes. With four meticulously crafted games – 'Forbidden Island', 'Cyclone Arcade', 'World War Saga', and 'Morse Code Mania' – contestants will face diverse challenges testing their technical skills and collaborative aptitude.

'Forbidden Island' demands teamwork and rapid decision-making as teams strive to retrieve artifacts from a sinking island. In contrast, 'Cyclone Arcade' immerses participants in high-energy challenges requiring precision and composure under pressure. 'World War Saga' presents a strategic warfare simulation, fostering leadership and adaptability amidst dynamic conditions. Lastly, 'Morse Code Mania' underscores communication and problem-solving skills, emphasizing clarity and efficiency in decoding messages.

(L-R): Winner of the competition - Mahi Jodhani (SE-INFT), Om Manglani (FE-INFT), Harshal Chugwani (FE-INFT), and Ronit Chugwani (FE-CMPN)

The combination of technical challenges and the necessity for teamwork makes the Tech-Game Quadrangle a unique and enriching experience, fostering growth and camaraderie among VESITians. The winners of the competition were Team Rome consisting of **Mahi Jodhani** (SE-INFT), **Om Manglani** (FE-INFT), **Harshal Chugwani** (FE-INFT), and **Ronit Chugwani** (FE-CMPN). The 1st runner-ups were Team Gopal consisting of **Gopal Vanjarani** (SE-CMPN), **Gaurav Mahadeshwar** (SE-CMPN), and **Umesh Tolani** (SE-CMPN). The 2nd runner-up were Team HPG - **Hitesh Tanwani** (SE-INFT), **Gungun Panjabi** (SE-INFT), and **Prem Karira** (SE-INFT).

(L-R): 1st runner-ups of competition - Team Gopal with Gopal Vanjarani (SE-CMPN) collecting the award

(L-R): 2nd runner-up of competition - Team HPG with Gungun Punjabi (SE-INFT) collecting the award

Hello Robots

~Srushti Chopade

Praxis' 24 Robotics Event conducted by **Thinkers Lab ECS** is a celebration of creativity, innovation, and teamwork. The event was conducted for two days 6th March and 7th March.

From the precision of Robo Soccer to the strategic complexity of VES-RC, each competition pushes the boundaries of what robots can achieve. Yet, beyond the riveting displays of robotic prowess, lies a spirit of camaraderie and collaboration as participants come together to explore the endless possibilities of robotics in a competitive yet supportive environment.

In total four games were organized. First was Robo Soccer: Teams of intricately designed robots, each programmed with precision, engage in a thrilling display of agility and strategy on a meticulously prepared field. Their objective? To skillfully maneuver the ball, aiming to score goals while evading the opposition's advances. This competition demands not only technical prowess but also strategic thinking and precise execution as participants strive for competitive dominance. Winner of the game is **Nishant Mohan** (FE-AURO) and Runner up is **Mannat** (FE-AIDS).

(L-R): Winners of Robo Soccer - Nishant Mohan (FE-AURO) and Runner up - Mannat (FE-AIDS)

(L-R): Winners of Maze Solving Challenge - Hemraj Jeetarwal (BE-EXTC) and Suresh Bairi (BE-EXTC) and the runner-ups - Kartik Makhija (FE-INFT) and Prince Aidasani (FE-INFT)

Second was VES-RC (Maze-Solving Challenge): Picture a labyrinthine maze, each twist and turn presenting a new challenge. Here, autonomous robots equipped with advanced sensors and meticulously crafted algorithms navigate the maze's intricate passages with unwavering precision. Winners of the game are **Hemraj Jeetarwal** (BE-EXTC) and **Suresh Bairi** (BE-EXTC). Runner Ups are **Kartik Makhija** (FE-INFT) and **Prince Aidasani** (FE-INFT)

Third was Track-O-Mania (Obstacle Course): In this pulse-pounding competition, robots are put to the test on a rugged terrain strewn with obstacles. With sensors finely tuned and algorithms honed to perfection, these mechanical marvels navigate treacherous paths with unparalleled agility and precision. From rocky terrain to artificial hazards, each obstacle presents a new hurdle to overcome, showcasing the technical expertise and innovation of both participants and their robotic creations. Winner of the game is **Sujay Thasale** (SE-ECS) and Runner up is **Anurag Gaiwal** (TE-INFT)

(L-R): Winners of Track-O-Mania -Sujay Thasale (SE-ECS) and Runner up - Anurag Gaiwal (TE-INFT)

(Top-Bottom, L-R): Winners of the Robo Sumo - Hrishikesh Patil (SE-ECS) and Runner up - Tanishk Vaidya (SE-AURO)

Fourth was Robo Sumo: Imagine a futuristic arena pulsating with energy as two robotic titans square off in an epic showdown. With brute force and calculated maneuvers, these mechanical gladiators vie for supremacy, each push and shove bringing them closer to victory. Winner of the game is **Hrishikesh Patil** (SE-ECS) and Runner up is **Tanishk Vaidya** (SE-AURO)

Unleashing Innovation: LBS Competition

~ Riya Varyani

LBS Championship Stage-1(2023-24) organized By VESIT In Association with **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)**. This updated competition invites student groups to embark on a journey from conceptualizing innovative ideas to implementing solutions that benefit society. Registration for participation opened on 25th August 2023. The coordinators of this event were **Dr (Mrs) T. Rajani Mangala** (Professor, Department of Electronics Engineering), **Mrs. Priya R. L** (Assistant Professor, Department of Computer Engineering), **Mrs. Ruchi Rautela** (Assistant Professor, Master of Computer Application), **Mrs. Kadambari Sharma** (Assistant Professor, Master of Instrumentation Engineering), **Mr. Ajinkya Valanjoo** (Assistant Professor , Department of Artificial intelligence and Data Science), **Mrs. Jayashree Hajgude** (Assistant Professor, Department of Information Technology), **Mrs. Anuradha Jadiya** (Assistant Professor, Department of Electronics and Telecommunication Engineering), **Mrs. Gauri Sahoo** (Assistant Professor, Department of Electronics Engineering).

The competition was judged by **Mr. Atul Anand** (Owner, Portsmart).Looking Beyond Syllabus (LBS) is an annual project competition of VESIT where different student groups come up with their innovative ideas and make projects benefiting society. LBS activity is strategically designed in terms of planning, implementation and continuous improvement. The aim is to expose the students to emerging technologies and opportunities to work as teams on multidisciplinary projects under the mentorship of a faculty member assigned to them.

The competition unfolds in distinct stages:

Ideation and Selection: It was conducted in the Odd semester.

Registration and Proposal Submission: Teams, comprising 4 to 6 students, register and propose their project titles and problem statements. Each team must be interdisciplinary, with at least one female member and members from different academic streams, ensuring diversity and broad perspectives.

(L-R): Winners along with the judge, Mr. Atul Anand (Owner, Portsmart) - Sahil Sawant (SE-ECS), Kapil Dhavale (SE-ECS), Shreyash Das (SE-ECS), Sandali Bhat (SE-CMPN), Shivein Kumar (SE - CMPN)

(L-R): First Runner Up along with the judge, Mr. Atul Anand (Owner, Portsmart) - Ojas Patange (TE-INST), Harshal Paymode (TE-INST), Rahul Singh (TE- INST), Rachana Rane (TE-INFT), Aaditi Surve (TE-INFT)

(L-R): Second Runner Up along with the judge - Mr. Atul Anand (Owner, Portsmart) - Rishabh Gupta(TE-AIDS), Navneet Pujari(TE-AIDS), Shivan Gupta (TE-AIDS), Pranav Sukali (TE-EXTC)

Panel Review: A panel of experts evaluates the proposals, selecting projects based on the relevance and impact of their problem statements. This year, the results were announced on October 7, 2024, with 14 teams advancing to the next stage.
Stage 2: Hackathon (Even Semester)

Implementation: The shortlisted teams will participate in a two-day hackathon scheduled for March 11, 2024. This event will test their ability to transform ideas into functional solutions, blending hardware and software components.

The results of stage-1 of LBS I2I 2023-24 competition were announced on 7th October 2024. 14 teams were shortlisted for the finals. Out of 14 teams - team of **Sahil Sawant** (SE-ECS), **Kapil Dhavale** (SE-ECS), **Shreyash Das** (SE-ECS), **Sandali Bhat** (SE-CMPN), **Shivein Kumar** (SE - CMPN) were winners. The team of **Ojas Patange (TE-INST), Harshal Paymode** (TE-INST), **Rahul Singh** (TE- INST), **Rachana Rane** (TE-INFT), **Aaditi Surve** (TE-INFT) were the 1st runner up and team of **Rishabh Gupta** (TE-AIDS), **Navneet Pujari** (TE-AIDS), **Shivan Gupta** (TE-AIDS), **Pranav Sukali** (TE-EXTC) were the 2nd runner up.

Inspiring Innovation Among Young Engineers

~Brijesh Sharma

The "**Awakening The Scientists Competition**" was held on 15th February 2024. This event was organized by the Department of Humanities and Applied Science in association with **VESIT-IIC (Institution's Innovation Council)** and the **VESIT-IQAC (Internal Quality Assurance Cell).**

The program, coordinated by **Mr. Vijay Shejwalkar** (Assistant Professor, Department of Artificial Intelligence and Data Science), **Mrs. Ramya T.** (Assistant Professor, Department of Humanities and Applied Sciences) and **Mr. Mahesh Singh** (Assistant Professor, Department of Humanities and Applied Sciences), is designed to provide first-year students with a platform to express their innovative ideas. The competition aims to foster creativity and technical skills among students, encouraging them to explore the basic engineering and technology behind everyday gadgets and tools.

Mr. A. Nagananda (Training and Placement Officer, VESIT) spoke about the importance of idea pitching and the application of discoveries

In preparation for the event, an inaugural speech was delivered by **Mr. A. Nagananda** (Training and Placement Officer, VESIT). Over

three days, Prof. Nagananda spoke for an hour each day, emphasizing the importance of idea pitching and the application of discoveries and inventions in the basic science domain. He discussed the rapid changes in technology, linking past, present, and future developments, and highlighted the significance of technical knowledge and teamwork.

(L-R): Judges of final round - Mr. Nirav Shah (Batch of 2010, Department of Electronics Engineering), Dr. Asma Parveen (Assistant Professor, Department of Information Technology), and Mrs. Sangeeta Oswal (Assistant Professor, Department of Artificial Intelligence and Data Science)

This year, **58 first-year students** formed 15 groups to participate in the competition. The elimination round of the competition was judged by a distinguished panel consisting of **faculties from** Department of Humanities and Applied Sciences. These judges evaluated the initial presentations and selected the best ideas for the final round.

The final round judges were **Mr. Nirav Shah** (Batch of 2010, Department of Electronics Engineering), **Dr. Asma Parveen** (Assistant Professor, Department of Information Technology),

and **Mrs. Sangeeta Oswal** (Assistant Professor, Department of Artificial Intelligence and Data Science). They assessed the finalists' projects, determining the winners based on innovation, technical feasibility, and presentation skills.

(L-R): Ryan Dsouza (FE-CMPN), Aanchal Gupta (FE-CMPN), Veda Patki (FE-CMPN), Jai Desar (FE-CMPN)

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

The winners of the competition were team of **Ryan Dsouza** (FE-CMPN)**, Aanchal Gupta** (FE-CMPN), **Veda Patki** (FE-CMPN), **Jai Desar** (FE-CMPN), **and 1st runner-up team** was **Omkar Kadam** (FE-AIDS)**, Chirag Vispute** (FE-AIDS), **Suzanne Dantis** (FE-AIDS), **Yogesh Ghadge** (FE-CMPN)**, and 2nd runner-up** were **Sameeksha Sankpal** (FE-INFT), **Roshan Yadav** (FE-INFT), **Sarthak Mhatre** (FE-INFT), **Kshitij Nangare** (FE-INFT) **and consolation prize winners** were **Shweta Saw** (FE-AIDS)**, Keerthana Nair** (FE-AIDS), **Shreya Yadav** (FE-AIDS), **Sneha Gangwani** (FE-AIDS). Overall, the competition proved to be a great success providing students with great experience.

(L-R): 1st Runner-ups - Omkar Kadam (FE-AIDS), Chirag Vispute(FE-AIDS), Suzanne Dantis (FE-AIDS), Yogesh Ghadge (FE-CMPN)

(L-R): 2nd Runner-up - Sameeksha Sankpal (FE-INFT), Roshan Yadav (FE-INFT), Sarthak Mhatre (FE-INFT), Kshitij Nangare (FE-INFT)

Battle of Brilliance at VESIT

~ Nikunj Pal

The Department of Electronics and Telecommunication Engineering (EXTC) at VESIT hosted the highly anticipated event, "**Kaun Banega Technocrat - 2024**," on February 10, 2024. This event aimed to unlock the technical potential of students, providing them with a platform to showcase their intellect, problem-solving prowess, and critical thinking skills. Hosted by **Dr. Nadir Charniya** (Professor, Department of Electronics and Telecommunication Engineering and Innovation Ambassador at the Institution's Innovation Council (IIC)), VESIT, the event turned out to be an exhilarating spectacle of knowledge and ingenuity.

With over **200** students participating, the excitement was palpable as the contest unfolded across three thrilling phases: the Elimination Round, Beat the Clock Round, and the Spotlight Round.Elimination Round (February 2, 2024): The first phase was an online quiz with 25 MCQs on quantitative, verbal, logical, and technical knowledge. Conducted via Google Form, participants had 20 minutes to complete the quiz.

Over 200 students participated, and the top six advanced to the next round.

Beat the Clock Round (February 10, 2024): The second phase was an offline quiz with 10 technical MCQs, designed to assess quick thinking and familiarity with technical terminology. Participants had just 10 minutes to complete the quiz. The two fastest candidates with the highest scores moved on to the final round.

Speaker of the event - Dr. Nadir Charniya (Professor, Department of Electronics and Telecommunication)

Spotlight Round (February 10, 2024): The final round, hosted by Dr. Nadir Charniya, featured 10 in-depth technical MCQs. This round tested participants' deep understanding and expertise in technical concepts, ensuring that only the most knowledgeable excelled.

In a display of sheer brilliance, **Nikunj Pal** (SE-EXTC) emerged as the winner of Kaun Banega Technocrat - 2024, with **Vedant Patil** (TE-EXTC) as the runner-up. Their outstanding achievements were celebrated with resounding applause as they were honored with certificates and prizes

(L-R) : Winner Nikunj Pal (SE-EXTC) and Runner-Up Vedant Patil (TE-EXTC) with the faculties

CodeCell's Flagship Event SYRUS

~Brijesh Sharma

Syrus '24, a **24-hour hackathon** held on February 20th and 21st by **Codecell Tinkerer's from Department of Computer Engineering,** aimed to foster diversity, networking, and innovation among students nationwide. The event focused on addressing real-world challenges aligned with the United Nations' Sustainable Development Goals (SDGs), spanning three tracks: Web 2, Web 3, and GenAI. The hackathon was sponsored by tech giant **Microsoft, Devfolio, Github, Polygon, ETH India,** and **Give My Certificate.**

Commencing with an inspirational inauguration speech by student head **Ananya Pandey** (BE-CMPN) , in the presence of **Dr. Mrs. Nupur Giri** (Head, Department of Computer Engineering) and other esteemed faculty members, the hackathon gathered 91 participating teams, out of which 40 finalists advanced to the next phase.

Syrus '24 provided participants with a unique platform to collaborate, innovate, and showcase their skills in tackling pressing global issues.

Overall, the event was a resounding success,

offering participants a valuable opportunity to contribute meaningfully to the community while honing their technical abilities.

Student Head of Codecell Tinkerer's - Ananya Pandey (BE-CMPN) coordinated the event

(L-R): Dr. Nupur Giri (Head, Department of Computer Enngineering) felicitating winner of Domain 2 (GenAI)- Manraj Virdi (TE-CMPN), Deven Bhagtani (TE-CMPN), Tanvi Sangale (TE-CMPN), and Disha Bhat (TE-CMPN)

The **Winners of Domain 1 (Web2)** were the team of **Devangana Barua** (TE-CMPN), **Dipanshu Ghime** (TE-CMPN)**, Kinjala Ahuja** (TE-CMPN)**, and Taufique Ansari** (TE-CMPN). The results for Web 3.0 haven't being declared by Devfolio yet. The **Winner of Domain 3 (GenAI)- Manraj Virdi** (TE-CMPN), **Deven Bhagtani** (TE-CMPN)**, Tanvi Sangale** (TE-CMPN), and **Disha Bhat** (TE-CMPN)**.**

(L-R): Dr. Prashant Kanade (Assistant Professor, Department of Computer Enngineering) felicitating the winners of Domain 1 (Web 2)- Devangana Barua (TE-CMPN), Dipanshu Ghime (TE-CMPN), Kinjala Ahuja (TE-CMPN), and Taufique Ansari (TE-CMPN)

Pitch Perfect

~ Avan Shetty

The **Department of Artificial Intelligence and Data Science** at VESIT, along with **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)**, organized an 'Ideathon' workshop on February 12, 2024. Mentored by **Mr. Sanket Paratkar** (Co-Founder, Curomates), the session aimed to empower attendees with insights on monetizing ideas.

The Speaker session commenced at 12:30 PM with the topic, "How to design, market, and monetize your Product." Mr. Paratkar, an esteemed alumnus, shared actionable advice on monetization models, market analysis, revenue generation techniques, and sustainable business practices, supported by real-life examples.

Following the speaker event, the 3-hour Ideathon competition presented four distinct problem statements, encouraging diverse thinking.

Teams brainstormed ideas, developed pitch proposals, and presented their solutions to a panel of judges.

(L-R) : Winners of the Ideathon with speaker Mr. Sanket Paratkar (Co-Founder, Curomates) -Brijesh Sharma (SE-INFT), Ashishkumar Maurya (SE-AIDS), and Shubham Jha (SE-INFT)

After the extensive competition, the team of **Brjesh Sharma** (SE-INFT), **Ashishkumar Maurya** (SE-AIDS)**, Shubham Jha** (SE-INFT) were the winners. The runner-ups were team of **Heramb Pawar** (BE-AIDS)**, Madhusudhana Naidu** (BE-AIDS)**,** and **Vemburaj Konar** (BE-AIDS) .

(L-R): Runner Up of the Ideathon with speaker Mr. Sanket Paratkar (Co-Founder, Curomates) - Heramb Pawar (BE-AIDS), Madhusudhana Naidu (BE-AIDS), and Vemburaj Konar (BE-AIDS)

Invictus Code Forge

~ Avan Shetty

The Invictus Hackathon, a collaborative event hosted by **ISTE and QuestIt**, took place on **20 to 21 January 2024,** offering a competitive platform for participants to demonstrate their coding prowess and problem-solving abilities. Spanning 24 hours, the hackathon presented a variety of problem statements across artificial intelligence, web development, and data science, catering to participants from diverse technical backgrounds.

The primary objectives of the hackathon included fostering a competitive yet collaborative coding environment, enhancing participants' problem-solving skills, and promoting continuous learning through strategically designed assignments. The event aimed to stimulate innovation, creativity, and effective teamwork while emphasizing ethical coding practices and real-world industry exposure.

The hackathon began with a live video session briefing, setting the stage and outlining the structure and rules of the event. Participants were then introduced to their problem statements, tailored to their respective tracks. Track 1, designed for SEs, focused on developing an inventory management system and a student internship platform. Track 2, which included TEs, BEs, and MCA students, centered on creating an education platform for underprivileged students and an AI-enabled system for YouTube videos.

The problem-solving journey was structured through three assignments with specific objectives and deadlines, covering problem statement selection and research, detailed solution explanation, and project scope and value creation. Participants were required to submit these assignments before the specified deadlines, adding a layer of time-bound challenge to the event.

Support and guidance were provided through two helpline meetings on January 20, addressing technical queries and offering troubleshooting support in different time slots

The event culminated with the submission of the final code by 10:00 AM on January 21. The winners were announced, recognizing not only the best solutions but also collaboration, innovation, and perseverance.

Track 1 Winners :
1st Prize: The Code of Duty - Team members: Binayak Bhattacharjee (SE-ECS), Vinayak Panchal (SE-ECS), Harsh Kapse (SE-ECS), Atharva Phadtare (SE-ECS)

2nd Prize: Coders Monks - Team members: Pankaj Pawar (SE-EXTC), Latish Adwani (SE-CMPN), Vedang Gambhire (SE-CMPN), Sujal Pakhale (SE-EXTC)

Faculty Incharge of ISTE-VESIT, Dr. Asawari Dudwadkar (Assistant Professor, Department of Electronics Engineering) felicitating Track 1 winners - Code of Duty team

(L-R): 1st runner-ups of Track 1 - CodersMonk team, Sujal Pakhale (SE-EXTC), Vedang Gambhire (SE-CMPN), Latish Adwani (SE-CMPN), and Pankaj Pawar (SE-EXTC)

(L-R): Shashwat Tripathi (Secretary, ISTE-VESIT) and Divisha Gupta (ISTE-VESIT) felicitating 2nd runner-ups of Track 1 - Falcon Coders

3rd Prize: Falcon Coders - Team members: Asmi Jamuna Rajbhar (SE-CMPN), Ravina Vartak (SE-CMPN), Ansari Mohammed Sufiyan (SE-AIDS)

Track 2 Winners :
1st Prize: CFROST - Team members: Shree Samal (BE-INFT), Aaman Bhowmick (BE-INFT), Mikil Lalwani (BE-INFT), Nilay Pophalkar (BE-INFT)

2nd Prize: SaiDuck - Team members: Taufique Ansari (TE-CMPN), Sadhak Kumar (TE-CMPN), Dipanshu Ghime (TE-CMPN), Vinesh Paralkar (TE-CMPN)

3rd Prize: TLE - Team members: Meet Mulik (BE-INFT), Anish Lohiya (BE-INFT), Om Tandel (BE-INFT), Devesh Rahatekar (BE-INFT)

The organizers' commitment to providing support through helpline meetings ensured a positive experience for all, highlighting the hackathon's success in encouraging innovation and teamwork in a competitive coding environment.

