

VESIT



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“ The future belongs to those who embrace the power of AI and work in harmony with their new colleague, GPT-3



EMBRACING GPT3

Adapting with our
new AI colleague

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EMBRACING GPT3 - ADAPTING WITH OUR NEW AI COLLEAGUE

~ Gaurang Desai

In this era of rapid technological advancement, our interactions with artificial intelligence are becoming increasingly intertwined with our daily lives. As we stand at the forefront of a new era, it's essential to explore how we can effectively embrace and adapt to the presence of GPT-3 as our new AI colleague.

GPT-3, short for "Generative Pre-trained Transformer 3", represents a significant leap forward in the field of artificial intelligence. This model is designed to understand and generate human-like text, allowing it to engage in conversations, write articles, compose poetry, and even code. With its impressive capacity to comprehend context and mimic human language patterns, GPT-3 has captured the imagination of developers, businesses, and researchers. Rather than viewing GPT-3 as a replacement for human creativity, we should recognize its potential as a valuable collaboration tool. It can assist writers, marketers, programmers, and professionals across various industries by generating ideas, suggesting solutions, and providing quick access to information.

In the coming years, AI models like GPT-3 are likely to become even more integrated into our daily lives. As we adapt to this evolution, it's crucial to maintain a human touch in our interactions and conversations. GPT-3 can be a powerful tool, but it's our responsibility to guide its use to ensure it enhances our abilities without diminishing our unique qualities as individuals.

By recognizing the potential of GPT-3, integrating it thoughtfully into our workflows, and upholding ethical standards, we can harness the power of AI to amplify our capabilities and usher in a new era of collaboration between human creativity and artificial intelligence.

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EDITORIAL

The New year brings with it a lot of hopes, dreams and aspirations. It is time to restructure and reorganize ourselves to adapt to changes so that we can adopt the changes gracefully.

New year is also a time for resolutions to improve quality of work, quality of life and attain a better work-life balance.

With the new year, VESITConnect has incorporated the following changes.

The newsletter will be released once in a quarter henceforth. The newsletter will be theme based.

We hope that the changes will benefit both readers and the team working on it.

"Every Man who knows how to read has it in his power to magnify himself, to multiply the ways in which he exists, to make his life full, significant and interesting"

--Aldous Huxley

To this vision we are committed....

Happy reading.



Mr. A. Nagananda
Chief Editor



Tanya Dubey
Student Chief Editor

in collaboration with the Indian Air Force. This event showcased the remarkable synergy between academia and industry, providing our students with valuable insights into the world of aerospace technology.

In the realm of sports, the V.E.S. Institute of Technology's team achieved remarkable success, clinching victory in both the 'Shri Mahesh Tejawani Table Tennis Tournament' and the 'Volleyball finals match.' Their dedication and sportsmanship exemplify the spirit of excellence at VESIT.

Our annual tech-fest, Praxis, witnessed a series of intellectually stimulating events. VESIT Renaissance Cell (VRC) and VESIT E-Cell, in association with VESIT's Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC), organized 'VESIT Hacks.' Meanwhile, the Electronics department's Tinkerer's Lab hosted a captivating 'Robotics Workshop.' CSI-VESIT brought intrigue and excitement with events like 'Code Knights,' 'Sherlock and Watson,' and 'The Amazing Race.' ISA-VESIT engaged participants with 'Scavenge to Build,' 'The TechGame Quadrangle,' and 'Technovation.' ISTE-VESIT challenged minds with 'Dalal Street' and 'Caribbean Escapade,' while IEEE-VESIT enthralled with 'Money Heist,' and the Entrepreneurship Cell (E-Cell) hosted 'VESIT Valley.'

Academic departments also played a pivotal role in nurturing innovation. The Electronics and Telecommunication Department, in collaboration with IIC and IQAC, organized 'Avinya,' showcasing cutting-edge research. The Computer Engineering Department hosted 'Pradarshani 2022-23,' a platform for students to exhibit their innovative projects. Students impressed with their inventive

ideas during 'Looking Beyond Syllabus.'