Faculty Incharge of ISTE-VESIT, Dr. Asawari Dudwadkar (Assistant Professor, Department of Electronics Engineering) felicitating Track 2 winners - CFROST team

Faculty Incharge of ISTE-VESIT, Dr. Asawari Dudwadkar (Assistant Professor, Department of Electronics Engineering) felicitating 1st runner-ups of Track 2 - SaiDuck

Faculty Incharge of ISTE-VESIT, Dr. Asawari Dudwadkar (Assistant Professor, Department of Electronics Engineering) felicitating 2nd runner-ups of Track 2 - TLE

Driving AI Innovation and Learning

~Vinit Solanki

The **Department of Artificial Intelligence and Data Science**, in collaboration with AI-CoLegion and **VESIT - Institution's Innovation Council** and **VESIT - Internal Quality Assurance Cell**, organized a 24-hour online hackathon titled "**Hack-AI-Thon 2.0**" from March 23rd to March 24th, 2024. This event, themed around emerging Artificial Intelligence domains such as Machine Learning, Generative AI, and Computer Vision, aimed to encourage participants to develop innovative software solutions under pressure.

The primary objectives of Hack-AI-Thon 2.0 where to bring together a diverse group of students to collaborate and develop innovative solutions to real-world problems, to instill a competitive spirit in students, enhancing their learning curves and pushing their limits, to address important social or environmental issues through machine learning solutions, and to create a creative and collaborative environment benefiting both participants and the community. Additionally, it helped discover new talent, with potential recruits identified for future projects.

The hackathon commenced at 3 PM on March 23rd with the release of problem statements on Google Classroom. Participants selected their top two preferences from four problem statements by 3:45 PM. The event was formally inaugurated by Dr. Anjali Yeole at 4 PM via an online meeting, followed by an overview of the event schedule and submission expectations. Problem statements were allocated to teams by 5 PM, initiating Round 1, where teams submitted an abstract by 7 PM. Round 2 guidelines were released at 7 PM, requiring a detailed document by 11:30 PM. Participants worked overnight to develop their prototypes.

On March 24th, Round 3 began with a 10 AM deadline for video prototypes, submitted on YouTube. At 1 PM, a mentorship session provided guidance, followed by final submissions on DevFolio by 7 PM. The hackathon concluded with the announcement of eight finalist teams. The finale took place on March 27th offline, where the top eight teams presented their projects to judges **Mr. Amit Singh** (Assistant Professor, Department of Artificial Intelligence and Data Science) and **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering). Each team had 10 minutes to present, with winners announced the following week.

(L-R): Judges Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering), and Mr. Amit Singh (Assistant Professor, Department of Artificial Intelligence and Data Science)

(L-R): Anjali Yeole (Deputy Head, Department of Artificial Intelligence and Data Science) and Dr. M. Vijayalakshmi (Head, Department of Artificial Intelligence and Data Science) felicitating 1st Prize Winner - Code Commandos including Shreyas Bagwe (SE-CMPN), Suryanarayan Panigrahy (SE-CMPN), Gaurav Mahadeshwar (SE-CMPN)

The winners of Hack-AI-Thon 2.0 were as First Prize to Code Commandos including **Shreyas Bagwe** (SE-CMPN), **Suryanarayan Panigrahy** (SE-CMPN), **Gaurav Mahadeshwar** (SE-CMPN), Second Prize to Status200 including **Chinmay Desai** (SE-CMPN), **Gautam Rai** (SE-CMPN), **Harsh Pimparkar** (SE-CMPN), and Third Prize to Phoenix including **Mayur Jadhav** (SE-AIDS), **Pratham Gupta** (SE-AIDS). Prizes included a **cash prize pool of Rs. 10,000**, Wolfram Pro licenses, Sybgen Global Certifications, Echo 3D subscriptions, merchandise, and other incentives.

(L-R): Anjali Yeole (Deputy Head, Department of Artificial Intelligence and Data Science) and Dr. M. Vijayalakshmi (Head, Department of Artificial Intelligence and Data Science) felicitating 2nd Prize Winners - Status200 including Chinmay Desai (SE-CMPN), Gautam Rai (SE-CMPN), and Harsh Pimparkar (SE-CMPN)

(L-R): Anjali Yeole (Deputy Head, Department of Artificial Intelligence and Data Science) and Dr. M. Vijayalakshmi (Head, Department of Artificial Intelligence and Data Science) felicitating 3rd Prize to Phoenix including Mayur Jadhav (SE-AIDS), Pratham Gupta (SE-AIDS)
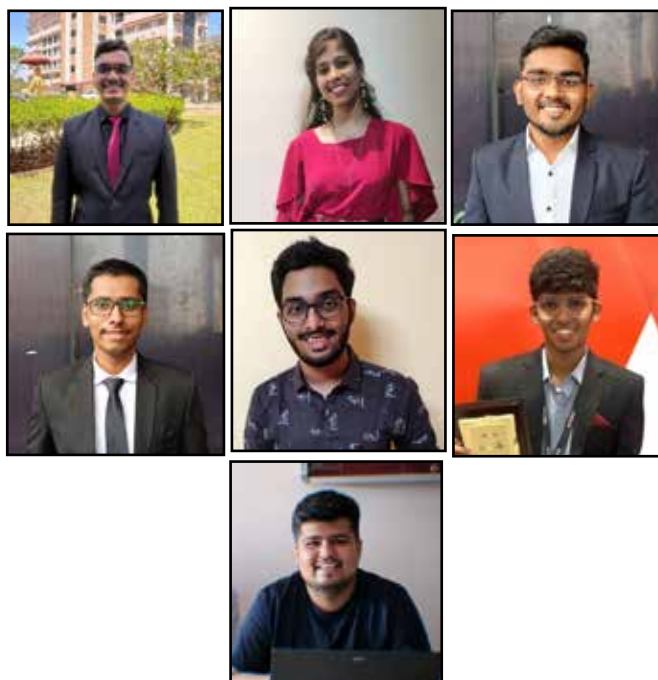
Prepping for Corporate Life

~ Avan Shetty

The **Campus2Corporate (C2C)** event organized by **ISTE-VESIT** aimed to ease the transition of students from campus to corporate life. The two-day event featured **Pre-Placement and Interview Sessions** for ISTE members, where seasoned seniors shared insights on coding, interview techniques, soft skills, and the right mindset for success.

On 14 February 2024, the Pre-Placement Session took place. In Classroom B42, **Atharva Bhoite** (BE-INFT), **Divisha Gupta** (BE-INFT), and. **Upendra Falak** (BE-INFT) discussed coding and aptitude tests. In Classroom B21, **Sarvesh Patil** (BE-INFT) and **Omkar Mahajan** (BE-CMPN) offered expertise on similar topics. These sessions equipped students with essential skills for their professional journey.

On 15 February 2024, the focus shifted to interview preparation. Speakers, including **Sarvesh Patil** (BE-INFT), **Hrishikesh Patil** (BE-CMPN), **Divisha Gupta** (BE-INFT), **Atharva Bhoite** (BE-INFT), and **Sahil Kodwani** (BE-INFT), provided strategies and techniques for excelling in interviews. An aptitude and coding test was conducted on 14 and 15 February 2024, on the Hackerrank platform, proctored by council members via Google Meet. On 17 February 2024, selected participants underwent an online interview round conducted by alumni experts.

(Top-Bottom, L-R): Speakers of the event - Atharva Bhoite (BE-INFT), Divisha Gupta (BE-INFT), Upendra Falak (BE-INFT), Sarvesh Patil (BE-INFT), Omkar Mahajan (BE-CMPN),Hrishikesh Patil (BE-CMPN), and Sahil Kodwani (BE-INFT)

From the TEs, **Abhishek Pattanayak** (TE-INFT) emerged as the winner, with **Abhishek Jadhav** (BE-INFT) as the runner-up. From the SEs, **Sairam Konar** (SE-INFT) was the winner, and **Brijesh Sharma** (SE-INFT) was the runner-up.

(L-R): TEs Winner - Abhishek Jadhav (BE-INFT) and 1st runner-up - Abhishek Patnayak (TE-INFT)

(L-R): SEs Winner - Sairam Konar (SE-INFT) and 1st runner up - Brijesh Sharma (SE-INFT)

The C2C event successfully bridged the gap between academic learning and industry expectations, empowering over **80 participants** to navigate the professional world with confidence and competence.

TECH UPSKILLING

Mastering DevOps and Cloud Scaling

~Joanna Sanju

CloudOps unleashed : scaling Applications through DevOps and Cloud was organized in Vivekanand Education Society's Institute of Technology from 1st January to 6th January , 2024. The coordinator of the program was **Dr. (Mrs.) Nupur Giri** (Head, Department of Computer Engineering) and Co-coordinator of the event was **Mr. Richard Joseph** (Assistant Professor , Department of Computer Engineering). The Chief Patrons were **Shri. B. L. Boolani** (Managing Trustee, VESIT), **Shri Suresh Malkani** (President, VES), **Shri. Rajesh Gehani** (Secretary, VES), **Shri. Dr. Prakash Lulla** (Treasurer, VESIT), **Shri. Vijay Talreja** (Trustee, VES & Co-Founder, Adapty), **Dr. (Mrs.) J. M. Nair** (Principal, VESIT), Dr. **(Mrs.) M. Vijayalakshmi** (Vice Principal, VESIT). The Advisory Committee included **Dr. Gresha Bhatia** (Deputy Head, Department of Computer Engineering) , **Dr. Sharmila Sengupta** (Associate Professor, Department of Computer Engineering), **Dr. Sujata Khedkar** (Associate Professor, Computer Engineering), **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering), **Dr. Dashrath Mane** (Assistant Professor, Computer Engineering Department) and **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering). The members of the organizing committee were **Mrs. Sunita Suralkar** (Assistant Professor, Department of Computer Engineering), **Mr. Sanjay Mirchandani** (Assistant Professor, Department of Computer Engineering).

Dr. Gresha Bhatia (Deputy Head, Department of Computer Engineering) highlighted the achievements of the Computer Engineering Department at VESIT. In a formal gesture representing the entire department, a warm and cordial welcome was extended to **Mr. Mukesh Kataria** (Vice President and Head, Learning at QualityKiosk) offered a comprehensive and insightful overview of the rapidly evolving landscape of cloud computing.

On day 1 **Dr. Deven Shah** (Associate Dean of Faculty of Technology, Mumbai University, Principal – Shree L. R. Tiwari College of Engineering) covered topics like what is Cloud Computing. Cloud service models and Cloud Development Models. **Dr. Bhushan Jadhav** (Associate Professor, Thadomal Sahani College of Engineering, Mumbai) shared his valuable insights on various topics such as DevOps Culture and Benefits, DevOps Tools and Toolchain CI/CD Pipeline Overview, Version Control with Git, Introduction to Continuous Integration (CI) in the afternoon session of the first day.

On the second day, **Mr. Prakash Kapadia** (Adjunct Engineer, Center for Development of Advanced Computing) shared insights on establishing a foundational CI/CD Pipeline with eloquence. He also covered Hands-on: Building and Testing code in CI, Continuous Development and continuous delivery, CD/CD Automation and orchestration, Advanced CI/CD Pipeline Configuration, Monitoring and Logging in DevOps.

(Top-Bottom, L-R): Speakers of the event - Dr. Gresha Bhatia (Deputy Head, Department of Computer Engineering), Mr. Mukesh Kataria (Vice President and Head, Learning at QualityKiosk), Dr. Deven Shah (Associate Dean of Faculty of Technology, Mumbai University, Principal – Shree L. R. Tiwari College of Engineering), and Dr. Bhushan Jadhav (Associate Professor, Thadomal Sahani College of Engineering, Mumbai)

On the third day the morning session started with the creation of an AWS account under the guidance of Dr. Bhushan Jadhav. AWS Services EC2 Instances and Networking in AWS. **Dr. Gaurav Trivedi** (Associate Professor, Department of Electronics & Electrical Engineering, IIT Guwahati) continued the workshop covering topics AWS Lambda and serverless Computing, AWS Elastic Beanstalk and containers, Aws ClouDr. GauradFormation and infrastructure as code Hands-on Depolying Applications on AWS.

On day 4 Dr. Gaurav Trivedi gave introduction to Kubernetes, Docker and Container Basics, Kubernets Architecture and Components, Deploying Applications with Kubernetes, infrastructure as code. **Mr. Goutham Nanjundaswamy** (CTO, Ethnus Consultancy Services Pvt. Ltd, Bangalore) covered IaC Tools: Terraform and CloudFormation, Creating and Managing Infrastructure with Terraform , Hands-on: Deploying Infrastructure as Code.

On day 5 Mr. Nanjundaswamy continued to give his insights on Cloud Monitoring and Performance Optimization, Logging and Tracing in Cloud Environments, Cloud Security Best Practices, Implementing Security Measures in Cloud and DevOps , Advanced CI/CD Practices and Strategies, Infrastructure Testing and Validation, Automating Deployment Workflows, Hands-on: Advanced CI/CD Implementation

On day 6 Industry Visit to Litmus InfoServices Ltd, Andheri. Here we understood the Cost Benefit Analysis for Cloud Infrastructure. The participants got to know Private Cloud Infrastructure, Real time Service Monitoring, and Service resolution. Along with industrial visit **Mr. Yati Gharat** (CTO, Litmus Information System LLP, Mumbai, IIT Roorkee) generously offered his expertise on Managing Cloud Costs and Budgeting, Cloud Cost Optimization Strategies , Right-sizing Resources and Reserved Instances, Hands-on: Implementing Cost Management Techniques.

(Top-Bottom, L-R): Speakers of the event - Mr. Prakash Kapadia (Adjunct Engineer, Center for Development of Advanced Computing), Dr. Gaurav Trivedi (Associate Professor, Department of Electronics & Electrical Engineering, IIT Guwahati), Mr. Goutham Nanjundaswamy (CTO, Ethnus Consultancy Services Pvt. Ltd, Bangalore) , and Mr. Yati Gharat (CTO, Litmus Information System LLP, Mumbai, IIT Roorkee)

Essential Skills for Future Careers

~Joanna Sanju

VESIT is proud of its robust alumni base which has grown immensely and reached global heights. It wholeheartedly acknowledges their role as stakeholders in leveraging the VESIT brand, to foster this relationship further VESIT-Internal Quality Assurance Cell (IQAC) has unlocked the teaching learning process, especially during these unprecedented times of COVID-19, through, "VESIT's Alumni Engagement Initiative: V-REACH". Under these initiative various sessions were organized.

In today's rapidly evolving job market, merely possessing technical expertise is no longer sufficient for career advancement. This session, conducted by **Mr. Neeraj Jethani** (Batch of 2018, Department of Computer Engineering), on 16th February 2024 helped through dynamic and thought-provoking discussion on the innovative essential skills crucial for navigating and thriving in the professional landscape of tomorrow.

A session regarding data analytics was conducted on 22 February 2024 by **Mr. Rajan Kasbe** (Batch of 2016, Department of Master of Computer Application) who described the advancements in technology, including AI and machine learning, data analytics, and how it will continue to play a vital role in driving innovation, optimizing processes, and gaining a competitive edge in the coming years.

(L-R): Speakers of the workshop - Mr. Neeraj Jethani (Batch of 2018, Department of Computer Engineering), Mr.Rajan Kasbe (Batch of 2016, Department of Master of Computer Application), Mr. Jigar Kanadia (Branch of 2010, Department of Information Technology)

The session **Navigating the Journey to a Successful Product: Lessons for a Startup Innovator** was conducted by **Mr. Jigar Kanadia** (Branch of 2010, Department of Information Technology) on 12 February 2024.

The session was conducted on 12th February 2024 in VESIT Auditorium. During the session speaker gave insights into **Minimum Viable Product (MVP)** and **Minimum Marketable Product (MMP).** The session covered the concept of what the product is. What is the need for the product? Who are the stakeholders of the product? and how to make the product successful and favorable for its uses. He also explains the roles of Stakeholders, developers, and end users, which stresses the importance of stakeholders, including investors, customers, developers, and end-users, in every stage of product development. Their input and engagement are crucial for refining the product and ensuring its success in the market.

Connecting Academia and Industry

~Preeti Khamkar

The morning of 22nd March 2024 saw an auditorium full of delegates from various companies, faculties, and students eager to learn from top-notch industry agents. The "**VESIT-Industry HR Connect**" was orchestrated by the Training and Placement Cell for the first time to help the students understand the industry's expectations and must-haves. For this event, more than **150+ companies** reached out through emails, WhatsApp messages and phone calls out of which **11 people** agreed to be panelists and 2 people agreed to be keynote speakers as well as moderators.

After lighting the lamp, the keynote speakers were felicitated. **Mr. A. Nagananda** (Training and Placement Officer, VESIT) stated the objectives and the takeaways for the session. **Dr. J. M. Nair** (Principal, VESIT) said a few words about the innovations of the college and how autonomy has opened the doors to many opportunities. **Mr. Vijay Talreja** (Trustee, VESIT), expressed his vision to make each student of VESIT skilled in Artificial Intelligence, irrespective of their branch.

Keynote Speaker 1 Mr. Hemal Desai (Vice President - Marketing, Endress+Hauser India Pvt. Ltd.) addressing the audience

Keynote Speaker 2 Mr. Saurabh Srivastava (Vice President, Reliance Jio Infocomm Ltd.) addressing the audience

Then the main event started with the keynote speakers enlightening the audience with their experience. There were two keynote speakers- **Mr. Hemal Desai** (Vice President - Marketing, Endress+Hauser India Pvt. Ltd.) and **Mr. Saurabh Srivastava** (Vice President, Reliance Jio Infocomm Ltd.). Mr. Hemal Desai shared his thoughts on changing one's mindset towards a company's pay as a fresher since a company invests in you and helps you learn in the first two years of your time in the corporate world. He advised the students to join a good company and remove the money perspective. According to him, a few must-haves in life are- purpose, curiosity, basic financial literacy, public speaking and presentation skills, etc. He concluded by telling everyone to have clear fundamentals and an attitude fitting the company's culture. Next came Mr. Saurabh Srivastava who shared the journey of JIO and told everyone that taking care of one's learning path was important.

(L-R): Speakers of Panel-1 - Ms. Vineeta Chawla (Assistant Manager, Tata International), Mr. Hanumant Kadam (Assistant General Manager, HRD- Superannuated, Ex RCF), Mr. S. P. Katdare (Manager, Perfect Instrumentation Controls), Mr. Hemal Desai (Vice President - Marketing, Endress+Hauser India Pvt. Ltd.), Ms. Neelakshi Kulkarni (Vice President, ISS STOXX), Mr. Tushar Jadhav (Associate Director, Global Engineering Centres, Johnson Controls), and Mr. Saurabh Srivastava (Vice President, Reliance Jio Infocomm Ltd.)

After these keynote speakers, it was time for panel discussions. While arrangements were made on the dias for the discussion, Mr. Hemal requested **Mr. Ajay Monteiro** (Head HR, Endress+Hauser India Pvt. Ltd.) to say a few words. There were two panel discussions, each covering a different topic. The first panel discussion was about 'Industry Expectations from Budding Professionals for Sustainable Career Growth'. The moderator for this panel was Mr. Hemal Desai. The panelists were **Mr. Hanumant Kadam** (Assistant General Manager, HRD- Superannuated, Ex RCF), **Mr. Tushar Jadhav** (Associate Director, Global Engineering Centres, Johnson Controls), **Mr. S. P. Katdare** (Manager, Perfect Instrumentation Controls), **Ms. Neelakshi Kulkarni (**Vice President, ISS STOXX), **Ms. Vineeta Chawla** (Assistant Manager, Tata International), **Mr. Saurabh Srivastava** (Vice President, Reliance Jio Infocomm Ltd.).

The moderator for the second panel discussion was **Dr. Ajay Brahmbhatt** (Manager-HR, Siemens Limited). The panelists were **Mr. Mihir Oak** (Operation/HR, Embedos Engineering), **Mr.** **Sarvesh Bedekar** (Associate Vice President, ISS STOXX), **Mr. Nikhil Dabhole** (HR Head, TATA Consultancy Services), **Mrs. Padmaja Singh Arya** (HR Head, Nse Cogencis), and **Mr. Hiten Parikh** (Deputy General Manager, Worley). The topic for discussion was 'Impact of AI and Automation on the Future of Workforce'.

(L-R): Speakers of Panel-2 - Mr. Nikhil Dabhole (HR Head, TATA Consultancy Services), Mr. Mihir Oak (Operation/HR, Embedos Engineering), Dr. Ajay Brahmbhatt (Manager-HR, Siemens Limited), Mr. Sarvesh Bedekar (Associate Vice President, ISS STOXX), Mrs. Padmaja Singh Arya (HR Head, Nse Cogencis), and Mr. Hiten Parikh (Deputy General Manager, Worley)

Mrs. Padmaja insisted on learning and embracing AI rather than fearing it. She suggested that it should be used as a support and that one needs to keep upgrading oneself in order to keep AI from impacting their career. Mr. Sarvesh pointed out how one has to work with AI and there is always human intervention involved in order to verify the AI's answers. Mr. Nikhil opined that it won't take away a person's job but the mundane part of the job. All that it is going to do is help crunch the data and aggregate it to give you efficient solutions. Mr. Hiten highlighted how modeling instruments has become easier thanks to AI. Mr. Mihir reminded the audience that self-growth is needed since many technologies will come and go but we need to proceed with the changing trends. Mr. Nikhil made the students realize that the companies are willing to invest in the freshers and that one should make the best of this opportunity by contributing to the company as well as themselves. The discussion ended with an interesting yet amusing question-and-answer round.

The event ended with a vote of thanks and minds charged with the thoughts and suggestions. VESITConnect, was responsible for covering the event and for documentation under the guidance of Convener of the event Mr. Nagananda A. and Co-Convener Dr. Dashrath Mane. Convener of the event Mr. Nagananda A. and Co-Convener Dr. Dashrath Mane expressed gratitude for successfully conducting the event.

Gearing Up for GATE

~Shreya Nalawade

The **Department of Computer Engineering** , in association with **VESIT-IQAC (Internal Quality Assurance Cell),** organised **Gate Preparation Classes** from 8th to 13th January 2024. The initiative was aimed at equipping second and third year students with the skills required to excel in the computer science and engineering domain of Gate examination. It was scrupulously coordinated by **Dr. Nupur Giri** (Head, Department of Computer Engineering), **Dr. Gresha Bhatia** (Deputy Head, Department of Computer Engineering) and **Mrs. Yugchhaya Galphat** (Assistant Professor, Department of Computer Engineering).

The classes were led by seasoned professionals with extensive expertise in computer science and engineering, a deep knowledge of the Gate syllabus and a wealth of experience in preparing students for competitive examinations.

(L-R): Coordinators of the event - Dr. Nupur Giri (Head, Department of Computer Engineering), Dr. Gresha Bhatia (Deputy Head, Department of Computer Engineering)

Mrs. Yugchhaya Galphat (Assistant Professor, Department Of Computer Engineering) and **Mrs. Sunita Suralkar** (Assistant Professor, Department Of Computer Engineering) covered "**Theory of Computer Science"** while **Mr. Richard Joseph** (Assistant Professor, Department Of Computer Engineering) and **Mrs. Prerna Solanke** (Assistant Professor, Department Of Computer Engineering) focused on the subject of Data Structures. Additionally, "Database Management System" was taught by **Mrs. Veena Trivedi** (Assistant Professor, Department Of Computer Engineering) and **Mrs. Manisha Mathur** (Assistant Professor, Department Of Computer Engineering).

Along with a comprehensive coverage of the syllabus, the instructors also provided strategic insights to help students manage their time efficiently during the exam, prioritize questions based on their difficulty and scoring potential, and optimize overall performance. This targeted approach ensured that the students were well-prepared not only in terms of knowledge but also in exam strategy, enhancing their confidence and readiness for the examination.

(L-R): **Mrs. Yugchhaya Galphat (Assistant Professor, Department Of Computer Engineering) and Mrs. Sunita Suralkar (Assistant Professor, Department Of Computer Engineering) covered "Theory of Computer Science"**

(Top-Bottom, L-R): **Mrs. Veena Trivedi (Assistant Professor, Department Of Computer Engineering) and Mrs. Manisha Mathur (Assistant Professor, Department Of Computer Engineering) taught about DBMS and Mr. Richard Joseph (Assistant Professor, Department Of Computer Engineering) and Mrs. Prerna Solanke (Assistant Professor, Department Of Computer Engineering) covered DSA**

Flutter Mastery Seminar

~Avan Shetty

Department of Information Technology, in association with **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell),** organized an **Advance Flutter seminar** on March 9, 2024 for the Third year students. The seminar, led by **Kiran Maharana**, a Senior Developer at ICICI Lombard, aimed to deepen participants' understanding of Flutter, a popular UI software development toolkit. With a total of **64 students** participating, the event was designed to provide a comprehensive overview of advanced Flutter programming concepts, industry-standard implementation, and real-life application deployment.

The primary objectives of the seminar were to familiarize students with the core concepts of Flutter, enhance their ability to design advanced applications, and teach them to deploy these applications effectively. The session covered a wide range of topics, including the basics and advanced features of Flutter, industry-standard coding practices, and the design and deployment of a real-life application. Throughout the session, participants engaged in hands-on activities that allowed them to apply their newly acquired knowledge in practical scenarios. This interactive approach not only facilitated a deeper understanding of the material but also helped students to gain confidence in using Flutter for their projects.

Speaker of the webinar, Kiran Maharana, a Senior Developer at ICICI Lombard

Mastering Embedded Systems

~Brijesh Sharma

Department of Information Technology, under the guidance of **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)** organized a workshop on **Embedded Sensing and Interfacing Systems** coordinated by **Mrs. Vinita Mishra** (Assistant Professor, Department of Information Technology) and **Dr. Monali Chaudhary** (Assistant Professor, Department of Electronics and Telecommunication Engineering). The speaker of the workshop was **Mr. Abhishek Chaudhari** (Assistant Professor, Department of Information Technology).

The workshop commenced on 10th February 2024 with an introductory session on embedded systems and microcontrollers. Students were introduced to various platforms available for sensor interfacing. On 12th February 2024, the focus shifted to sensors and actuators.

The practical aspect of the workshop began on 4th March 2024, where students engaged in hands-on practice with PIR, rainwater, and ultrasonic sensors. The hands-on learning continued on 9th March 2024, with students practicing the interfacing of moisture, light intensity, and sound sensors, further strengthening their practical skills.

Speaker of the session - Mr. Abhishek Chaudhari (Assistant Professor, Department of Information Technology)

The final session on 18th March 2024 focused on the integration of sensors with Raspberry Pi using Node-RED. Students learned how to interface various sensors with Raspberry Pi, enabling them to create more complex and functional embedded systems.

Overall, the workshop provided third-year students with a comprehensive understanding of embedded systems, sensor technology, and practical interfacing techniques.

Coordinators of the session - Mrs. Vinita Mishra (Assistant Professor, Department of Information Technology) and Dr. Monali Chaudhary (Assistant Professor, Department of Electronics and Telecommunication Engineering)

Mastering Model Robustness Techniques

~Riya Varyani

Enhancing Model Robustness through Domain Adaptation and Generalization Techniques organized by the Department of Information Technology Research Forum in association with **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)**. It was held on 10th february 2024. The objective of the program is to educate and engage the audience on the importance of enhancing model robustness through advanced techniques and to stimulate discussion and collaboration among researchers in this domain. **Mr. Ravikant Gupta** (Research Scholar, IIT Bombay) was the speaker for this program. In this program, he delves into the significance of enhancing model robustness and the methodologies employed to achieve this objective.

During the program, Mr. Gupta provided a comprehensive overview of various techniques for enhancing robustness, such as adversarial training, transfer learning, domain alignment methods, regularization techniques, data augmentation, and ensemble learning. He also shared insights about its applications and case studies. Numerous real-world applications benefit from enhanced model robustness through domain adaptation and generalization techniques. Examples include computer vision, natural language processing, and healthcare.

Speaker of the workshop Mr. Ravikant Gupta (Research Scholar,IIT Bombay)

Lets Learn MATLAB

~Nikunj Pal

The **Department of Computer Engineering** in association with the **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)**, conducted a skill enhancement lecture on Machine Learning Using MATLAB. The lecture was held on February 6 and 7, 2024, and was mapped to the subject of Artificial Intelligence. This session was specifically organized for third-year students.

The session was conducted by **Mr. Kunal Khandelwal** (MathWorks Expert Trainer) for MATLAB, working with DesignTech Systems, the sole distributor for MathWorks MATLAB in academic services. Mr. Khandelwal brought extensive experience and expertise to the lecture, enriching the learning experience for the students.

Speaker of the workshop - Mr. Kunal Khandelwal (MathWorks Expert Trainer)

On Day 1, the session was formally inaugurated by **Dr. Mrs. Gresha Bhatia** (Deputy Head, Department of Computer Engineering). The day comprised various project case studies relevant to current industry requirements, which provided practical insights into the application of machine learning. The student attendance was meticulously recorded during the session. Mr. Khandelwal introduced various terminologies related to Artificial Intelligence (AI) and Machine Learning (ML), demonstrating how these concepts

(Top-Bottom, L-R): Faculty Speakers of the session - Dr. Mrs. Nupur Giri (Head, Department of Computer Engineering), Dr. Mrs. Gresha Bhatia (Deputy Head, Department of Computer Engineering), Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering), and Dr. Dashrath Mane (Assistant Professor, Department of Computer Engineering)

can be implemented using MATLAB. He addressed and resolved numerous queries from students regarding AI and ML.

Day 1's training was conducted for students of sections D12 A and D12 B, with coordination by **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering). On Day 2, students from section D12 C received training, coordinated by **Dr. Dashrath Mane** (Assistant Professor, Department of Computer Engineering). The sessions on both days were highly interactive and informative, providing students with valuable knowledge and practical skills in using MATLAB for AI and ML.

This course in Artificial Intelligence, introduced to third-year students under the autonomy scheme, aimed to enhance students' skills and knowledge in AI and ML. VESIT has recently created a new facility by obtaining a MATLAB Campus-Wide License, allowing students to use MATLAB at no extra cost. This license enables students to download and install MATLAB with relevant libraries necessary for their areas of interest. Additionally, MATLAB offers free courses designed to meet recent technology trends, further benefiting the students.

The skill enhancement lecture was successfully conducted under the guidance of Dr. **Mrs. Nupur Giri** (Head, Department of Computer Engineering), and Dr. Prashant Kanade, a team member of the VESIT MATLAB Academic License program.

Atom: A Source to Fuel Sustainablity

~Anish Padhye

On 16th February 2024, the **Research Forum of VESIT**, in collaboration with the Department of Electronics and Telecommunication and Automation and Robotics Engineering, hosted an illuminating session titled "**Atom: A Source to Fuel Sustainability**." This event, held under the auspices of the **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell),** featured **Mr. Uday Kashelikar** (Senior Executive Engineer, Nuclear Power Corporation of India Ltd.), as the keynote speaker. The session commenced at 11 a.m. in the Auditorium, where Mr. Kashelikar captivated the audience with his profound knowledge of atomic energy.

Mr. Kashelikar provided a comparative analysis of various energy sources, including fossil fuels, solar, hydro, and atomic energy. He emphasized the superiority of atomic energy over coal, highlighting its cleanliness and efficiency. Delving into the mechanics of atomic energy, Mr. Kashelikar explained the intricacies of nuclear power generation and the architecture of nuclear power plants. The talk further explored the different types of nuclear power plants, distinguishing between those using hard water and normal water, and the usage of enriched versus normal uranium. Mr. Kashelikar detailed the stages of atomic energy production, from utilizing uranium-235 and uranium-238 to the production of plutonium.

Mr. Kashelikar's session was profoundly informative, enhancing the audience's understanding of atomic energy's pivotal role in future energy strategies. He inspired attendees to consider cleaner and more efficient energy sources, emphasizing atomic energy's significant contribution to a sustainable future. This enlightening session not only educated but also motivated the audience to envision a world where atomic energy plays a central role in achieving sustainability.

Speaker of the event - Mr. Uday Kashelikar giving insights on the topic nuclear power plant

Large Language Models

~Vinit Solanki

On 20th February 2024, the **Department of Artificial Intelligence and Data Science** organized a skill enhancement lecture on "**Large Language Models (LLM)**" in association with **VESIT-IIC** and **VESIT-IQAC**. This insightful session, held in the institute's auditorium was specifically aimed at second-year, third-year and final-year students.

The lecture was delivered by **Mr. Devesh Rajadhyax** (CEO, Cere Labs Pvt. Ltd.), who is a well-known figure in the field of artificial intelligence and has made significant contributions through his work and publications. Mr. Rajadhyax introduced an engaging and informative session on Large Language Models (LLMs). He began with the basics, explaining what LLMs are and how they have revolutionized various aspects of AI and data science. He highlighted their importance in natural language processing, machine translation, and conversational AI, making the session highly relevant to the student's studies and future careers.

Speaker of the workshop - Mr. Devesh Rajadhyax (CEO, Cere Labs Pvt. Ltd.)

The event was meticulously coordinated by **Dr. Anjali Yeole** (Deputy Head, Department of Artificial Intelligence and Data Science). The skill enhancement lecture on Large Language Models was a resounding success, providing students with valuable insights into the world of LLMs and their applications. Mr. Rajadhyax's expertise and engaging presentation style, coupled with his detailed analysis and introduction of his book, made the session both informative and inspiring for all attendees.

Coordinator of the workshop - Dr. Anjali Yeole (Deputy Head, Department of Artificial Intelligence and Data Science)

Cloud Odyssey: Charting the Future

~ Joanna Sanju

Cloud Odyssey, Evolution, Challenges and Innovations in Cloud Computing was a groundbreaking event held on 28 February, 2024 on the occasion of National Science Day. Organized by the **Department of Computer Engineering**, it brought together leading experts, practitioners, and enthusiasts from the cloud computing industry to explore the dynamic landscape of cloud technology. The event was a resounding success under the guidance of **Kumar Vaibhav** (Scientific officer, Computer Division, BARC), offering attendees a comprehensive overview of the current state and future directions of cloud technology.

Focusing on education, Cloud Odyssey equipped attendees with a thorough understanding of cloud computing's evolution, challenges, and innovations. It further fostered knowledge sharing by creating a platform for industry professionals to exchange insights and best practices. Networking was another key objective, allowing attendees to connect with peers, experts, and potential partners within the cloud ecosystem. Hands-on workshops provided practical skills for implementing cloud solutions, while visionary presentations inspired attendees with the future potential of cloud computing and its transformative power across industries.

The event was structured around three primary themes, Evolution of Cloud Computing, Challenges in Cloud Implementation and Innovations in the Cloud. Through informative sessions, interactive discussions, and hands-on experiences, participants gained valuable insights and practical knowledge to navigate the complexities of cloud computing in today's digital era.

Speaker of the workshop - Kumar Vaibhav (Scientific officer, Computer Division, BARC)

A Dive Into Data

~ Meghna John

In our data driven world, data analytics is a must have skill. Thus, keeping it in mind, on 5th March 2024, hosted a workshop on **Data Analytics with Python** organized by the **Department of Master of Computer Applications. Mr. Prakash Pimpale (Joint Director, CDAC Mumbai)**, a distinguished professional in the field of data analytics, served as the keynote speaker for the workshop. Mr. Pimpale's background as a data analytics professional with over a decade of experience in research, design, and development provided a strong foundation for the workshop. His expertise in Natural Language Processing (NLP), Machine Learning (ML), and Text Analytics shone through as he guided participants on their data exploration journey.

Mr. Pimpale commenced the workshop with an overview of data analytics, highlighting its significance in various domains. He introduced Python as a powerful tool for data analysis and outlined the workshop's objectives. Participants were guided through the process of setting up Python and essential libraries such as pandas, numpy, matplotlib, and seaborn. Mr. Pimpale emphasized the importance of Jupyter Notebooks for interactive data analysis. Participants learned to load, clean, and preprocess datasets from diverse sources, including CSV, Excel, and SQL databases.

Mr. Pimpale demonstrated how to create visually appealing plots and charts to explore and communicate insights from data effectively. The workshop delved into foundational statistical analysis concepts, including descriptive statistics such as mean, median, mode, variance, and standard deviation. Participants also gained insights into inferential statistics and hypothesis testing. Mr. Pimpale provided an overview of machine learning concepts, covering both supervised and unsupervised learning techniques. Participants learned to build predictive models using scikit-learn and gained practical experience in model evaluation and hyperparameter tuning.

Speaker of the workshop - Mr. Prakash Pimpale (Joint Director, CDAC Mumbai)

Recognizing Credible Journals

~Nikunj Pal

On 12 January 2024, the **Department of Electronics and Telecommunication Engineering** organised a workshop titled "**SCI and UGC-CARE Approved Journals: Avoid Publication in Predatory Journals**" in conjunction with the KAPILA and YUKTI Initiative of the Ministry of Education. **Dr. Nadir Charniya** (Professor, Department of Electronics and Telecommunication Engineering) was the keynote speaker. The workshop was coordinated by **Dr. Ranjan Bala Jain** (Professor, Department of Electronics and Telecommunication Engineering) and **Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication Engineering).

The workshop aimed to educate participants on the importance of publishing in credible journals and avoiding predatory journals. It also highlighted the KAPILA and YUKTI initiatives, which focus on fostering research and development (R&D).

Dr. Charniya shared his expertise on identifying predatory journals, emphasising the exploitation of the author-pays model, which often leads to unethical behaviour by scientists and researchers. He pointed out that such journals typically lack clear policies on retraction, corrections, or plagiarism, and do not adhere to standard publication ethics. They may feature improper or fake ISSNs and mimic the websites of reputable journals to confuse authors.

The workshop also covered ways to identify predatory journals, such as checking for membership in reputable committees like the Committee on Publication Ethics (COPE) and adherence to UGC-CARE norms.

Participants learned how to discern the quality of a journal from its publication schedule, aims, scope, editorial panel, and impact factor. The workshop provided examples of authentic and predatory journals accessed through platforms like Clarivate, UGC-CARE, and Scopus. The event saw a total participation of **117 individuals**, including **105 students** and **12 faculty members** from the Electronics and Telecommunication Department.

(L-R): Speaker of the workshop - Dr. Nadir Charniya (Professor, Department of Electronics and Telecommunication Engineering), and coordinators of the workshop - Dr. Ranjan Bala Jain (Professor, Department of Electronics and Telecommunication Engineering) and Mr. Mrugendra Vasmatkar (Assistant Professor, Department of Electronics and Telecommunication Engineering)

Senior-Junior Connect

~Joanna Sanju

The **MCA Training and Placement Cell,** in collaboration with **MCA-SPICE,** orchestrated a highly impactful Senior-Junior Meet on the 9th March 2024, transforming Room 113 into a hub of insightful discussions from 11:00 AM to 1:30 PM. The essence of this event was to furnish FYMCA Division A and B students with a profound understanding of the intricate placement experiences of their senior counterparts. The speakers were the SYMCA placed students of 2023-24, **Soumya Ranjan** (Accenture), **Tuaha Khan** (CleverTap), **Harsh Salesa** (Adenza), **Siddhartha Dubey** (Nomura), **Rohit Jaiswal** (Sapphire Tech), **Sakshi Kale** (Deloitte), **Sunny Halkatti** (Nomura), **Devendra Singh** (BNP Paribas), **Krushna Jadhav** (EDS), **Muskan Nathani (**Alight Solutions), **Mayuri Yelakdare** (Saint Gobain) and **Saraswati Balotiya** (IDfy),

(Top-Bottom, L-R): **Speakers of the session - Devendra Singh (MCA-SY), Harsh Salesa (MCA-SY), Krushna Jadhav (MCA-SY), Mayuri Yelaksare (MCA-SY), Muskan Nathani (MCA-SY), and Rohit Jaiswal (MCA-SY) guided juniors about the placement**

cornerstones of successful placements but also integral to professional growth. Seniors elucidated their diverse approaches to securing coveted placements, sharing insightful strategies that went beyond the conventional norms. The discussion delved into the core competencies and skills that seniors found pivotal in navigating the challenging landscape of recruitment.

Seniors provided nuanced insights into the art of crafting resumes tailored for specific job roles, emphasizing the importance of customization. The significance of undertaking meaningful projects during one's academic journey was highlighted, showcasing how such endeavors contributed to the seniors' success stories.

Seniors shared their comprehensive preparation routines for interviews and recommended resources that proved instrumental in their success.

(Top-Bottom, L-R): **Speakers of the session - Sakshi Kale (MCA-SY), Siddhartha Dubey (MCA-SY), Sunny Halkati (MCA-SY), Tuaha Khan (MCA-SY), and Saraswati Balotiya (MCA-SY) guided juniors about the core competencies and skills**

Workshop on Research Paper Writing

~Nikunj Pal

An event on **Writing a Research Paper on innovation and research** was held on January 12th 2024, at B42, 4th floor, VESIT from 11:30 to 2:00 by **Dr. Nadir Charniya** (Professor, Department of Electronics and Telecommunication) for the 4th yr student in collaboration with the **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell).** The session focused on key aspects of research writing, including selecting relevant topics, conducting comprehensive literature reviews, and structuring the paper effectively. He also provided detailed guidelines on formatting, such as font usage, spacing, and citation styles, stressing the importance of adhering to academic standards.

He also emphasized the need for incorporating feedback from supervisors and the research committee to enhance the quality of the research paper. He guided students on producing original work that makes a significant contribution to their field of study, highlighting techniques for ensuring originality and avoiding plagiarism.

Speaker of the event - Dr. Nadir Charniya (Professor, Department of Electronics and Telecommunication)

Robotics Simulation

~Riya Varyani

The "**Robotics Simulation Workshop**," held on January 29th and 30th, 2024, at Lab B21, **Department of Electronics and Computer Science**, marked the culmination of impactful events. Trainers **Soham Mhatre** (BE-ETRX), **Devendra Gawade** (TE-ETRX), and **Ajinkya Phadtare** (TE-ETRX) facilitated this comprehensive learning event aimed to impart knowledge and skills in robotics simulation, utilizing the Virtual Robot Experimentation Platform (VREP) and Python programming.

Participants were introduced to the versatile and powerful robot simulation software, VREP, and delved into Python programming essentials. The workshop covered a wide range of topics, including 3D simulation, creating realistic robotic models and environments, and hands-on sessions where participants built, modified, and simulated custom robots. The in-depth training on robot control techniques and scripting for enhanced functionality and performance provided participants with practical skills in robot simulation.

(L-R): **Speakers of the workshop Soham Mhatre (BE-ETRX), Devendra Gawade (TE-ETRX), and Ajinkya Phadtare (TE-ETRX)**

The event was well-received, with participants appreciating the depth of knowledge and hands-on experience provided. The workshop not only enhanced their technical skills but also inspired a deeper interest and enthusiasm for robotics and simulation technologies.

All participants after successful completion of workshop.

Hands on AIML with Winter School

~Vinit Solanki

AI CoLegion organized a **Hands-on Workshop on the basics of Artificial Intelligence (AI) and Machine Learning (ML)** on the 24th January and 25th January. The workshop aimed to make AI easy and accessible for everyone. The event kicked off on Day 1 with an introduction to AI and ML in general, covering the different types of AI and providing examples for each. The next topic was the types of data used in machine learning, followed by an explanation of data preprocessing. Basic concepts of data preprocessing were discussed, and participants were introduced to the pandas library. This was followed by hands-on coding sessions using numpy and matplotlib. Teaching Assistants (TAs) were present to ensure that everyone was on the same page and to help participants gain the maximum advantage from the offline workshop.

(Top-Bottom, L-R): **Senior speakers of the event - Sanika Dhuri (TE-AIDS), Dyotak Khachare (TE-AIDS), Khalid Syyed (TE-AIDS), Ashish Patil (TE-AIDS), and Prathmesh Gupta (TE-AIDS)**

The workshop was guided by the members of AI-CoLegion consisting of **Sanika Dhuri** (TE-AIDS), **Dyotak Khachare** (TE-AIDS), **Khalid Syyed** (TE-AIDS), **Ashish Patil** (TE-AIDS), **Prathmesh Gupta** (TE-AIDS), **Atharva Surve** (SE-AIDS), **Sami Thakur** (SE-AIDS), **Ayush Bohra** (SE-AIDS)

(L-R): **Junior speakers of the event - , Atharva Surve (SE-AIDS), Sami Thakur (SE-AIDS), Ayush Bohra (SE-AIDS)**

Day 2 began with an exploration of the intuitive idea of how intelligence is generated, highlighting the similarities between human intelligence and machine intelligence. The session then delved into key ML topics such as classification

and regression. Participants were taught to use the Scikit-Learn library with a hands-on example using the iris dataset for classification.

Additionally, a project on heart disease analysis was conducted. This project included an explanation of the confusion matrix and testing the accuracy of the built model. Participants learned to interpret the confusion matrix, which is crucial for evaluating the performance of classification models. Testing the model's accuracy was another key aspect. The workshop guided students through training, validating, and fine-tuning the model to improve its accuracy, providing practical experience with real-world machine learning scenarios.

Speaker - Khalid Sayyed (TE-AIDS) interactively teaching the participants

Equipping Students for Job Success

~Riya Varyani

Bridge The Gap, held on February 16, 2024, from 1:00 PM to 3:00 PM, was a collaborative effort between **QuestIT Cell, VESIT Training and Placement Cell, VESIT - Institution's Innovation Council, and VESIT - Internal Quality Assurance Cell**.The coordinators of this event was **Mrs. Vidya Pujari**(Assistant Professor, Department of Information Technology). The workshop aimed to educate attendees about securing jobs within the college campus. Organized and executed by the BE team of QuestIT, the event covered essential topics such as on-campus placement application procedures, field selection guidance, post-application processes, and interview preparation insights. **Urvi Pandit**(BE-INFT) and **Ghanishtha Talele**(BE-INFT) provided insights into Forcepoint, discussing their journey to landing the job and offering interview preparation tips along with technical and non-technical skill advice. **Sarvesh Patil**(BE-INFT) discussed Nomura, focusing on campus recruitment preparation, exam tips, DSA, resume creation, and the significance of participating in hackathons and competitions. **Shreyansh Singh (BE-INFT)** shared information about ISS, emphasizing effective interview techniques, DSA problem-solving tips, role understanding, confidence-building, and skill showcasing.

Khushi Mahamunkar(BE-INFT), also from ISS, shared interview experiences, aptitude and coding test tips, resume building advice, and domain focus importance. **Hrishikesh Kumbhar** (BE-INFT) discussed Dolat Capital, highlighting

DSA and aptitude practice, interview tips, and the importance of the placement process. **Shaun Dsouza**(BE-INFT) shared insights about Quicksell, discussing the interview process, risk handling, company culture, resume tailoring, and domain focus.

(Top-Bottom, L-R): Speakers of the event - Urvi Pandit(BE-INFT), Ghanishtha Talele(BE-INFT), Sarvesh Patil(BE-INFT), and Shreyansh Singh (BE-INFT)

(L-R): Speakers of the event - Khushi Mahamunkar(BE-INFT), Hrishikesh Kumbhar (BE-INFT), and Shaun Dsouza(BE-INFT)

Divisha Gupta (BE-INFT) shared IB insights, focusing on interview process management, DSA importance, and the significance of technical and non-technical skills. **Manav Tanna(BE-INFT)**

shared IVP insights, emphasizing confidence, technical and non-technical skills authenticity, resume honesty, and positive attitude importance.

Vinit Varyani (BE-INFT) discussed RXO, covering interview processes, company culture, group discussions, and resume customization. **Aditi Miniyar** (BE-INFT) provided insights into Deloitte's recruitment process, criteria, interview process, verbal ability importance, DSA significance, soft skills, and resume building tips.

(Top-Bottom, L-R): Speakers of the event -Divisha Gupta(BE-INFT), Manav Tanna (BE-INFT), Vinit Varyani (BE-INFT), and Aditi Miniyar (BE-INFT)

Coordinator of the event - Mrs. Vidya Pujari(Assistant Professor, Department of Information Technology)

CareerConnect 2024: Placement Insights

~Riya Varyani

CareerConnect was organized by QuestIT. This workshop is divided into two sessions: off-campus and on-campus. The faculty participants were **Mrs. Charusheela Nehete** (Assistant Professor, Department of Information Technology) and **Mrs. Vidya Pujari** (Assistant Professor, Department of Information Technology).

(L-R): Coordinators of the event - Mrs. Charusheela Nehete (Assistant Professor, Department of Information Technology) and Mrs. Vidya Pujari (Assistant Professor, Department of Information Technology)

On February 13th, 2023, from 1:00 PM to 3:30 PM, an event on off-campus internships and placements was presented. The speakers of off-campus workshop are **Manali Bhave** (BE-INFT) and **Kaustubh Bhilare** (BE-INFT).Topics discussed at the event included how to apply for off-campus internships and placements, deciding in what field to apply for once the application is accepted, what

process follows it, and what kind of things to keep in mind.

Speaker Manali Bhave (BE-INFT) explaining about interview process

Kaustubh Bhilare (BE-INFT) explains the roles and responsibilities

An on-campus placement session was held on February 16th, 2024, from 1:00 PM to 3:30 PM.The speakers of On-Campus session

are **Sarvesh Patil** (BE-INFT) and **Divisha Gupta** (BE-INFT). Topics included resume-building tips, interview preparation strategies, and an interactive Q&A session, offering attendees valuable guidance on navigating on-campus placement opportunities.

Speaker Sarvesh Patil (BE- INFT) explaining about resume

Speaker Divisha Gupta (BE-INFT) giving tips for interview

Unlocking DSA with CPP and JAVA Tools
~Riya Varyani

On February 9th, 2023, from 10:30 AM to 12:30 PM, a workshop titled **CodeMatrix** was organized by **Quest IT** to help the attendees solve DSA problems with the various tools and libraries provided by CPP and JAVA. The faculty participants was **Mrs. Charusheela Nehete** (Assistant Professor, Department of Information Technology). The speaker were **Soham Nimbalkar** (TE-INFT) and **Raghav Mundhara** (TE- INFT).

Topics discussed at the event included STL (standard template library) in C++ which provides Vector, Map, Stack, etc. And collections & maps in Java, which help in code reusability and saving time by providing various functionalities that are necessary for DSA.

Speaker teaching JAVA concepts to the participants

(Top-Bottom, L-R): Speaker - Mrs. Charusheela Nehete (Assistant Professor, Department of Information Technology), and student speakers were Soham Nimbalkar (TE-INFT) and Raghav Mundhara (TE- INFT)

Raspberry PI Workshop
~Riya Varyani

Tinkerer's Lab EXTC Department in association with **VESIT-IIC (Institution's Innovation Council)**, and **VESIT-IQAC (Internal Quality Assurance Cell)** organized a workshop called "**Prototyping with Raspberry Pi**". The workshop was held in 3 days. Day 1 & 2 - "**Raspberry Pi Interfacing**" held on 18th January 2024, and 19th January 2024 from 1.30 P.M. to 4.30 P.M. on each day. Day 3 - "OpenCV Workshop" was held on 27th January 2024.

The entire second year of the EXTC department attended this workshop which was hosted by **Siddhesh Shirshivakar** (TE-EXTC), on Day 1 & 2 and by **Ashish Nair** (TE-EXTC), on Day 3 at Tinkerer's Lab EXTC-VESIT .

Days 1 & 2 were about introducing the Raspberry Pi board, its fundamentals, programming, interfacing, and application of that knowledge to attendees. Considering it's a huge and important foundation, the workshop was held for sections A and B of EXTC SE on two different days i.e. 18th January and 19th January 2024 respectively. To make the most out of the workshop, the installation manual for Raspberry Pi was forwarded to the attendees well in advance. The attendees were also assisted in the installation process before the workshop by Tinkerer's Lab EXTC members. They were given brief but detailed information about Raspberry Pi's history, functioning, parts, and applications to understand its importance and widen their perspective of the mini-project application. Once the installation was completed, varied sensors were distributed such as ultrasonic sensors, etc.

Participants performing hands-on implementation on the Raspberry Pi

Day 3 was executed excellently under the instructions of Tinkerer's Lab EXTC, Ashish Nair (TE-EXTC). This day was meant to introduce attendees to the OpenCV library of programming functions for real-time computer vision. This was done to introduce the prime application of Raspberry Pi to attendees as many mini-projects have their fundamental working based on it. Overall, the entire workshop proved to be a success with efforts from both ends.

(L-R): Speaker of the workshop - Siddhesh Shirshivakar (TE-EXTC), and Ashish Nair (TE-EXTC)

Flutter Add on Course
~Brijesh Sharma

The **Flutter Add-on Course** was organized by the GDSC, CodeCell Tinkerer's of the Department of Computer Engineering under the guidance of **VESIT-IIC (Institution's Innovation Council) and IQAC (Internal Quality Assurance Cell)**. It was held over three days from 1st February to 4th February 2024 and provided an immersive learning experience in Flutter Application Development. Led by Flutter Lead at GDSC VESIT, **Devangana Barua** (BE-CMPN), the workshop aimed to equip participants with essential skills and knowledge in mobile app development. Throughout the 14-hour duration, attendees delved into various aspects of Flutter, starting with an introduction to its core concepts and advantages for cross-platform mobile application development. Essential Dart programming basics were covered, laying the foundation for building Flutter applications. The workshop was attended by more than **150 student**s making it successful.

The faculty speakers of the workshop were **Mrs. Veena Trivedi** (Assistant Professor, Department of Computer Engineering), **Mrs. Priti Joshi** (Assistant Professor, Department of Computer Engineering), **Mrs. Priyanka Nagda** (Assistant Professor, Department of Computer Engineering), **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering), **Mrs. Prerna Solanke** (Assistant Professor, Department of Computer Engineering), and **Mrs. Manisha Mathur** (Assistant Professor, Department of Computer Engineering). Hands-on sessions focused on widget implementation, including stateless and stateful widgets, enabling participants to create dynamic user interfaces effectively. A highlight of the workshop was the practical integration of Gemini AI functionalities into Flutter projects, demonstrating its potential to enhance app capabilities. Through project-based learning, attendees applied their newfound knowledge and skills to develop a Flutter application integrated with Gemini AI, reinforcing their understanding through real-world application.

Student Speaker of the workshop - Devangana Barua (TE-CMPN)

Under speaker's expert guidance, even complex concepts were broken down into manageable steps, ensuring participants remained engaged and enthusiastic throughout the workshop.

(Top-Bottom, L-R): Faculty Speakers of the workshop- Mrs. Veena Trivedi (Assistant Professor, Department of Computer Engineering), Mrs. Priti Joshi (Assistant Professor, Department of Computer Engineering), Mrs. Priyanka Nagda (Assistant Professor, Department of Computer Engineering), Mr. Richard Joseph (Assistant Professor, Department of Computer Engineering), Mrs. Prerna Solanke (Assistant Professor, Department of Computer Engineering), and Mrs. Manisha Mathur (Assistant Professor, Department of Computer Engineering)

Insightful Journey of Gemini

~Brijesh Sharma

Gemini Workshop Hands-on Workshop for Flutter Add-on Course was organized by the **GDSC, CodeCell Tinkerer's of the Department of Computer Engineering** under the guidance of **VESIT-IIC (Institution's Innovation Council)** and **IQAC (Internal Quality Assurance Cell).** It was held on 2nd February 2024 and provided an immersive learning experience in Google's Gemini. Led by Web Dev Lead at GDSC VESIT, **Piyush Chugeja** (TE-CMPN), the five-hour session offered attendees a comprehensive introduction to Generative AI and the Gemini platform. Participants gained a solid understanding of Generative AI, its applications, and its distinctions from other forms of AI. Through engaging discussions and hands-on sessions, they explored the features of the Gemini platform, including Gemini Pro and Gemini Pro Vision, discovering their potential for innovation.

One of the highlights was the practical integration sessions, where attendees learned to integrate the Gemini API using Python, enhancing their programming skills. The workshop also served as a platform for inspiration, motivating attendees to creatively apply AI technologies in their projects. Moreover, the event fostered community engagement, providing attendees with an opportunity to connect with peers and cultivate a collaborative environment for future endeavors.

Attendees departed with newfound knowledge, practical skills, and a spark of inspiration. The project they built—an email generator—demonstrated their ability to apply what they had learned in fun and meaningful way.

Speaker of the workshop - Piyush Chugeja (TE-CMPN)

Industrial Visits

Continuing the tradition, various departments at VESIT organized industrial visits to diverse locations this year. These visits are designed to teach students how engineering applications operate in the real world, providing invaluable hands-on experience and insight into their future careers.

Department of Electronics & Telecommunication Engineering organized an industrial visit to the **BSNL Satellite Earth Station** in Yeur, Thane. **Department of Information Technology** industry visit to **CETTM MTNL, Powai**. **Department of Computer Engineering** conducted industrial visit to 'Jio Platforms Private Limited', a leading technology company in Reliance corporate park,Ghansoli. **Department of Artificial Intelligence and Data Science** organized an Industrial Visit to the B**SNL Satellite Earth Station**. An industrial visit was organized to **IMA-PG India Private Limited** by the **Department of Electronics and Computer Science. Department of Automation and Robotics Engineering** conducted a visit to **Tecnik Valves and Sunrise Process Equipments** for **TE students** and to **Emersons Integrated Facility** for **BE students** for providing students with practical knowledge.

BSNL Satellite Station Visit

~Nikunj Pal

On 23 January 2024, the **Department of Electronics & Telecommunication Engineering** organized an industrial visit to the BSNL Satellite Earth Station in Yeur, Thane. This full-day event was specifically arranged for third-year and final-year students who are currently studying Satellite Communication in their final year. The visit aimed to bridge the gap between academic learning and industry expectations by providing students with practical experience and real-time exposure to satellite communication technology. The event was coordinated by **Dr. Rajan Bala Jain** (Professor, Department of Electronics Engineering) and **Mrs. Arti Sawant** (Assistant Professor, Department of Electronics and Telecommuniactions Engineering), with BSNL staff members serving as speakers.

BSNL's Yeur in Thane, the Satellite Communication Center, is the backbone of the modern communication infrastructure in India. The center works in close collaboration with the IP Star India and provides nationwide VSat connectivity to improve long distance telecommunication services in India. Led by experienced professionals, this center is a symbol of commitment to smooth connectivity and dependable communication networks.

(L-R): Coordinators of the event - Dr. Rajan Bala Jain (Professor, Department of Electronics Engineering) and Mrs. Arti Sawant (Assistant Professor, Department of Electronics and Telecommuniactions Engineering)

During the visit, students had the opportunity to explore various sections of the facility, including the Operation Center, VSAT, and GeoSat antenna.

A total of **50 students** participated in the visit, and the feedback was overwhelmingly positive. The exposure to the workings of a real satellite communication setup not only reinforced their classroom learning but also provided them with valuable insights into the industry.

Students at "BSNL Satellite Earth Station" along with faculty

Telecom Technology in Action

~Riya Varyani

An industry visit to "**CETTM MTNL, Powai**" was organized by the **Department of Information Technology** of Vivekanand Education Society's Institute of Technology on 22 February 2024. The coordinators of this industrial visit are **Dr. Shalu Chopra** (Head, Department of Information Technology), **Mrs. Anushree Prabhu** (Assistant Professor, Information Technology), **Mrs. Sneha Pakle** (Assistant Professor, Information Technology), and **Mrs. Bharti Raut** (Assistant Professor, Information Technology). Many students and four faculties visited the CETTM MTNL to interact with the delegates of the telecommunications industry, where they provided information about the current scenario of technologies and their future advancements. Students were made familiar with the latest telecom technologies. Practical exposure to concepts such as digital telephone exchanges, transmission technologies, wireless technologies, and broadband FFTTH was given, which was divided into four different sessions starting with the introduction. CETTM MTNL Powai conducted very informative sessions for the students.

Students at "CETTM MTNL, Powai" along with faculty

(L-R): Coordinators of the visit - Dr. Shalu Chopra (Head, Department of Information Technology), Mrs. Anushree Prabhu (Assistant Professor, Information Technology), and Mrs. Sneha Pakle (Assistant Professor, Information Technology)

During the visit, students got an idea about local telephone exchange, broadband (DSLAM), PCM/OFC/DDWDM, BTS (GSM System), MDF, battery power plants, and the and the NIB cloud unit (Mumbai Zone). The visit provided students

with first-hand knowledge of industry operations and processes. They had the opportunity to interact with professionals and experts in the field, gaining valuable insights into career paths and opportunities in the telecommunications sector.

The visit to CETTM MTNL Powai was a transformative experience, providing SE students with practical knowledge and inspiring future career aspirations.

VESIT's Visit to Jio Platforms

~ Srushti Chopade

An industrial visit to 'J**io Platforms Private Limited**', a leading technology company in Reliance corporate park,Ghansoli was organized by **Department of Computer Engineering**, VESIT on 30 January 2024.

In total 20 of the students along with faculty members, **Mr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering) and **Ms. Geocey Shejy** (Assistant Professor, Department of Computer Engineering) from the Department Of Computer Engineering had the opportunity to visit Jio Platforms Private Limited, a leading technology company in Reliance corporate park,Ghansoli.

The visit aimed to gain insights into the operations, technologies, and innovations driving Jio Platforms Private Limited, a subsidiary of Reliance Industries Limited. As one of India's largest and fastest-growing tech companies, Jio Platforms has revolutionized telecommunications and digital services through cutting-edge technologies and innovative strategies. The company offers high-speed internet, digital content, cloud services, e-commerce, and digital payments, serving millions across India.

Students at Jio Platforms Private Limited along with faculty

Students were warmly welcomed by Jio Platforms Private Limited's representatives, Mr. Rukmana Khatrol, who provided an overview of the company's history, vision, and mission. Led by Jio employees, they toured the 5G innovation hub, exploring advancements like True 5G and optic fiber solutions. They explored advancements like True 5G, optic fiber solutions, and technological marvels such as the IMRU and CCDU, highlighting Jio's commitment to providing efficient and affordable connectivity.

Students explored Jio's societal contributions through initiatives like GauSamruddhi and the Krishi app, alongside innovative ventures like JioMart and smart homes.

(L-R): Coordinators of the visit - Mr. Prashant Kanade (Assistant Professor, Department of Computer Engineering) and Ms. Geocey Shejy (Assistant Professor, Department of Computer Engineering)

Satellite Communication Industrial Visit

~Suhanee Kandalkar

On March 26, 2024, the **Department of Artificial Intelligence and Data Science** organized an Industrial Visit to the "B**SNL Satellite Earth Station**.". Led by faculty members **Mr. Ajinkya Valanjoo** (Assistant Professor, Department of Artificial Intelligence and Data Science) and **Mr. Amit Singh** (Assistant Professor, Department of Artificial Intelligence and Data Science), the visit was specifically arranged for the third-year students of Batch 2023–24. Commencing at 11 am, the visit began with a prayer attended by students, faculty, and employees, setting a respectful and focused tone for the day's activities.

The primary objective of the visit was to bridge the gap between theoretical understanding and practical application by familiarizing students with the operational intricacies of satellite communication systems. This aligned with the department's commitment to exposing students to the latest technological advancements in the field. The program started with an enlightening lecture titled "Introduction to Satellite Communication," delivered by Mr. Swapnil Patil (Junior Telecom Officer, BSNL). Mr. Patil provided comprehensive insights into satellite communication and detailed the operations of the Earth Station. Notably, Yeoor Earth Station utilizes C-Band and IPStar technology, offering wireless satellite communication services to Port Blair in Andaman and Nicobar Island with a bandwidth speed of 34 Mbps.

During the lecture, the crucial need for satellite communication was underscored, emphasizing its extensive area coverage, universal accessibility, and cost efficiency compared to terrestrial communication systems. Mr. Patil also elaborated on the classification of satellites based on their orbits, explaining the functionalities and applications of satellites in the Lower Earth Orbit (LEO), Medium Earth Orbit (MEO), and Geostationary Earth Orbit (GEO).

Students at "BSNL Satellite Earth Station" along with faculty

Furthermore, students were provided insights into the components of satellites, including the support system consisting of propulsion, altitude control, thermal control, power subsystem, telemetry, tracking, & control, as well as the payload comprising an antenna and transponder.

Following the lecture, students were divided into groups for a guided tour of various laboratories and antenna sites within the Earth Station premises. Led by experts Mr. Mahesh Shinde, Mr. Swapnil Patil, and Mr. Satish Gangam, students gained hands-on experience and practical insights into satellite communication technology.

(L-R): Coordinators of the visit - Mr. Ajinkya Valanjoo (Assistant Professor, Department of Artificial Intelligence and Data Science) and Mr. Amit Singh (Assistant Professor, Department of Artificial Intelligence and Data Science)

The laboratories visited included the OFC Equipment Room, Satellite Equipment Room, and Antenna Site. Each location offered a unique perspective on the equipment and infrastructure involved in satellite communication systems. Students observed and interacted with sophisticated equipment such as routers, modems, spectrum analyzers, and antennas, deepening their understanding of the subject matter.

The visit ended with gratitude extended to the station members for their hospitality, followed by a group photo to cherish the experience.

ECS Students Explore IMA-PG India

~Vinayak Panchal

On 2nd February, 2024, an Industrial visit was organized to **IMA-PG India Private Limited** by the **Department of Electronics and Computer Science** and Industry Institute Collaboration Cell (IIC) coordinators, **Dr. T Rajani Mangala** (Professor, Department of Electronics and Computer Science Engineering) and **Dr. Asawari Dudwadkar** (Assistant Professor,Department of Electronics and Computer Science Engineering), for the students of BE final year students.

The visit aimed to provide students with practical insights into pharmaceutical packaging machinery. And was accompanied by faculty members **Dr. Asawari Dudwadkar** (Assistant Professor, Department of Electronics Engineering)**, Mr.Prasad Godse** (Assistant Professor, Department of Automation and Robotics Engineering) and **Mr. Yogesh Pandit** (Assistant Professor, Department of Electronics and Computer Science Engineering). The participants were **52 students** and the faculties.

The industrial visit commenced promptly at 10:00 AM for Batch A and 2:00 PM for Batch B, at IMA-PG's seminar hall. The session commenced with an engaging introductory speech. It delved into the significance of blister packaging and pharmaceutical packaging in the healthcare industry, emphasizing the critical role of precision

and efficiency in these processes. He also explained the strategic collaboration between IMA-PG India Private Limited and IMA SpA, underscoring the company's commitment to engineering excellence and. customer-centricity.

Students at "IMA-PG India Private Limited" along with faculty

Subsequently, the shop floor visit provided students with a firsthand experience of the various machinery utilized in pharmaceutical packaging. As students traversed through the shop floor, they were introduced to an array of machines, including blister packing machines, automatic cartoning machines, tube filling machines, tablet counting lines, and case packers. He meticulously explained the intricate workings of these machines, elucidating the role of PLCs, VFDs, relays, SMPS, and other essential components.

Overall, the visit helped students to learn about the machinery used in IMA-PG India Private Ltd.

(L-R): Faculty coordinators - Dr. Asawari Dudwadkar (Assistant Professor, Department of Electronics Engineering), Mr. Prasad Godse (Assistant Professor, Department of Automation and Robotics Engineering) and Mr. Yogesh Pandit (Assistant Professor, Department of Electronics and Computer Science Engineering)

AURO Students Insightful Industrial Visit

~Vinayak Panchal

An industrial visit to **Tecnik Valves and Sunrise Process Equipments** was organized on February 16, 2024 by the **Department of Instrumentation Engineering**, the visit aimed to provide **third-year students** with firsthand insights into the manufacturing processes of control valves and welded equipment, crucial to industries such as steel, petrochemicals, and power generation.

Under the guidance of **Dr. Kadambari Sharma** (Assistant Professor, Department of Automation and Robotics Engineering) and **Mrs. Jayassre Ramakrishnan** (Assistant Professor, Department of Automation and Robotics Engineering), faculty coordinators from VESIT, the visit commenced early morning with eager anticipation. The journey took the students to Boisar, Tarapur MIDC, where they were divided into two groups. The first group commenced their tour at Tecnik Valves, renowned for its expertise in designing and producing a wide range of valves tailored for diverse sectors including pharmaceuticals, chemicals, and oil & gas.

At Tecnik Valves, students were immersed in a comprehensive learning experience. They witnessed the meticulous testing procedures such as vacuum, air, and water leakage tests to ensure the integrity of valve castings. Students also gained insights into production timelines and quality control measures, witnessing firsthand the assembly and testing of various valve components.

(L-R): Coordinators of the visit - Dr. Kadambari Sharma (Assistant Professor, Department of Automation and Robotics Engineering) and Mrs. Jayassre Ramakrishnan (Assistant Professor, Department of Automation and Robotics Engineering)

A significant highlight was the interactive session where students learned about customer requirements and the intricate selection process for valves. They were introduced to Convel software

for valve calculations based on specific operational parameters, enhancing their understanding of practical applications in valve engineering.

The second leg of the visit took the students to Sunrise Process Equipment, where they delved into the manufacturing of heat exchangers, pressure vessels, and reactors. The sight of functional heat exchangers and boilers provided a tangible link between theoretical knowledge and real-world industrial setups, enriching their academic journey significantly.

Students at along with faculty at Tecnik Valves and Sunrise Process Equipments

BE Students Visit to Emerson Integrated Facility

~Vinayak Panchal

The **Department of Automation & Robotics** in association with the **VESIT Institution's Innovation Council** and **VESIT Internal Quality Assurance Cell**, organized an enriching field visit to **Emerson Integrated Facility** in Talegaon on 14th February 2024. This visit aimed to provide students with an in-depth understanding of the cutting-edge operations, processes, and technologies utilized by a global leader in engineering and manufacturing solutions. Under the guidance of **Mr. Prasad Godse** (Assistant Professor, Department of Automation and Robotics Engineering), and the valuable insights shared by **Mr. Sagar Jorapur** (Manager, Wireless & Digital Marketing at Emerson), the visit proved to be a transformative experience for the participants.

Upon arrival, the students were warmly received by the Emerson team and treated to refreshments. The day's proceedings began with a comprehensive safety briefing, emphasizing the importance of adhering to safety protocols and emergency procedures. The students were divided into two groups, facilitating a more interactive and personalized tour. The initial session featured an introduction to Emerson's operations, highlighting their expertise in various domains such as isolation valves, actuators, measurement solutions, flow

measurement instruments, and plastic welding solutions. The students were given a detailed overview of Emerson Integrated Measurement and Control (EIMC), showcasing their commitment to international standards like ISO 45001:2018 for occupational health and safety management, and ISO 14001:2015 for environmental management.

(L-R): Coordinator of the visit - Mr. Prasad Godse (Assistant Professor, Department of Automation and Robotics Engineering), and Mr. Sagar Jorapur (Manager, Wireless & Digital Marketing at Emerson) shared valuable insights with the students

The site tour provided a hands-on experience, with students visiting different sections of the facility. They observed the production processes, from the initial stages of blasting and painting to the intricate workings of the lean lift and VNA storage systems. They witnessed the meticulous assembly and quality assurance procedures that ensure the reliability and efficiency of Emerson's products.

Additionally, students observed the state-of-the-art production monitoring systems that utilize the latest technologies for real-time information on key performance indicators, production targets, and safety alerts.

Mr. Sagar Jorapur elaborated on the company's initiatives to enhance efficiency and reduce environmental impact, aligning with global standards and sustainable development goals. The visit concluded with an engaging discussion led by Mr. Sagar Jorapur, who elaborated on Emerson's sustainability initiatives and potential collaboration opportunities. The students also had the chance to interact with a senior HR team member, gaining insights into the company's culture and values.
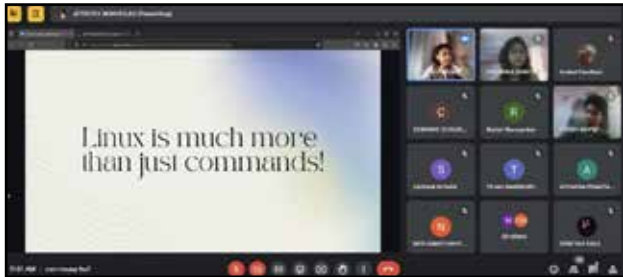

Students at along with faculty at Emerson Integrated Facility

Linux and Career Prospects

~Brijesh Sharma

ISA-VESIT hosted the '**Linux Leap**' session on January 5th, 2024, featuring **Attreyee Mukherjee** (TE-CMPN), a student at VESIT and an intern at IIT Madras. Attreyee shared her journey into the Linux domain, discussing operating systems, internship experiences, and hardware-software interfacing. The session provided attendees with a comprehensive understanding of Linux and career prospects in the field.

Speaker of the session - Attreyee Mukherjee (TE-CMPN) a student at VESIT and an intern at IIT Madras

Students attending the session

3D Printing Workshop

- Vinayak Panchal

The ISA-VESIT's '**3D Printing' workshop,** held on 23rd and 24th January 2024, offered an in-depth exploration of additive manufacturing and 3D modeling techniques. The workshop, conducted by **Hritika Mulay** (TE-EXTC) and **Gaurav Singh** (TE-EXTC) students, provided participants with practical skills and hands-on experience in creating and printing 3D models.

During the workshop, participants were introduced to the fundamentals of additive manufacturing, understanding the process of creating three-dimensional objects by layering materials based on digital models. The workshop also covered detailed instructions on using TinkerCad and FreeCad software, two powerful tools for 3D modeling. Hritika and Gaurav guided attendees through the intricacies of designing complex models, ensuring that even those new to 3D printing could grasp the concepts and techniques involved. The sessions included interactive components where participants could design their models and bring their ideas to life through 3D printing.

Participants gained valuable insights into designing, prototyping, and producing intricate 3D models, preparing them for future technological advancements.

(L-R): Speaker of the event - Hritika Mulay (TE-EXTC) and Gaurav Singh (TE-EXTC)

VR Quest

- Vinayak Panchal

ISA-VESIT's **'VR Quest' workshop**, conducted on 15th February and 16th February 2024, offered participants a deep dive into the world of virtual reality. The workshop focused on mastering the basics of the Unity game engine, a powerful platform used for creating immersive VR experiences. Attendees learned how to create VR games from scratch, starting with foundational concepts and progressing to more techniques. The workshop was led by **Himesh Pathai** (SE-INFT), and **Sunil Makhija** (SE-INFT).

One of the key highlights of the workshop was the integration of VR games with VR headsets, providing participants with hands-on experience in bringing their virtual creations to life.

In addition to technical skills, the workshop also explored the future of VR technology and its broad range of applications across various industries such as gaming, education, healthcare, and entertainment.

The immersive nature of the 'VR Quest' workshop ensured that attendees left with a solid understanding of VR technology, practical experience in VR game development, and a vision of how VR can be applied innovatively in the future. This comprehensive learning experience empowered students to further explore the field of virtual reality with confidence and creativity.

(L-R): Speaker of the workshop - Himesh Pathai (SE-INFT), and **Sunil Makhija** (SE-INFT)

Devhub India Tour

- Vinayak Panchal

The **DevHub: India Tour - Mumbai Edition**, in collaboration with **Starknet** and **OnlyDust,** took place on January 24th, 2024, from 3:30 pm to 5:00 pm in room B32. This engaging event focused on key topics such as Web3 wallets, Cairo programming language, and the essentials of OnlyDust and Rust.

The workshop was led by esteemed speakers **Laksh Dilliwal** (Web3 Community Manager) and **Hardik Sharma** (Starknet Community Contributor). They provided valuable insights into the latest developments in the Web3 space, offering attendees a comprehensive understanding of these emerging technologies.

Seventy participants attended the event, benefiting from the informative sessions and interactive discussions. Additionally, attendees were treated to food, goodies, and stickers, making the experience both educational and enjoyable.

The DevHub event not only enhanced participants' knowledge but also fostered a sense of community and collaboration among Web3 enthusiasts. It provided a platform for networking, idea exchange, and building connections with like-minded individuals passionate about Web3 and decentralized technologies and inspired to explore the vast potentials of the Web3 space.

(L-R): Speakers of the event - Laksh Dilliwal (Web3 Community Manager) and Hardik Sharma (Starknet Community Contributor)

Let's Excel

-Srushti Chopade

Advanced Excel is one of the most important tools in data visualization that students ignore. IEEE brought this topic into the minds of students to connect them back to the basics. The workshop **Advanced Excel** conducted by IEEE was held on 21st and 22nd February 2024 in B32.

On the first day of the workshop, **Yash Uskelwar** (TE-INFT) brushed up on some basic excel commands and taught participants some advanced commands one must know for effective use of excel. **Prasad Gourshettiwar** (TE-ETRX) then continued and taught participants to clean up, normalize and make data visually appealing and easy to understand using just commands.

On day 2, Prasad Gourshettiwar (TE-ETRX) continued and taught dashboard generation and visualization of data graphically. In total 11 participants were present for the workshop.

(L-R): Speakers of the event - Yash Uskelwar (TE-INFT), and Prasad Gourshettiwar (TE-ETRX)

Vizulan with Tablauea

-Srushti Chopade

One of the booming domains in the current world is of Data Analytics and keeping up with the trends, **IEEE-VESIT** conducted a **Tableau workshop** to introduce students to data visualization. The workshop was held on 12th and 13th of February 2024, from 2:30 pm onwards in room B31

In this workshop, participants were taught the basics of Tableau and how to create a dashboard and graphs on various parameters using a very large dataset.The workshop was conducted by **Avantika Sharma** (SE-ETCS) , **Shantanu Bhosale** (SE-CMPN), **Tejas Chorge** (TE-EXTC) and **Kirti Eppanapelli** (TE-INFT).

Avantika and Shantanu gave an introduction to the world of data analytics and visualization and how tableau is an effective tool for beginners.

(L-R): Avantika Sharma (SE-ETCS), and Shantanu Bhosale (SE-CMPN) gave introduction to the participants

Tejas and Kirti used a dataset containing information of Netflix users and their show

preferences to create a dashboard and dynamic graph that can change according to new inputs to the data set automatically. Overall, **19 participants** attended the workshop.

(L-R): Tejas Chorge (TE-EXTC) and Kirti Eppanapelli (TE-INFT) taught the participants with a real-time data

MERN Marvel

- Vinayak Panchal

CSI-VESIT's **MERN Marvel workshop**, held from 8th to 9th February and 12th to 13th February, provided participants with an immersive experience in modern web development. The workshop focused on the MERN stack, which includes JavaScript, React, Node.js, Express, MongoDB, and Mongoose. This comprehensive approach ensured that attendees gained a deep understanding of both frontend and backend development essentials.

Led by skilled officers, the workshop covered a wide range of topics essential for modern web development. **Sumeet Kumar Singh** (TE-INFT) and **Niyati Gaonkar** (TE-INFT) taught about the Express and the basics of Javascript was taught by **Karan Bhatia** (TE-AIDS). **Dhruva Choudhary** (TE-AIDS) gave his insisghts about the React and **Sagar Rajak** (SE-AIDS) taught about MongoDB.

Node JS was taught by **Ashish Patil** (BE-AIDS).

(L-R): Sumeet Kumar Singh (TE-INFT) and Niyati Gaonkar (TE-INFT) taught about the Express and Ashish Patil (BE-AIDS) taught baout Node JS

Participants were introduced to JavaScript, the cornerstone of web programming, and learned how to use React to create dynamic and responsive user interfaces. The sessions on Node.js and Express equipped attendees with the knowledge to build robust backend services, while MongoDB and Mongoose were covered to provide

insights into managing databases effectively. Throughout the four days, the officers ensured that each participant received personalized guidance and support, fostering a collaborative learning environment. This approach helped attendees master the technical aspects of web development. The workshop proved to be a success and provided participants with the skills of creating a MERN stack app.

(L-R): Karan Bhatia (TE-AIDS) taught basics of Javascript, Dhruva Choudhary (TE-AIDS) shared his insights on React and Sagar Rajak (SE-AIDS) taught about MongoDB

SATELLITE COMMUNICATION: AN OVERVIEW

Satellite communication has revolutionised the way we connect and communicate over long distances, playing a crucial role in global communications infrastructure. It involves the use of satellites to relay signals between distant locations on Earth, enabling reliable and efficient transmission of data, voice, and video. One of the key benefits of satellite communication is its ability to provide coverage to remote and underserved areas where traditional terrestrial communication networks are impractical or cost-prohibitive.
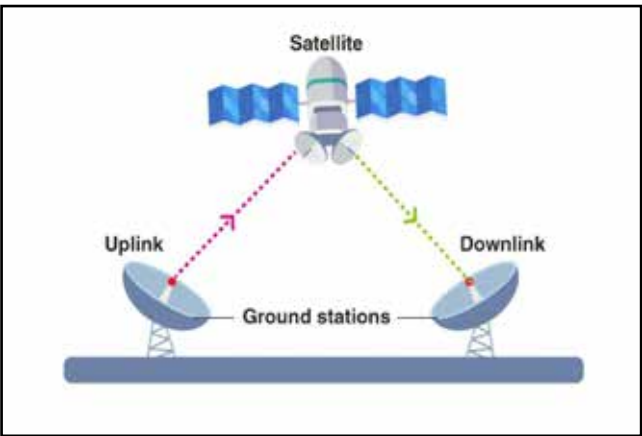
The operation centre is the hub of satellite communication, managing and controlling the satellite's functions and the overall network. It ensures the seamless transmission of data between the satellite and ground stations. The Very Small Aperture Terminal (VSAT) is a type of ground station that uses small dish antennas to receive and transmit data to satellites. VSATs are widely used for various applications, including internet access, telephony, and private network communications, particularly in remote locations.

A critical component of satellite communication is the Geostationary Satellite (GeoSat) antenna, which is positioned in a fixed location relative to the Earth's surface. This allows for consistent and reliable communication with a specific area. GeoSats orbit the Earth at the same rotational speed as the planet, maintaining a constant position over a particular geographic region. This stability makes them ideal for

broadcasting and telecommunications, as they provide continuous coverage to the same area.

The mechanism of satellite communication involves several steps. First, data is transmitted from a ground station to the satellite using an uplink frequency. The satellite then amplifies and retransmits the signal back to the Earth's surface using a downlink frequency. Ground stations equipped with antennas, such as VSATs, receive the downlinked signals and distribute the data to the end users. This process ensures that information can be transmitted across vast distances with minimal delay and high reliability.

Below is a simplified diagram illustrating the basic mechanism of satellite communication:

Basic mechanism of Satellite Communication

One of the primary benefits of satellite communication is its ability to provide coverage over large geographic areas. Unlike terrestrial networks, which require a dense network of towers and cables, a single satellite can cover entire continents or oceans. This makes satellite communication particularly useful in remote and rural areas where traditional communication infrastructure is challenging to install. Satellite phones and internet services enable connectivity in isolated regions, aiding in disaster response and remote operations. Additionally, satellite communication offers high reliability, with satellites positioned in geostationary or low Earth orbits, providing consistent and uninterrupted service. This reliability is crucial for applications such as weather forecasting, navigation systems, and military communications, where disruptions can have significant consequences.

India, with its vast population exceeding 1.4 billion, continues to grapple with a significant digital divide. Despite rapid advancements in technology, only about 50% of the population has internet access. This gap poses a considerable challenge to the country's socio-economic development. Enter Starlink, SpaceX's ambitious satellite constellation project, which aims to provide high-speed, reliable internet access to even the remotest corners of the globe. As Starlink sets its sights on the Indian market, it promises to revolutionize internet connectivity across the nation.

Starlink, developed by SpaceX, is a satellite constellation designed to deliver high-speed, low-latency internet to users worldwide. Utilizing a network of low-Earth orbit (LEO) satellites, Starlink aims to offer internet service that surpasses traditional satellite internet in terms of speed and latency. As of June 2023, SpaceX has launched over 4,000 Starlink satellites, with plans to deploy a total of 12,000, potentially expanding up to 42,000 satellites in the future.

Starlink is currently available in several countries, including the United States, Canada, the United Kingdom, Germany, and Australia. In June 2023, Elon Musk, CEO of SpaceX, met with Indian Prime Minister Narendra Modi to discuss the possibility of introducing Starlink to India. Given India's substantial population and increasing demand for internet connectivity, the market presents a significant opportunity for Starlink to make a profound impact.

Potential Benefits for India:

Starlink has the potential to bridge the digital divide in India by providing internet access to rural and remote areas where traditional broadband services are unavailable or unreliable. This could bring millions of Indians online for the first time, fostering economic growth and improving quality of life. India's terrestrial internet infrastructure is susceptible to natural disasters, infrastructure failures, and deliberate attacks. Starlink's satellite-based system can provide an alternative or backup option, enhancing the resilience and redundancy of the country's internet connectivity. Reliable internet access is crucial for economic development. By providing high-speed internet to underserved areas, Starlink can empower businesses and individuals to participate in the global marketplace, driving economic growth and innovation. High-speed internet access can significantly improve education and healthcare services in India. Starlink can enable online learning opportunities for students in remote areas and facilitate telemedicine services, ensuring better healthcare access for rural communities. In times of natural disasters, Starlink can provide

Comparison between Average Indian Satellite and Starlink

Features	Average Indian Satellite	Starlink
Number of satellites in orbit	1400	2000
Target coverage	India	Most of the world
Expected Download Speeds	50-100 mbps	50-150 mbps
Expected latency	50-100 milliseconds	20-40 milliseconds
Monthly subscription price	Starts at $10	&99
One-time equipment fee	$200	$499

crucial communication services to affected areas, aiding in disaster relief efforts and ensuring that essential supplies reach remote communities.

Environmental and Ethical Considerations:

The deployment of thousands of Starlink satellites raises several environmental and ethical concerns. The large number of satellites in Starlink's constellation increases the risk of space debris, which could pose a threat to other satellites and spacecraft. The radio waves emitted by Starlink's satellites could interfere with other radio communications, such as those used by airplanes and ships, potentially impacting safety. Additionally, Starlink's satellites reflect sunlight, making them visible in the night sky and potentially interfering with astronomical observations. Beyond the physical impacts, there are ethical implications to consider. Starlink's technology could be used for military or government purposes, raising concerns about surveillance and the spread of propaganda. Furthermore, the potential for radio interference with critical communications systems poses ethical questions about the broader impact of the technology.

Transforming Connectivity:

Starlink represents a promising new technology with the potential to revolutionize internet access in India. If SpaceX can navigate regulatory hurdles, reduce costs, and address technical challenges,

Starlink could play a transformative role in bridging India's digital divide. The benefits of enhanced connectivity, economic development, improved education and healthcare, and disaster relief efforts make Starlink's potential impact significant.

As Starlink continues to expand its global footprint, its success in India could serve as a model for bringing high-speed internet access to other developing countries. By overcoming the challenges and leveraging its cutting-edge technology, Starlink has the power to uplift communities, drive economic progress, and create a more connected and equitable world. If implemented effectively, Starlink could pave the way for innovative solutions to global connectivity issues, demonstrating the potential for satellite technology to address significant digital disparities.

In summary, satellite communication offers numerous benefits, including extensive coverage, reliability, and the ability to connect remote areas. The operation centre, VSAT, and GeoSat antenna are key components that facilitate the efficient transmission of data. The mechanism involves transmitting signals from ground stations to satellites and back, ensuring seamless global communication. Starlink represents a beacon of hope for millions of people seeking reliable internet access. The journey will not be without its challenges, but the potential benefits far outweigh the risks. As we anticipate an exciting future for connectivity, Starlink stands poised to make a lasting and meaningful impact on the nation's digital landscape.

EXTRACURRICULARS

A Journey of Wit and Expression

~Srushti Chopade

Talks and Tales conducted by **VESLang circle** was a 3 day event held from 31 January to 2 February 2024, consisting of engaging and fun activities which were designed to test creativity and impromptu skills in a very fun way.

Day 1 of Talks and Tales, the fascinating **"SWIFT WIT"** showcased a dynamic trio of rounds, commencing with 'Guess the Imposter,' where participants exercised their deductive skills based on word descriptions. The 'Questionnaire round' involved participants alternating questions without making declarative statements, blending humor and competition. The **'AdMad Show'** aimed to create an ad for a randomly selected product with two assigned emotions.

The **"BUZZTIME"** event, featured three rounds, with the first focusing on Bollywood, fostering a lively atmosphere with no penalties for incorrect responses. The second round of college-

themed quizzes added excitement by introducing deductions for incorrect answers and offering insights into VESIT. The grand finale was a challenging 15-minute puzzle and riddle challenge for all team members to solve. Participants demonstrated quick thinking and adaptability in each round, resulting in an entertaining Talks and Tales Day 2 that was a resounding success.

Engaged participants competing in BuzzTime

The grand finale, '**JUZZBAAT**,' unfolded on the last day, transforming the venue into an openmic odyssey where talent knew no bounds. From soulful melodies to poetry, participants poured their hearts out, leaving the audience captivated. The event concluded with the announcement of the well-deserved winners, who etched their names into the legacy of Talks and Tales.

Participants Talents shining at Open Mic.

College Kanoon

~Srushti Chopade .

On 31st January 2024, the **UHV VESIT Club** hosted the event "**COLLEGE KANOON"** in the amphi theatre, aiming to promote the college's code of conduct and dress code. Various interactive stations were set up to engage students in a lighthearted and enjoyable manner while educaing

Interactive quiz with participants conducted by the members

them about the rules.

A highlight of the event was the photo booth, where participants could take pictures and share them on social media to raise awareness about the importance of the college's code of conduct. Adjacent to the photo booth was a questionnaire station, challenging participants' knowledge of the college's policies.

The interactive game provided both entertainment and education, with participants enjoying themselves while gaining insights into the code of conduct. Those who answered all questions correctly were rewarded with small presents, encouraging participation and learning Approximately **80-85 individuals** participated, and feedback from 70 attendees was overwhelmingly

positive. Many expressed their enjoyment and appreciation for the event's innovative approach to promoting the college's code of conduct.

Winners receiving prizes for the quiz

VESLit Week

~Srushti Chopade .

VESLit Circle hosted its flagship event the VESLit Week, from 5th February to 10th February offering a diverse array of events that captivated participants. The events included in the literature week were **Vivaad, Murder mystery, Game of shows, Policy pandemonium, and Mad over Marketing**. The week kicked off with "Vivaad," a dynamic debate session where intellects clashed in compelling discussions. "Murder Mystery" added a thrilling twist, engaging attendees in solving a fictional crime, the first day consisted of character descriptions and details and participants were given 24 hours to describe the murder and expose the killer! "Game of Shows" was a fun quiz event which included questions from various sitcoms, web-series across the globe. "Policy Pandemonium" delved into the complexities of socio-political discussions. The week concluded with "Mad Over Marketing" finals wherein the participants were given a total budget, using this budget the participants had to pitch their marketing strategy to revive their brand, showcasing the fusion of creativity and literature.

VESLit Circle successfully blended intellectual discourse, entertainment, and creativity,

providing a rich literary experience for participants and fostering a deeper appreciation for literature.

Winners - Kamya Gupta (FE-ETCS) and Preethika Khilnaney (FE-CMPN) of Vivaad with VESLit team

Kamya Gupta (FE-ECS) **and Preethika Khilnaney** (FE-CMPN) won the Vivaad and **Sairaj Deshpande** (TE-CMPN) won the Policy Pandemonium. The winner of Mad over Marketing was team of **Soham Shetty** (TE-INFT) and **Aakruti Dabas** (SE-INFT). **Aaryan Ghogle** (TE-ETRX) and **Utsav Mutadak** (TE-EXTC) won the Game of Shows.

Winners of Game of Shows- Aryan Ghogle (TE-ETRX) and Utsav Mutadak (TE-EXTC) getting felicitated by Noel Dason (Head, VESLit) and Ananya Pandey (Deputy Head, VESLit)

Winner of Policy Pandemonium - Sairaj Deshpande and Winners Soham Shetty (TE-INFT) and Aakruti Dabas (SE-INFT) of Mad over Marketing getting felicitated by Noel Dason (Head, VESLit) and Ananya Pandey (Deputy Head, VESLit)

VESIT's Musical Extravaganza

~Srushti Chopade .

Musical Misfit is a fun activity conducted by the **VESIT Music Council.** This year it was organized on February 14th, 15th and 16th, 2024. The event had various fun games with a musical theme , played over three days in the Amphitheatre. The event is conducted with the motive of encouraging non-music background students to explore their interests in music and have fun at the same time.

The event includes fun activities such as **Lyrical Slicer, Musical Island, Emoji Challenge, Treasure Hunt** etc.

Various Fun Events along with Treasure Hunt and Housie were the Major attractions and the events were well organized by Music Council. Participants enjoyed the event along with Selfie point and games arena.

Final Round of Groovy Games

Basic Photography Workshop

~Srushti Chopade .

VESIT Photo Circle conducted the **Basic Photography Workshop** on 12th February 2024, from 3pm onwards in our college auditorium, and there were around **200+ registrations and 100+ students** joined in. Covering the ABCs of photography, as well as editing and video editing, the workshop aimed to equip attendees with essential skills and knowledge to excel in visual storytelling. From cool styles to the basics of editing, we covered it all.

Participants attending the workshop.

VESIT PhotoCircle Head - Rajat Mhatre (BE-EXTC) giving the insights of photography.

The workshop was like a big playground for everyone to learn and try out different things with their cameras. We made sure to keep it super interactive, showing live demos and giving handy tips. Feedback from participants was overwhelmingly positive, with praise for the comprehensive content, engaging delivery, and expert instruction provided by our team. The workshop served as a testament to VPC's commitment to empowering photography enthusiasts.

Aim of the program was simple – to spark that love for photography and help everyone express themselves through pictures.

Dhvani Parv: A Cultural Extravaganza

~Srushti Chopade .

The event titled **Dhvani Parv** was organized on 22nd February 2024 in VES Auditorium. Due to Examinations during the semester an extraordinary event was organized by **VESIT Music Council** in Association with the **VESIT Cultural Council.** Celebration of Matrubhasha Divas, Chatrapati Shivaji Maharaj Jayanti, Hashu Advani Birth Anniversary and Marathi Bhasha Gaurav Divas.

, **Sanskrit Poem** and special Song representation by General Secretary **Kshitij Shidore** (BE-AIDS) and VESIT Band Star **Arunim Chakravarty** (BE-CMPN). A beautiful rangoli potraying Chatrapati Shivaji Maharaj and other events was drawn on the entrance by **Tejas Dabholkar** (TE-ETRX).

Tejas Dabholkar (TE-EXTC) drew mesmerizing rangoli at the entrance of VESIT

The event comprises **Band Performances, Songs, Classical Dance, Shakti Ras Geet (Powada)**

Classical x rap performance by Kshitij Shidore (BE-AIDS) and Arunim Chakravarty (BE-CMPN)

Rangoli depicting the auspicious events

PhotoCircle's Photowalk at CSMT

~Vinit Solanki

On the 10th of March, the **VESIT PhotoCircle (VPC)** organized a photo walk at the historic Chhatrapati Shivaji Maharaj Terminus (CSMT), Mumbai. The event commenced at 1:00 PM and saw enthusiastic participation from **24 individuals**, including 10 VPC members and 14 non-members, highlighting the broad appeal of photography.

Participants were divided into smaller groups to ensure personalized attention, with each group comprising one VPC member and one or more non-members, fostering an interactive learning environment. The session began with an introduction to DSLR and mobile photography basics, covering essential topics such as camera settings, composition, lighting, and exposure, ensuring a comprehensive learning experience.

Participants had exclusive access to the interior of CSMT, a UNESCO World Heritage site, allowing them to capture intricate architectural details and the dynamic interplay of light and shadow within the station's grand halls. Following the CSMT session, the group ventured to other iconic locations including the Gateway of India, the Taj Mahal Palace Hotel, the Asiatic Society, and Horniman Circle. This provided an excellent opportunity to explore and practice various photography techniques such as portraits, street photography, and panning shots. The photo walk concluded with a serene session at Marine Drive, where participants applied their newly acquired skills to capture the stunning sunset. They experimented with silhouette and landscape photography.

Participants with VPC at CSMT

Octaves'24: Multiverse Of Music

~Nikunj Pal

The much-anticipated **Octaves 2024 - Multiverse of Music**, a spectacular event celebrating the diverse musical talents within our community, was held on the 11th and 13th March 2024. This musical extravaganza was divided into three thrilling segments conducted over two days, showcasing the exceptional abilities of our participants.

The event kicked off with the "**Voice of VESIT**" segment on the first day, where solo vocalists competed for the prestigious title. A total of **32 participants** took the stage, each delivering mesmerizing performances that left the audience and judges spellbound. The esteemed panel of judges brought a wealth of experience and expertise to the event. After much deliberation, **Madhura Golatkar** (SE-CMPN) was crowned the "**Voice of VESIT**," her powerful and soulful rendition earning her the top spot.

The second day of Octaves 2024 was marked by two electrifying segments: the Instrumental Faceoff and the Battle of Bands.

The "**Instrumental Faceoff**" saw participants showcasing their prowess on various instruments. **Abhishek Mokal** (BE-EXTC) emerged victorious, winning the competition for the fourth consecutive time. His mastery and his innovative performance captivated both the judges and the audience.

(L-R): Voice of VESIT Winner - Madhura Golatkar (SE-CMPN), and Winner of Instrumental Faceoff - Abhishek Mokal (BE-EXTC)

The climax of the event was the Battle of Bands, where six bands competed fiercely for the ultimate title. Each band brought their unique style and energy to the stage, making it a night to remember. After a series of dynamic and exhilarating performances, the band Swaravishkar was declared the winner. Their exceptional synergy, creativity, and musicality set them apart, earning them the coveted title.

VESIT Band's special performance

Battle of Bands

The Grand Spectacle of ILLUSION'24

~Srushti Chopade

ILLUSION'24, the flagship event of the Cultural Council, cast its spell in mid-October, heralding a season of excitement and anticipation. The selection process for leaders commenced with the release of forms among all BEs, followed by rigorous interviews conducted by a distinguished panel of six faculty members, including **Dr. Rohini Temkar (Assistant Professor, Department of Computer Engineering)** and **Mr. Vivek Umrikar (Head, Department of Humanities and Applied Sciences).**

The grand reveal of the six leaders - **Sakshi Rane** (BE-CMPN), **Om Suwarnakar** (BE-ETRX), **Hitakrit Goplani** (BE-CMPN), J**anhavi Khanvillkar** (BE-AIDS), **Yash Sarang** (BE-AIDS), and **Niraj Divekar** (BE-EXTC)- set the stage for the ensuing festivities, accompanied by the "Know Your Leader" session and the allocation of team names and colors.

Subsequently, the spotlight shifted to the Main Captains (MCs) selection process for TE and BE students, culminating in intense auctions to assemble formidable teams across seven portfolios. Participant forms were then released, triggering auditions judged by MCs, leading to the formation of six dynamic teams comprising 58 participants each.

Following the odd semester examinations, teams were afforded two months for rigorous preparation. The pre-events commenced on January 2, 2024, featuring a myriad of activities across various campus locales, setting the stage for the grand inauguration of ILLUSION'24 on 8th January 2024. Amidst a regal ambiance embellished by thematic decor, the event unfurled with the unveiling of the fall posters, heralding a fortnight of festivities.

(Top-Bottom, L-R): Leaders of the Illusion Teams - Sakshi Rane (BE-CMPN), Om Suwarnakar (BE-ETRX), Hitakrit Goplani (BE-CMPN), Janhavi Khanvillkar (BE-AIDS), Yash Sarang (BE-AIDS), and Niraj Divekar (BE-EXTC)

Swayam Gaikwad (Cultural Secretary) felicitating leader of winning team Conquerors - Niraj Divekar (BE-EXTC) and mesmerizing dnce by team Imperials

The Main Days of ILLUSION'24, spanning January 10th to 12th, witnessed a kaleidoscope of stage performances. Drama Portfolio showcased Monoact and Group Drama performances, Music Portfolio echoed with band performances, punctuated by a dazzling Rampwalk event by the Aesthetics Portfolio. The grand finale on January 12th celebrated cultural diversity through captivating group dances, culminating in a riveting showdown adjudicated by esteemed judges.

The electrifying atmosphere crescendoed with the much-anticipated DJ session, paving the way for the crowning of champions. **Aryan Singh** (SE-AIDS) from Invaders clinched the Best Participant award, while **Tejas Dabholkar** (TE-ETRX), aesthetics MC from Conquerors and **Janhavi Khanvillkar** (BE-AIDS) from Invaders were honored with the Best MC and Best Leader awards respectively. CONQUERORS emerged triumphant as the champions of ILLUSION'24, with LAUREATES and INVADERS securing commendable positions as runners-up.

As the curtains drew on ILLUSION'24, the Cultural Council eagerly anticipates the forthcoming spectacle, UTSAV'24, poised to ignite further excitement and camaraderie.

(L-R): Best Participant - Aryan Singh (SE-AIDS), Best MC - Tejas Dabholkar (TE-ETRX), and Best Leader - Janhavi Khanvillkar (BE-AIDS)

The Spirit of UTSAV'24

- Srushti Chopade

VESIT **Cultural Council** conducted the highly anticipated event **UTSAV'24**, featuring a diverse range of activities and themed days such as Traditional day, Suit day, etc. being the perfect culmination of the academic year 2023-24. It is the final event of the academic year, which is followed by the Annual Day of the college and the signoff of all the councils. UTSAV'24 commenced on 5th March, 2024. The aesthetics community created an exhilarating ambience around the theme 'Tyohar'. Each branch was assigned a specific color during UTSAV, to show their strength and unity during their participation in other events, especially flashmobs. ETRX/ECS : Red, AI&DS : Green, CMPN : Blue, INST/AURO : Black, EXTC : White, INFT : Yellow, MCA : Orange

The first day of UTSAV'24 held on 5th March 2024, witnessed the Round 1 of Debate and InvesTinder (an event to pitch innovative ideas and products in front of the judges, just like Shark tank). Debate was conducted in oxford style and the best teams were shortlisted for the successive rounds. For InvesTinder a google form was sent to the students where they would describe their idea in details. T-shirt painting was also conducted simultaneously in the drawing hall, where participants came up with creative ideas to paint their white T-shirts.

On 6th March, another aesthetics event, that is, Mandala painting took place. The intricate designs of the Mandala represented all of the different cultures and festivals celebrated by this event, UTSAV. A talkshow by the name

CC with CC was organized in the auditorium in the afternoon wherein the council invited a few students from the final year to have a dose of entertainment, fun and cutting chai.

(L-R): Dr. J. M. Nair (Principal, VESIT), and Mr. Vivek Umrikar (Head, Department of Humanities and Applied Science) revealed the poster for the Utsav

Mrs. Geeta Ajit (Assistant Professor, Department of Humanities and Applied Science) judged the Debate for the Utsav

On the 7th of March, the final round of InvesTinder was held with the best six teams pitching their ideas to the judges. We also had an event of Guess It, wherein participants had to guess various things in the 3 rounds.

The Google forms for the auditions of Mono and Duet drama were sent on 8th March, along with the google form for round 1 of Mr.

& Ms. VESIT. Followed by the online audition submissions of Solo dance and Vogue on the 9th of March. Vogue was the fashion magazine event, where students had to submit a compilation of various such photos similar to a fashion magazine. The online auditions submission of Solo Music was taken on 10th March through google forms.

Grand inauguration ceremony of UTSAV'24 organised on 11th March, which included revealing the fall poster by the hands of **Dr. J. M. Nair** (Principal, VESIT) and **Mr. Vivek Umrikar** (Head, Department of Humanities and Applied Science). This also marked the start of themed days with the first being the Branch day, where all the students from each branch adorned apparel of the colors assigned to them. By Noon, it was time to witness the flashmobs. The amphitheatre was full of energy and enthusiasm. First up, the Cultural Council performed their flashmob and gave the event an incredible kickstart. This was followed by the flashmobs of MCA, INFT and EXTC. The final round of debate was held between the shortlisted teams and was judged by **Mrs. Geeta Ajit** (Assistant Professor, Department of Humanities and Applied Science). The auditions of duet and group dance were conducted in the amphitheater.

12th March was the Look-alike day. The flashmobs of the remaining four branches were held in the following order- ETRX/ECS, CMPN, INST/AURO and AI&DS. The exciting game of Treasure Hunt, played across the entire Hashu Advani Campus saw huge participation from students of all the years. Teams of 5 had to

decode clues and get to the conclusion of the hunt by completing the entire storyline. The personal interview round of Mr. & Ms. VESIT was taken by the council members to further shortlist the most dynamic personalities of VESIT for the final round.

On the 13th of March, the campus was filled with energy as students, faculty, and staff celebrated Traditional Day. Everyone adorned themselves in exquisite traditional attire, creating a vibrant atmosphere. The festivities began with the rhythmic beats of Dhol Pathak at 1:00 pm, resonating across the entire college. The amphitheatre and balconies were jam-packed with enthusiastic spectators enjoying the bashful performance.

Glimpse of the Flashmob at Utsav'24

Dhol Pathak at Utsav'24

On the 14th of March, Utsav'24 continued with "Character Day," allowing students to express their creativity by dressing up as characters from movies, series, or books. The day commenced with a ceremonial inauguration, featuring Saraswati Vandan and lamp lighting by esteemed faculty members. Hosted by **Akruti Dabas** (SE-INFT) and **Atharva Sarang** (SE-EXTC), the day featured various stage events, including the final rounds of Solo Singing and energetic performances by branch bands, including MCA.

Judges **Mr. Prasant Kanade** (Assistant Professor, Department of Computer Engineering)**, Mr. Chintan Jethva** (Assistant Professor, Department of Electronics and Telecommunication) and **Mr. Prasad Godse** (Assistant Professor, Department of Automation and Robotics) presided over the events. Final rounds of Solo Drama and Duet Drama, showcased a spectrum of emotions and were adjudicated by Mr. Vivek Umrikar and **Mrs. Rohini Temkar** (Assistant Professor, Department of Computer Engineering) The highlight of the day was the Mr. & Ms. VESIT competition, hosted by **Arundhati Nair** (SE-EXTC) and **Harsh Shah** (SE-EXTC), was held by combining two rounds- the first being the question and answer round and the second being the talent round. **Anish Padhye** (SE-EXTC) and **Ritali Jadhav** (SE-ECS) emerged victorious of the same.

Swayam Gaikwad (Cultural Secretary) presenting trophy to Soham Shetye (TE-INFT) Cultural Incharge of Winning Class D15

Swayam Gaikwad (Cultural Secretary) presenting trophy to Kaustubh Kharche (BE-CMPN) Cultural Incharge of Winning Class D17

It was the culmination of Utsav'24 and Annual Day on the 15th of March, hosted by **Akshata Agarwal** (SE-EXTC) and **Harshit Jhadtheela** (SE-AIDS) . Also, marking the "Suit Day" the day started with the final round of Solo dance performances, followed by duet and group dances, all judged by **Mrs. Nandini Ammanagi** (Assistant Professor, Department of Electronics and Telcommunications Engineering). The class group dances, especially from the graduating BEs, were spirited.

The captivating performances by Vesit Natak Mandali, VESIT Dance Crew (VDC), and Vesit Band added to the memorable atmosphere. The announcement of winners added to the excitement. In the senior pool, D17AB emerged as the winner with D15 being the runner ups and for the junior pool D6AD were declared as winners followed by D1AD as runner-ups. The day was given its well-deserved end with the energetic DJ, being the very heart and soul of the event.

(Top-Bottom, L-R): Judges Mr. Prasant Kanade (Assistant Professor, Department of Computer Engineering), Mr. Chintan Jethva (Assistant Professor, Department of Electronics and Telecommunication), Mr. Prasad Godse (Assistant Professor, Department of Automation and Robotics), and Mrs. Rohini Temkar (Assistant Professor, Department of Computer Engineering) presided throughout the events and judged Solo Drama and Duet Drama

Mrs. Nandini Ammanagi (Assistant Professor, Department of Electronics and Telcommunications Engineering) judged the solo dance performances, followed by duet and group dances

(L-R): Winner of Mr. and Mrs. VESIT- Anish Padhye (SE-EXTC) and Ritali Jadhav (SE-ECS)

(Top-Bottom, L-R): Hosts of the event Akruti Dabas (SE-INFT), Atharva Sarang (SE-EXTC), Harshit Jhadtheela (SE-AIDS), Arundhati Nair (SE-EXTC), Harsh Shah (SE-EXTC), and Akshata Agarwal

Celebrating Sportsmanship and Unity

Srushti Chopade

The **Sports Council** organized the **Senior Indoor Sphurti** event during the odd semester, from 3rd-6th October 2023, featuring an array of engaging activities such as carrom, chess, table tennis, and darts. Additionally, to foster inclusivity, Futsal was introduced for the girls, and the boys enthusiastically participated in gripping box cricket matches. This expansion broadened the spectrum of sporting opportunities, enhancing the overall dynamism of the event. The number of participants were **280.**

Sphurti, not limited to students, inclusively invited both teaching and non-teaching faculty members to partake in the festivities. The spirited involvement of the faculty members illuminated the event with their passion and energy, contributing significantly to the event's success.

The **Junior Indoor Sphurti** event, organized by the Sports Council during the odd semester, on 7th October 2023 showcased a diverse range of engaging activities. Carrom, chess, table tennis, and darts took center stage, offering participants thrilling moments.

This thoughtful expansion not only broadened the spectrum of sporting opportunities but also added dynamism to the overall event. The evening's conclusion left a profound impact, fostering a sense of community through the shared experience of spirited sportsmanship. Overall participation was **180.** The winner of Table Tennis (Girsl-Double) was team of **Ridhima S.** (SE-AIDS), and **Reet Sharma** (SE-AIDS). **Vivek V.** (SE-CMPN)

won the badminton and **Harsh Ranjan** (BE-EXTC) became the runner-up. The team of **Vinay** (FE-CMPN), **Venkat** (FE-CMPN) and **Pranav** (FE-CMPN) won the Darts (Boys). WInner of Darts (Girls) ws team of **Meenakshi** (FE-ECS), **Deet** (FE-ECS) and **Aditi** (FE-ECS).

(L-R) Winner of the Table Tennis (Girls-Double), Ridhima S. (SE-AIDS) and Reet Sharma (SE-AIDS) and Runner-Up and Winner of the Badminton, Harsh Ranjan (BE-EXTC) and Vivek V. (SE-CMPN)

(L-R) **Winners of Darts Boys - Vinay, Venkat, Pranav(FE-CMPN) and Girls - Meenakshi, Deet, Aditi (FE-ECS)**

The event not only celebrated sports but also strengthened the bonds within the community, resonating with fond memories for everyone involved. In February, the vibrant campus of VESIT buzzed with excitement as the Sports Council organized an exhilarating **Outdoor sphurti** from 14th February 2024 and onwards. With the crisp February air energizing participants, the grounds became a playground for athleticism and camaraderie. From spirited matches of handball and volleyball to intense races on the track, students showcased their skills and sportsmanship. (Handball, Kabaddi, Volleyball, Athletics (100m, 200m, 4x100) Mixed Relay, Throwball, Dodgeball, Tug of war).

Winners of Dodgeball (Girls) (SE-CMPN)

Winners of Dodgeball (Boys) (SE-CMPN)

Junior Outdoor Sphurti, an exhilarating event organized at VESIT (Vivekanand Education Society's Institute of Technology) for junior students, from 15th February onwards showcased a vibrant display of sportsmanship and camaraderie. With a diverse array of games including futsal, volleyball, throwball, dodgeball, and more, the event provided a platform for juniors to engage in spirited competition and fostered a sense of unity within the student community. Participants displayed exceptional skills and enthusiasm, embracing the opportunity to showcase their talents and bond with their peers through healthy competition.

In total **200 participants**, Junior Outdoor Sphurti not only promoted physical activity and teamwork but also served as a memorable experience for all involved, leaving a lasting impact on the vibrant culture of sports at VESIT.

Runner-Ups of Futsal (Girls) (FE-CMPN)

Winners of Box Cricket (Boys) (FE-AURO)

IGNITING THE ENTREPRENEURSHIP MINDSET

A Catalyst for Entrepreneurial Growth

- Vinayak Panchal

The spirit of entrepreneurship was alive and thriving at VESIT as the Department of E-Cell, in collaboration with the **VESIT-IIC (Institution's Innovation Council)** and IQAC **(Internal Quality Assurance Cell)**, orchestrated a dynamic two-day event, the **ESummit** and **VESIT Valley**, on March 20th and 21st, 2024. This initiative aimed to ignite the entrepreneurial spark within students, providing them with invaluable insights and practical experiences to navigate the startup landscape.

On the inaugural day, **Mr. LoveDeep Gupta** (Co-founder and CMO of Store My Goods) kickstarter the proceedings, delving into the intricacies of launching a startup and navigating the challenges therein. Following suit, **Mr. Deepak Nihalini** (VESIT Alumnus and Co-founder, Snapwork Technologies and Epoch Technologies), shared his enriching entrepreneurial journey, inspiring students with his experiences and wisdom.

The momentum continued on the second day with equally riveting sessions. Mr. KB Gupta, an esteemed author and leadership coach, engaged the audience with his insights into effective leadership in the entrepreneurial realm. **Mrs. Asha Ahuja** (Managing Director, Accenture), offered invaluable perspectives on leveraging innovation and technology in startup ventures. Lastly, **Mr. Rupam Jain** (Co-founder and CTO, Billme), enlightened students on the evolving landscape of fintech and the opportunities it presents.

Additionally, selected students were privileged to join the speakers for meals, facilitating intimate discussions and personalized mentorship opportunities.

Complementing the ESummit was Vesit Valley, an experiential platform where students transformed entrepreneurial concepts into tangible realities. The college amphitheater buzzed with creativity and commerce as seven stalls adorned with an array of products—ranging from flowers to keychains, beauty items, and Tupperware—showcased the ingenuity and enterprise of VESIT's budding entrepreneurs.

Dr. J. M. Nair (Principal, VESIT) felicitating Mrs. Asha Ahuja (Managing Director, Accenture)

Speaker of the event, Mr. Deepak Nihalini (VESIT Alumnus and Co-founder, Snapwork Technologies and Epoch Technologies)

VESIT Valley wasn't just about sales; it was a hands-on learning experience,. From product ideation to customer interaction, participants gained invaluable insights into the entrepreneurial ecosystem. Moreover, the inclusion of a selfie booth added a touch of festivity, allowing students to capture memorable moments
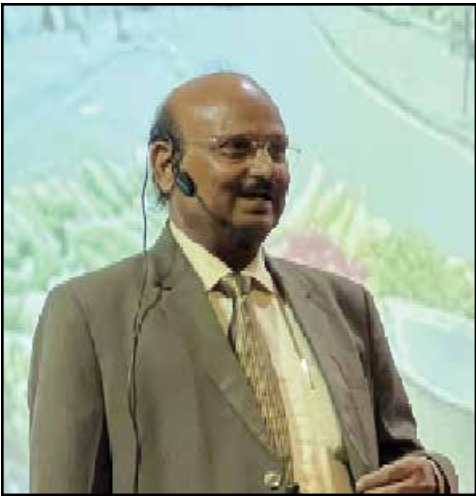
A key highlight of the event was its extensive promotion, which permeated every corner of the campus, instilling excitement and anticipation among students. LED lights spelling "ESUMMIT" adorned the college entrance, serving as a beacon of inspiration.

Beyond the informative sessions and bustling stalls, the ESummit and Vesit Valley fostered a sense of community and collaboration. Students, faculty, and industry experts converged to celebrate innovation, exchange ideas, and forge meaningful connections. The events served as catalysts for aspiring entrepreneurs, empowering them to pursue their ventures with confidence and conviction.

Mr. Lovedeep Gupta (Co-founder & CMO, Store My Goods) interacting with the students

Mr K B Gupta (Author and Leadership coach) sharing his experiences

Startup Fun at VESIT

~Brijesh Sharma

On 16th January 2024, **VESIT Ecell** organized the **National Startup Day** event, held in the college amphitheater from 12:30 pm to 2:30 pm. The event featured two engaging activities to promote entrepreneurship and innovation among students. The first activity, the wheel rotation game, tested students' knowledge of famous brands by having them recall official taglines. The second activity, the ring toss pitching game, encouraged students to create spontaneous pitches for products based on where their ring landed. These activities aimed to enhance pitching skills and foster creativity in a fun, interactive manner. Additionally, students had the opportunity to share their startup ideas, receiving encouragement from peers. The event concluded on a high note, leaving attendees inspired to delve further into the world of entrepreneurship.

Students gathered in the Amphitheatre for the fun games

The Entrepreneurial Odyssey

~ Meghna John

In a riveting exploration of the entrepreneurial voyage, the "**Entrepreneurship and Innovation as a Career Opportunity**" event conducted by **Department of Master of Computer Applications** showcased the expertise of **Mr. Gaurav Nahar** (Director, Minds on Automation Security Service Pvt. Ltd.). Attendees were treated to a captivating journey of entrepreneurship, as Mr. Nahar delineated the distinctions between business and entrepreneurship, advocating for a mindset steeped in creativity, resilience, and adaptability.

Drawing from his wealth of experiences, Mr. Nahar elucidated the risks and rewards inherent in the entrepreneurial landscape, utilizing examples like the IPL and ICL to underscore the significance of embracing failure as a cornerstone of growth. Amidst the backdrop of the COVID-19 pandemic, he emphasized the imperative for innovation and adaptability in surmounting unforeseen challenges, while also addressing the delicate balance entrepreneurs must strike between work and personal life.

A key highlight of the event was Mr. Nahar's discussion on mindset transformation, emphasizing the shift from fixed to growth mindsets and promoting continuous learning and adaptation. He also focused on strategic entrepreneurship, explaining the importance of identifying market weaknesses and seizing untapped opportunities, with examples like Ola and Uber.

Mr. Nahar's insights inspired a sense of empowerment and motivation among attendees, encouraging financial independence and self-driven success.

Mr. Gaurav Nahar : Speaker of the event

Entrepreneurship Insights

~ Meghna John

In a dynamic event aimed at fostering entrepreneurial prowess, the Vivekanand Education Society's Institute of Technology played host to a groundbreaking workshop on Entrepreneurship Skill, Attitude & Behavior Development. Held on 19 March 2024, the session proved to be an undeniable success, with **Dr. Suvrashis Sarkar (Dean, Mumbai Educational Trust, MET League of Colleges)** leading the charge with his enlightening discourse.

Dr. Sarkar's session delved deep into the intricacies of cultivating the right mindset, honing essential skills, and nurturing a positive attitude vital for entrepreneurial endeavors. One of the highlights of the workshop was Dr. Sarkar's elucidation on Entrepreneurship Skills, where he shed light on key competencies including marketing, design thinking, communication, relationship building, financial acumen, and leadership qualities.

Behavior Development emerged as another pivotal theme, with the workshop stressing the significance of fostering traits such as self-confidence, customer-centricity, resourcefulness, ethical conduct, and a commitment to lifelong learning. Participants grasped the importance of these behavioral attributes in building sustainable enterprises and achieving enduring success.

Speaker of the event Dr. Suvrashis Sarkar (Dean, Mumbai Educational Trust, MET League of Colleges)

MY SOCIETY MY RESPONSIBILITY

Parakram Divas: Honoring Legends

~Joanna Sanju

The "**Parakram Divas**" event, organized by the **NSS Unit of VESIT**, was a resounding success, honoring the legacies of **Netaji Subhash Chandra Bose** and **Balasaheb Thackeray.** Held on 23 January 2024 at the reception area, the event commemorated the birth anniversaries of these esteemed leaders. Attendees paid homage to Netaji's fearless dedication to India's independence struggle and Balasaheb's influential role in Maharashtra's political landscape.

The program featured heartfelt speeches from students and faculty, reflecting on the contributions of Netaji and Balasaheb. Patriotic songs, poems, and a video presentation showcased their impactful lives, inspiring attendees. Moments of silence allowed for reflection on the values these leaders embodied.

The event fostered a sense of unity and respect among participants, emphasizing the importance of remembering and celebrating the indomitable spirits of Netaji and Balasaheb. The success of the event was evident in the meaningful engagement and enthusiastic participation of all those who attended. By bringing together the community to celebrate these legacies, the NSS Unit of VESIT reaffirmed its commitment to fostering a spirit of patriotism and civic responsibility among its members.

(L-R): NSS and SoRT Members along with Mr. Sushil Dhuldhar (Assistant Professor, Department of Humanities and Applied Sciences), Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Sciences), Dr. M. Vijayalakshmi (Vice Principal, VESIT), and Dr. J. M. Nair (Principal, VESIT)

Breaking the Silence of Fears

~Anish Padhye

NSS VESIT, under the stewardship of **Yashodhan Sharma** (TE-CMPN) and **Aakanksha Suvarna** (TE-INFT), had launched an initiative aimed at addressing the concerns and fears surrounding ragging and harassment within the college premises. The initiative, titled "**The Box of Fears**," offered a safe and anonymous platform for individuals to confide their apprehensions, share unpleasant experiences, and express insecurities related to ragging or any form of harassment. Despite the mandatory signing of the Anti-Ragging Document during admission, doubts still lingered regarding its effectiveness in preventing instances of ragging. There have been instances where individuals have violated the commitment outlined in the document, breaching basic ethical standards and causing distress to others within the college community.

By encouraging students to share their experiences anonymously, NSS VESIT aimed to shed light on the prevalence of ragging and harassment within the college premises and work towards finding sustainable solutions to address these issues. The drop box was accessible throughout the day from January 29 to January 31st, allowing individuals ample opportunity to participate in the initiative.

(L-R): Coordinators of the event - Yashodhan Sharma (TE-CMPN) and Aakanksha Suvarna (TE-INFT)

Kaun Banega GS

~Joanna Sanju

From 23 January, 2024 to 25 January, 2024 SoRT-VESIT organised a three day event named "**Kaun Banega GS?**" which aimed at selecting an Interim GS of VESIT for one day, while raising Lok Sabha election awareness. Participants registered via Google Forms, with **12 candidates** vying for the position. The event commenced with voting using original voter IDs or assistance for registration. Total of **257 voters** had voted and out of 12 candidates, five students were selected.

Five candidates advanced based on majority votes. Day two involved candidates presenting solutions to college issues, evaluated by a panel of judges. Two finalists emerged for an Oxford-style debate consisting of **Aradhya Ingle** (TE-CMPN) and **Soham Shetye** (TE-INFT) on menstruation leaves, with **Soham Shetye** (TE-INFT) winning the General Secretary position for VESIT for a day.

Top two Finalists - Aradhya Ingle (TE-CMPN), and Soham Shetye (TE-INFT)

Saving Lives: Stem Cell Drive

~Riya Varyani

Stem Cell Donor Registration Drive was held on the 1st of February from 8:30 AM to 4:00 PM in association with **Marrow Donor Registry India** (MDRI).Stem cell donation involves giving a part of your blood that contains healthy stem cells to someone with a life-threatening blood disease. It's a simple process, similar to giving blood, and can make a significant impact on someone's life. **Dr. Praveen Clement** spread awareness among students about marrow donation.

Every year around 18,000 people are diagnosed with life threatening diseases worldwide. With Stem Cell Donation,we can bring a change in their lives as the success rate of Stem Cell Donation stands at an impressive 70% on an average

The drive saw an overwhelming response from both students and faculty members, who united in a powerful demonstration of compassion. By engaging in this simple yet profound act of kindness, they made a significant impact on the lives of many potential recipients.

Participants provided saliva samples and filled out consent forms, pledging to donate their stem cells if a DNA match was found. A total of 248 potential donors were registered during the drive, a testament to the spirit of generosity and community within our institution. Each registration carries the promise of hope and the possibility of a new beginning for someone in desperate need.

Dr. Praveen Clement spread awareness about marrow donation

Donation Drive

~Anish Padhye

The spirit of generosity and compassion was palpable as the **National Service Scheme** (NSS) at **VESIT** announced its much-anticipated donation drive, "**Generosity Gala**." NSS unit embarked on a mission to **adopt the Annabhau Sathenagar area**, marking the beginning of a journey towards sustained and meaningful impact. The initiative aimed to collect a diverse array of items, including clothes, toys,

notebooks, textbooks, storybooks, and any other items deemed beneficial to the community. As the announcement of the "Generosity Gala" echoed through the corridors of VESIT, it sparked a wave of enthusiasm among individuals in a shared commitment to serving others and goodwill that swept across the campus.

Students, faculty, and staff alike felt compelled to heed the call and extend a helping hand to their neighbors in Annabhau Sathenagar. With each passing day leading up to the donation drive, the atmosphere grew increasingly charged with excitement and anticipation. Donors eagerly gathered their contributions, knowing that each item they donated had the potential to make a tangible impact.

Every contribution, whether it was a bag of clothes, a box of toys, or a stack of notebooks, carried with it the promise of transforming lives

and fostering a sense of solidarity within the community. It was a testament to the power of empathy and altruism to bridge the gap between individuals and forge bonds of kinship and support.

Students donating in the donation drive as the contribution to make drive successful

As the clock ticked towards the end of the collection period, the NSS unit reflected on the

overwhelming success of the "Generosity Gala." Looking ahead, the NSS unit remained committed to its mission of adopting the Annabhau Sathenagar area and continuing to make a meaningful impact in the lives of its residents.

Students making their contribution in the Generosity Gala

Towards a Tobacco-Free Tomorrow

~Anish Padhye

The "**Nischay**" Anti-Tobacco Campaign, led by **NSS and SoRT** at VESIT from 31 January to 3 February 2024, sought to eradicate tobacco consumption within the college community. Through meticulously planned initiatives, including informative sessions and interactive activities, the campaign effectively educated students, faculty, and staff about the hazards of tobacco use and advocated for a tobacco-free environment.

At the heart of the campaign was the Signature Drive, where individuals pledged to abstain from tobacco, symbolizing their dedication to fostering healthier habits. This activity witnessed enthusiastic participation, indicating a collective commitment towards combatting tobacco addiction and promoting well-being. Complemented by insightful sessions on the health risks associated with tobacco and engaging

discussions on addiction and societal influences, the campaign fostered a supportive environment for introspection and behavioral change. The campaign also included interactive workshops, empowering participants with strategies to overcome tobacco cravings. Additionally, creative events like poster-making contests and street plays amplified the anti-tobacco message, engaging the wider community.

The lasting impact of the Anti-Tobacco Campaign transcended its immediate duration, laying the groundwork for sustained efforts to combat tobacco use at VESIT. By fostering a culture of awareness, responsibility, and advocacy, the campaign instilled a sense of empowerment among participants to prioritize their health and well-being. The collaborative efforts of NSS and SoRT underscored the significance of community partnerships in addressing social issues and fostering a healthier campus environment.

(L-R): SoRT and NSS members along with Faculties - Sushil Dhuldhar (Assistant Professor, Department of Humanities and Applied Science), Vikas Pange (Superintendent, VESIT), Ashwin Awad (Peon, VESIT), Prashant Kanade (Assistant Professor, Department of Computer Engineering), Dr. J. M. Nair (Principal, VESIT), and Mrs. Manisha Tiwari (Assistant Professor, Department of Humanities and Applied Science)

Spreading Smiles: Umeed 2024 at VESIT

~Anish Padhye

From **4th of March to 7th of March** there was an atmosphere of being socially responsible in our college as **SoRT VESIT** conducted its flagship event of the year **Umeed 2024**. It was a four day event in which many students, faculties and staff of VESIT participated and contributed to a noble cause. The main objective of this event was to support different NGOs by allowing them to stabilize their financial constraints. A total of five NGOs were a part of Umeed 2024.

SoRT and NSS members at the beautifully decorated stall on the Ground Floor

SoRT VESIT provided a medium for all the NGOs participating to sell the foods and goodies made by the people living there in the college. SoRT bought the required amount of items from

the NGOs and sold them in the college by setting up stalls. The Umeed Stalls were set up on the 5th floor, Amphitheatre and Ground Floor near the reception.There was also a Moving Stall in which SoRT or NSS members roam in the whole college selling these beautiful handmade items.

The various handicrafts from NGO at sale

The five NGOs who gave all these amazing goodies for selling in the college were Kshtij (Charni Road), Kshamata (Bandra), Bal Anand (Thane), Naseoh (Chembur) and Aseema (Mumbai). The response for Umeed 2024 was groundbreaking as all the items brought were sold in the four days. The list of items brought from the NGOs were Brownies, Chocolates, Diyas, Bags, Scrunchies and various other beautiful products. The Brownies

and Chocolates were so popular that they were again brought 2 times to sell.

Umeed 2024 also taught the members of SoRT VESIT and NSS necessary life skills such as marketing and basic communication. Handling all those goods on their own on the stalls and at the same time keeping track of the sales happening was no easy job and they did it exceptionally well. The faculty also bought many products and contributed to the noble cause just as the students did. This event marked the end of all the activities by SoRT-VESIT for the academic year 2023-24.

Umeed 2024 stall in the Amphitheatre

Empowering First-Time Voters

~Avan Shetty

On the 7th March 2023, the halls of VESIT resonated with this spirit as **SoRT-VESIT**, in collaboration with the **Election Literacy Club and NSS**, orchestrated a transformative initiative – the "**Mera Pehla Vote-Desh Ke Liye"** campaign through Poster Making Competition.

The outcomes were as promising as they were inspiring. With ten student participants, the competition showcased a spectrum of innovative posters, each a testament to the fervor and ingenuity of the youth. **Jai Udasi** (FE-INFT) and **Mukund Tiwari** (TE-AIDS) emerged as winners, their creations resonating with the essence of the campaign. Through initiatives like the Poster Making Competition, the SoRT Council and Election Literacy Club sowed the seeds of informed citizenship, fortifying the foundation of democracy with each stroke of the brush.

(L-R): Winners of the competition - Jai Udasi (FE-INFT) and Mukund Tiwari (TE-AIDS)

From Awareness to Action

~Anish Padhye

On 22nd February 2024, **SoRT-VESIT** in collaboration with Hashu Advani Memorial Foundation conducted **Drops of Hope 2024**, SoRT Council's annual Blood Donation Camp on the occasion of **Hashu Advani Memorial Day**. Prior to the Camp, a Thalassemia Awareness session was also held in the Auditorium on 20th February 2024. Along with the Blood Donation, there was also a free eye check-up and Thalassemia Test in the same premises. Also, on 20th February, **SoRT VESIT** had organized a **Thalassemia Awareness** session in the Auditorium in the afternoon. The session was aimed at guiding the young students of VESIT about Thalassemia and how we can counter it with proper measures. The event was a part of **Drops of Hope 2024**, SoRT VESIT's annual **Blood Donation Drive** held in the month of February on the occasion of Hashu Advani Memorial Day. The speaker for the session was **Mrs Sangeeta Wadhwa**, who is an expert in Thalassemia and its related disorders. Mrs Wadhwa has been associated with our college for a long time as she is actively involved in the Blood Donation Camps organized by SoRT VESIT over the years.

The main objective of Drops of Hope '24 was to spread awareness about blood donation and thalassemia prevention in our college and dispel any misconceptions surrounding blood donation. The donors were first checked for their hemoglobin levels and minimum weight, and if they met the requirements, they were directed to donate their blood or else they were checked for thalassemia.

Mrs. Sangeeta Wadhva guiding about Thalassemia

Upon arrival, donors underwent preliminary health checks to ensure their eligibility. Hemoglobin levels and minimum weight were assessed to ensure the safety of both donors and recipients. Those who met the criteria proceeded to donate blood, while others were encouraged to undergo thalassemia screening. This thorough process ensured a smooth and efficient donation experience, reinforcing the event's commitment to health and safety. In addition to the blood donation drive, the camp offered a free eye check-up, underscoring the importance of regular eye examinations in maintaining overall health. This service saw an overwhelming response, with 122 participants taking advantage of the opportunity to get their eyes tested. Faculty members also played a crucial role, not only by donating blood themselves but also by encouraging students to participate and demonstrating the spirit of giving. Their involvement added a layer of solidarity and mentorship, inspiring students to engage in philanthropic activities.

A student donating blood

Election Slogan Competition by SoRT

~Avan Shetty

In the academic year 2023-24, on the 8th of March, the corridors of VESIT buzzed with fervor as **SoRT-VESIT** in collaboration with the **Election Literacy Club** and **NSS-VESIT**, orchestrated an impactful event - the **Election Literacy Slogan Competition**. Aimed at igniting civic consciousness and raising awareness for the impending Lok Sabha elections, this competition stood as a beacon of democratic empowerment.

Among the array of thought-provoking entries, two slogans emerged victorious, capturing the imagination of both the audience and the adjudicators. **Tejas Khedkar's** (BE-EXTC) resonant proclamation, "**मतदान, मतदान, लोकशाहीचं मोठं यंत्र, सक्षम मतदान, बदलतं देशाचं चित्र!**" (**Voting, voting, the great machinery of democracy, capable voting, changing the picture of the nation!**), echoed the sentiment of empowerment and transformation at the heart of every ballot cast.

Dr. Prashant Kanade's (Assistant Professor, Department of Computer Engineering) stirring call to action, "**करण्या भारताचा संपूर्ण विकास माझे बहुमूल्य मत मी देणार हमखास,मतदान नक्की करा.**" (**Contributing to India's complete development, my valuable vote will make a difference, make sure to vote**), encapsulated the essence of individual agency and collective progress, urging every citizen to exercise their democratic right with conviction.

(L-R): Winners of the Slogan Competition - Tejas Khedkar (BE-EXTC), and Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering)

Beach Beautify

~Sneha Tanna

VESIT's **NSS team** staged an impressive Beach Cleanliness Drive at Dadar Chowpatty, coordinated by **Dr. Pooja Kundu** (Assistant Professor, Department of Humanities and Applied Science) and **Dr. Sushil Dhuldhar** (Assistant Professor, Department of Humanities and Applied Science). With 35 dedicated volunteers on board, the team set out on a mission to clean the shoreline of plastic waste and debris, a joint operation with the BMC. Their persistent efforts resulted in an astonishing **100kg haul**, demonstrating the collaborative impact of community-led projects.

This attempt not only dramatically improved the beach's cleanliness, but it also served as a catalyst for encouraging participants to practice environmental care. It highlighted the far-reaching consequences of their actions and reaffirmed

VESIT's unshakable commitment to environmental knowledge and responsibility. Looking ahead, VESIT's NSS unit continues committed to cultivating an environmental conscience among students, with each beach cleaning serving as a reminder of their commitment to maintaining the beauty and vitality of our oceans.

On January 27th, 2024, the NSS Unit held its second Beach Cleanup Drive at Dadar Chowpatty, near Kirti College. Volunteers gathered early in the morning, armed with gloves and garbage bags, and shown an unwavering devotion to cleaning up the beach of plastic waste and litter.

NSS Volunteers cleaning the beach

Coordinators of the drive - Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Science) and Dr. Sushil Dhuldhar (Assistant Professor, Department of Humanities and Applied Science)

Ease-Up Day: Skip the Ironing Stress

~*Sneha Tanna*

On January 16th, 2024, the **Green Club-VESIT**, in collaboration with the **Energy Swaraj Foundation** and **VESIT-IQAC (Internal Quality Assurance Cell)**, hosted a memorable event: **"No Ironed Clothes Day."** From 1:00 pm to 1:30 pm, the amphitheater buzzed with excitement as participants embraced the charm of effortless style and sustainability.

Under the captivating banner of "**Wrinkle Achche Hai!**" (**"Wrinkles Are Great!"**), attendees engaged in heartfelt exchanges, weaving a tapestry of warmth and camaraderie. Amidst the cheerful chatter and infectious laughter, there was a collective celebration of the inherent beauty found in embracing natural textures.

This initiative was more than just a fashion statement; it was a poignant reminder of our collective responsibility to tread lightly on the planet. By choosing wrinkles over ironing, participants not only simplified their lives but also made a conscious effort towards a greener, more eco-friendly lifestyle.

FEATURED

Annual Day'24 at VESIT

~*Preeti Khamkar*

The **annual day** is an event to celebrate achievements in academic excellence, technical prowess, cultural wins, and sports endeavors and unveil the annual college magazine 'Vishwakarma'. This year it was celebrated on 15th March 2024 in the VESIT auditorium from 3 pm. **Shri B. L. Boolani** (Member-VES, Managing Trustee-VESIT), **Shri Suresh Malkani** (President, VESIT), **Dr. (Shri) Prakash Lulla (**Treasurer, VES), **Shri Vijay Talreja** (Member, VES)**, Mr. Bharat Ajwani** (Associate Member, VES), **Dr. (Mrs.) J. M. Nair** (Principal, VESIT), **Dr. M. Vijayalakshmi** (Vice Principal, VESIT), Members from Scholarship team, Heads and Deputy Head of the Departments of VESIT, other faculties of VESIT, students and parents attended the event. **Mr. Mayuresh Sarpotdar** (Executive Director, Morgan Stanley) was invited as the chief guest.

Felicitation of Chief Guest, Mr. Mayuresh Sarpotdar by Dr. (Mrs.) J. M. Nair (Principal, VESIT)

The event commenced with an introduction of the occasion by **Dr. Sharmila Sengupta** (Associate Professor, Department of Computer Engineering) which was followed by lamp lighting with Ganesh Vandana and felicitation of the chief guest, Mr. Mayuresh Sarpotdar by Principal, Dr. J. M. Nair. The event was further continued by **Mrs.**

Vinita Mishra (Assistant Professor, Department of Information Technology), and **Mrs. Arti Sawant** (Assistant Professor, Department of Electronics and Telecommunications Engineering).

Cultural Performances

The cultural programs commenced with tremendous enthusiasm. The celebrations highlighted the talents on display and the rich diversity of perspectives, experiences, and backgrounds that enhance our community. The opening performance was delivered by the VESIT Band, a distinguished musical group embodying the dynamic spirit of VESIT.

Following the VESIT Band, there was a jugalbandi performance featuring the Tabla and Pakhawaj, with Abhishek Mokal (BE-EXTC) on Tabla, Kapil Bodas (TE-AIDS) on Harmonium, and Kaustubh Natalkar (SE-EXTC) on Pakhawaj. The cultural event continued with a classical dance

performance, where each dancer presented their unique style under the guidance of Shrawani Sanjay Pawaskar(FE-AURO),the Bharatanatyam Visharad.

(L-R): VESITConnect Team for 'Vishwakarma' along with dignitaries - Dr. J. M. Nair (Principal, VESIT),Shri Suresh Malkani (President, VESIT), Shri B. L. Boolani (Member-VES, Managing Trustee-VESIT), Mr. Mayuresh Sarpotdar (Executive Director, Morgan Stanley), Shri Vijay Talreja (Member, VES), Dr. M. Vijayalakshmi (Vice Principal, VESIT)

Following the cultural program was the Institute report by the Principal, Dr. J. M. Nair where she highlighted all achievements of the students and faculties of the institute. Then our honorable trustee Shri. Boolani ji was invited to share his thoughts and experiences, where he highlighted the use of technology for better prospects of society, followed by an enlightening speech by Shri. Suresh Malkaniji and Shri Vijay Talreja. Then our honorable Chief Guest, a VESIT alumni, was welcomed and requested to share his thoughts.

The Annual Day event at VESIT was marked by several key highlights and memorable moments. The Chief Guest delivered an inspiring speech aimed at motivating the young minds in attendance. In appreciation of his valuable contribution, he was presented with a memento.

Following the speech, **Mr. A. Nagananda**, (Training & Placement Officer, VESIT), and his editorial team were invited to release the institution's Annual Magazine, **'Vishwakarama'.** This release was met with enthusiasm, symbolizing the collective efforts and achievements of

the VESIT community over the past year.

The event then transitioned into the much-anticipated award ceremony, designed to recognize and reward the dedication, perseverance, and hard work of the students. These awards celebrated their academic excellence and contributions to the institute, acknowledging the significant efforts they had put in throughout their educational journey.

The General Secretary of VESIT, Kshitij Shidore (BE-AIDS), took the stage to deliver a heartfelt speech. He expressed his gratitude towards the management, staff, and students, acknowledging their vital roles in the institute's continued success. His words resonated with the audience, highlighting the collective spirit that drives VESIT forward.

The event concluded with a vote of thanks by the Vice Principal, Dr. M Vijayalakshmi. She extended her appreciation to everyone involved in making the Annual Day a success, emphasizing the importance of teamwork and community spirit.

(Top-Bottom, L-R): Hosts of the event - Dr. Sharmila Sengupta (Associate Professor, Department of Computer Engineering), Mrs. Vinita Mishra (Assistant Professor, Department of Information Technology), and Mrs. Arti Sawant (Assistant Professor, Department of Electronics and Telecommunications), and Mr. A. Nagananda (Training & Placement Officer, VESIT)

Academic and Extra-curricular Prize Distribution

Leap Towards Technological Education

~Sneha Tanna

The **Development Dialogue**, held on 8th February 2024, by **EBSB-VESIT** and **VESLang Circle**, was an important step toward accepting technology innovation in education. The event, which was part of a nationwide series of seminars, aimed to address the foundational changes that contribute to the goal of Vikasit Bharat by 2047.

Dr. M. Sasikumar (Executive Director, C-DAC) in Mumbai was the event's guest speaker. Dr. Sasikumar, who specializes in Artificial Intelligence, Robotics, and Educational Technology, presented excellent insights into the importance of technology in education. He underlined the need to adjust to technology changes and harness them to improve educational outcomes.

The discussion began with Dr. Sasikumar emphasizing the role of technical institutes in pushing educational limits, notably through programs such as Virtual Labs for Schools. He emphasized the challenges that educational institutions confront today, emphasizing the importance of qualities such as creativity and innovation in addressing real-world problems.

Drawing on his experience with the Olabs project, Dr. Sasikumar exhibited the notion of Viksit Bharat, highlighting the importance of technology and innovative education methods. To meet the different requirements of his students, he emphasized the importance of transdisciplinary skills and interactive learning experiences.

Dr. Sasikumar concluded the event by teaching five important lessons: the insignificance of grades, the importance of all-around skill development, the value of interdisciplinary education, the effectiveness of interactive learning, and the recognition of educational challenges.

Dr. J. M. Nair (Principal, VESIT) felicitaing guest speaker Dr. M. Sasikumar (Executive Director, C-DAC)

Beat Stress with Harmonic Healing

~Suhanee Kandalkar

On March 9, 2024, the VESIT Women Development Cell, in collaboration with **VESIT-IIC (Institution's Innovation Council)** and **IQAC (Internal Quality Assurance Cell)**, organized an event titled "**Stress Management by Music Therapy**" at the VESIT auditorium. The event was convened in commemoration of International Women's Day. Beginning at 1 pm, the event aimed to shed light on the significance of stress management, particularly among women, and explore the therapeutic benefits of music in alleviating stress.

The distinguished speaker for the occasion was **Mrs. Sunita Gangrade** (M.A. gold medalist, Indian Classical Music). With a prestigious accolade as the winner of the "Lata Mangeshkar Alankaran Samaroh" in Khandwa (MP) in 1995, Mrs. Sunita currently serves as Faculty (Vocal and Harmonium) at Somaiya School of Music, Vidyavihar Mumbai. Her expertise in the field lent depth and credibility to the discourse on using music as a tool for stress management. Mrs. Gangrade emphasized the significance of various Ragas, including Bhairav, Yaman, Bhopal, Shivranjini, Khamaj, Jay Jay Wanti, Bihag, Malkaunsa, and Bhairavi, in addressing ailments such as headaches, stress, high and low blood pressure, anemia, general weakness, and depression. She delved into the nuances of how

Mrs. Sunita Gangrude (M.A. gold medalist, Indian Classical Music) felicitated Dr. (Mrs.) J. M. Nair (Principal, VESIT)

different genres of music, especially Indian classical music, can positively impact mental well-being and aid in stress reduction.

Aligned with the overarching theme for International Women's Day that year, "**Invest in Women: Accelerate Progress #Inspire Inclusions**," the event not only addressed the pressing issue of stress management but also underscored the importance of empowering women and fostering inclusivity in all spheres of life. Through interactive sessions, attendees gained practical insights into incorporating music therapy into their daily routines to enhance their overall mental health and well-being. These sessions provided valuable techniques for stress management and highlighted the benefits of using music as a therapeutic tool.

As a result, the event not only raised awareness about the importance of stress management but also inspired attendees to prioritize their mental health. It encouraged them to explore alternative avenues, such as music therapy, to navigate the challenges of everyday life.

Faculty members and working staff all actively participated in this Women's day celebration at VESIT

Celebrating VESIT Alumni Day 2024

~Shreya Nalawade

The **Alumni Day** for VESIT, organised by **VESIT Alumni Association (VESITAA),** took place on Saturday, 6th January 2024, at the VESIT Second Floor-Amphitheatre. The event saw **220 registrations** and celebrated the **Silver Jubilee of the Batch of 1998**. Dignitaries included **Shri B. L. Boolani** (Managing Trustee, VESIT), **Dr. J. M. Nair** (Principal, VESIT), **Dr. Mrs. Vijaylakshmi** (Vice Principal, VESIT), VESIT Alumni Committee members, Heads of Departments, Deputy Heads of Departments, and Senior Faculty members. The event commenced with a lamp-lighting ceremony led by Principal Dr. Mrs. J. M. Nair, **Mr. Vijay Talreja** (Alumni President, VESITAA), **Mr. Amit Rambhia** (Chairman and Managing Director, Panache Digilife Ltd.), **Mr. Anup Mhatre** (Director, Planning and Strategy Chapter Management and Operations of MSME and Startup-Forum Bharat), and other dignitaries.

(L-R): Alumni and Dignitaries present in Alumni Meet - Mr. Amit Rambhia (Chairman and Managing Director, Panache Digilife Ltd.), Mr. Anup Mhatre (Director, Planning and Strategy Chapter Management and Operations of MSME and Startup-Forum Bharat) and Mr. Vijay Talreja (Alumni President, VESITAA)

(L-R): Dignitaries present in the Meet - Shri B. L. Boolani (Managing Trustee, VESIT), Dr. J. M. Nair (Principal, VESIT), and Dr. Mrs. Vijaylakshmi (Vice Principal, VESIT)

The welcome address was delivered by Alumni President Mr. Vijay Talreja. Principal Dr. J. M. Nair announced VESIT's conferred Autonomous status by UGC for 10 years starting from the academic year 2023-2024, and the implementation of the National Education Policy (NEP) 2020 from the same academic year. She highlighted that NEP 2020 promotes holistic student development by integrating co-curricular activities, sports, arts, and vocational education into the curriculum. Additionally, she shared VESIT's achievements and developments in 2023. On behalf of VESITAA, a **scholarship of Rs. 25,000** was awarded to one student from each department: ECS, AURO, EXTC, MCA, IT, CMPN, and AIDS. Mr. Vijay Talreja presented the scholarship certificates. The "WAVES" magazine was unveiled by Mr. Vijay Talreja, Mr. Amit Rambhia, Mr. Anup Mhatre, **Dr. Manoj Sabnis** (Deputy Head, Department of Information Technology), and **Dr. Gresha Bhatia** (Deputy Head, Department of Computer Engineering).

(L-R): Dr. Manoj Sabnis (Deputy Head, Department of Information Technology), and Dr. Gresha Bhatia (Deputy Head, Department of Computer Engineering) unveiled the magazine "Waves"

Mr. Amit Rambhia encouraged the cultivation of entrepreneurs, not just engineers, at VESIT, emphasizing the importance of fostering innovation and business acumen. Mr. Anup Mhatre highlighted the significance of alumni networking and future prospects, urging alumni to support VESIT's growth and development.

During an open floor session, alumni members shared their thoughts and experiences, creating an engaging and interactive atmosphere. The event showcased VESIT innovation projects under the "Techade Zone" from all departments, demonstrating the creative and technical prowess of current students. Entertainment was provided by the VESIT Music Council and the VESIT Dance Crew (VDC), with performances by current engineering students adding vibrancy and energy to the event. The program concluded with live chat counters and a sumptuous dinner, which facilitated networking among alumni, professors, and friends, further strengthening the VESIT community.

Scholarships for a Brighter Future

~Gargi Angne

The scholarship distribution event "**Shishyavrutti Yojana 2023-24**" transpired on 4th March 2024 from 12 pm to 1 pm. This event aimed to recognize and reward academic excellence and financial needs among the students. It took place in the auditorium in the presence of **Dr. J. M. Nair** (Principal, VESIT), faculties, students and Jadavpur University Alumni Association (JUAA) members. The panel of dignitaries included **Cdr. S. K. Jana** (Member, JUAA), **Prof. Amal S. Roy** (Member, JUAA), **Shyama Ray** (Chairman, JUAA), **Sukumar Pramanaik** (Secretary, JUAA), **Anjan Chatterjee** (Treasurer, JUAA), **Mrs. Mahau Guha** (D/O Late R.M. Bardhan).

The introductory rituals of the opening address given by **Dr. Sharmila Sengupta** (Associate Professor, Computer Department), lighting the lamp by Dr. J. M. Nair and the JUAA trust members, followed by the rendition of the Saraswati Vandana betided. The trust members were felicitated and Dr. J. M. Nair highlighted the college's commitment to nurturing talent and providing equal opportunities to all students, regardless of their financial background.

Vivekananda Jyoti scholarship, Student Aid scholarship and Jadavpur University scholarship were given to students across all branches of VESIT. The event's highlight was the distribution of scholarships to the selected students. They received their scholarship letter from the Principal, as well as the Jadavpur certificate and memento from the trust members.

(L-R): Dr. J. M. Nair (Principal, VESIT) on the stage along with the panel of dignitaries - Cdr. S. K. Jana (Member, JUAA), Prof. Amal S. Roy (Member, JUAA), Shyama Ray (Chairman, JUAA), Mrs. Mahau Guha (D/O Late R.M. Bardhan), Sukumar Pramanaik (Secretary, JUAA), and Anjan Chatterjee (Treasurer, JUAA)

Dr. J. M. Nair (Principal, VESIT) awarding scholarship to a deserving student

Dr. Sharmila Sengupta (Associate Professor, Computer Department) addressed the opening rituals

During the Shishyavrutti Yojana 2023-24 event, a sense of pride and excitement filled the air as scholarships were awarded to deserving students. The **VES Scholarship**, totaling **Rs. 6,25,000**, was given to **37 student**s, providing crucial support for their education. The **Alumni Scholarship,** amounting to **Rs. 1,50,000**, was awarded to **6 students,** reflecting the alumni's commitment to giving back.

Additionally, the **Non-VES Scholarships,** totaling **Rs. 23,06,473,** were awarded to **37 students,** demonstrating a strong dedication to supporting academic aspirations regardless of financial constraints. Overall, **Rs. 30,81,473** (Thirty lakhs eighty-one thousand four hundred seventy-three) was distributed among **80 students,** highlighting the community's commitment to fostering academic growth and providing equal opportunities.

VESIT DIARIES

Mr. Jigar Kanadia (Batch of 2010, Department of Information Technology), presently holding the position of Product Owner at LearningMate Solutions Inc. shares his experience in VESIT and how he succeeded in his life goals.

How was your experience once you graduated?

It was very great. I started my engineering journey by completing my diploma from Shah and Anchor college of engineering and i always wanted to join VESIT because it had 100% placements, it had good mentors and faculties. Under the guidance of my mentors, I cleared my interview and I was a quick yes to my interviewers

How was your experience and what made you think that I can do better than this?

I am not into startup and I am someone who is still doing a job. Only difference is that switching from one job to another job. One is people running behind the package, at times it is not that good. For me, it was always about learning new things, I have spend my 10 years of careers across 4-5 different domains, these learnings are important for me because wherever i go I can participate in talks. I dont want to become a sider because two people are talking about insurance and i dont have knowledge about insurance.

How the idea of LearningMate Solutions came ?

I was always interested about learning about new domains. Covid hit us very hard. I have a 4 years old child and when i was planning to get him enrolled into a school I thought that the nature of education has changed. In our times it was just ssc board, cbse board but now we have so many options. Like VESIT was first coming under Mumbai University but now it has become Autonomous. People are ready to accept new changes in education. Colleges want to become autonomous so that they can introduce new syllabus and come with their own course content. So i thought that EDTech is an great domain to contribute back to.

You went to George Washington University, how was your experience and its role in your life and when should one go for higher studies?

There are two ways to answer this. First is one should opt for higher studies if they are clear about their goals, they should already know what i want to do and where I want to be. Just because your friends are going or relatives are going you want to go, dont do that. If you have ample of things running in your mind, give yourself some time. You went for a job, got frustrated in two years and you dont want to do the job. Even after having strong academic background it is of no use. Second is giving yourself some time, evaluating yourself. No teachers no exams can evaluate you but you yourself.

Suppose there are 2 students, one is interested in coding but dont know which domain is good for him/her and other is not interested in coding but is interested in the processes related to it. How should these two students find their way?

They should first check how did they evaluated themself. Whether it was marks, compliments, etc. Its really important to understand how did student a come up with thinking that he is good in technology and vice versa. I was good in coding and especially database management related stuff. I could have got into roles like database management, database architect, etc. but in the process of evaluating myself i found that this is some thing i enjoy but not something i want to pursue my career in. So i got feedback from my superiors, this is very important to get feedback from managers, tech leads, etc. They can give you insights that no one can give you. People tend to avoid weaknesses and

Product Owner at LearningMate Solutions Inc. Mr. Jigar Kanadia (Batch of 2010, Department of Information Technology)

the ego comes into middle. Dont be in hurry, dont think that person has achieved so much in 25years of his life i have done nothing. There is no problem in achieving something in 45yrs age.

Last question but not the least, what is your advice who want to start a start a startup and those who have a startup but are not getting the results they want?

K: So one big advice is that, work on the idea you have thought continuously and reiterate on the idea. Find whether that the idea is solving my problem or others problem also. Many times a idea may solve your problem but not others. Get the feedback on your idea from seniors, friends, domain experts,etc. For example if you want to start a business in retail sector, get it consulted by someone who world in retail sector. If you get the feedback from wrong person then it is of no use.

Thomas A. Edison

Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.

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Arise! Awake! And do not stop until your goal is achieved

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