The Department of Electronics Engineering captivated audiences with the 'Sci-Tech Fair,' showcasing the latest advancements in the field. The Department of Computer Engineering elevated technology enthusiasts' spirits with 'BuzzPro '23' and 'Invictus 2023,' providing a platform to unleash their coding prowess. Codecell-CMPN conducted the 'Syrus Hackathon 2023,' challenging participants to push the boundaries of innovation.

Educational enrichment continued with VESIT-IIC organizing an orientation for faculty members. QuestIT facilitated 'Career Connect' in collaboration with the INFT and AIDS department, fostering career growth opportunities for students. The INFT Department, IIC, and IQAC jointly organized a workshop on 'Kubernetes,' empowering students with crucial skills in cloud computing. The Department of AIDS, in partnership with IIC and IQAC, hosted an enlightening workshop on 'Search Ecosystems.'

Lastly, we proudly highlight the journey of Sagar Sudhakar Gosavi, a 2003 graduate from Electronics and Telecommunications. His inspiring decision to transition from IT roles to becoming a brand ambassador and founder of SGP Photo Tours & Expeditions serves as a testament to the entrepreneurial spirit nurtured at VESIT.

In every facet of our college, from academics to sports and entrepreneurship, VESIT continues to shine as a beacon of excellence and innovation. We applaud the efforts of our students, faculty, and alumni for their unwavering dedication to our institution's growth and success. Stay tuned for more stories of achievement and inspiration in the future editions of VESITConnect.

Welcome to another exciting edition of VESITConnect, where we endeavor to celebrate the accomplishments and contributions of our college. Each endeavor deserves recognition and applause, from groundbreaking research to artistic expression, from community initiatives to personal triumphs.

The Training and Placement Cell, in association with VESIT IIC, recently organized the 'Induction Program Exhibition Vehicle' event

HIGHLIGHTS

Avinya-2023, a one-day program celebrated as Technology Day, was held on 20th March 2023 in Lab no. 401, 402, and 403. The event aimed to showcase a selection of exemplary final-year projects developed by the students of the department. This event served as a platform for students to think beyond the conventional and explore advanced and novel approaches to solve real-world problems.

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On 20th of March, '**Sci-Tech Fair**' was organized by the **Department of Electronics Engineering** that was conducted in the labs - 201, 202, 205, 215. The participants demonstrated their projects to the students and the panel of Judges who accordingly decided the winners of the Project Exhibition. The aim was to inculcate an innovative and technological mindset in the students.

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LBS (Looking Beyond Syllabus), an annual project competition organized by VESIT focuses on exposing students to emerging technologies and providing them with opportunities to work in multidisciplinary teams. This year, '**LBS I2I: Idea to Implementation Competition 2022-23**' was put forth as the current edition. Registration dates and rules were announced and the competition is to be held in two stages.

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On February 19th, 2023, the VESIT Students' Club organized a Musical Drama '**Prabho Shivaji Raja**' showcasing the life of Chhatrapati Shivaji Maharaj, in collaboration with VESIT EBSB, VESIT Cultural Council, VESIT Music Council, and VESIT PhotoCircle. The program was also broadcasted on the Aapla Maharashtra channel of **DD Sahyadri** and also immense praise and appreciation from the audience and esteemed Principal.

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On February 1, an '**Induction Program Exhibition Vehicle**' was held by the **Indian Air Force** for the students of the second year of Vivekananda Education Society's Institute of Technology. This event was organized in the college's auditorium by **Dr. Abhay Kshirsagar, Mr. A Nagananda, Dr. Dasharath Mane**, and the placement officers from all the departments. The main aim of this session was to create awareness about the opportunities our Indian Air Force has to offer and ignite the passion in the souls of the youth for serving our beloved nation through stories of the great valour of our soldiers during the Indo-Pak War, Operation Ganga, etc. This event was very informative; students gained knowledge about the examination, selection criteria, syllabus of the examination, etc. for the IAF. The main highlight of this event was IPEV. The majestic vehicle, which acts as a mobile exhibition on wheels, houses the main aspects related to the Indian Air Force.

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08

Empowering Minds: A Sky-high Dialogue with Indian Air Force Pilots

The victory in '**Shri Mahesh Tejawani Table Tennis Tournament**' adds another name to the list of the achievements of VESIT. The tournament was held from 5th January 2023 to 13th January 2023. Mr. S Ramaswamy, the former Indian Table Tennis player was the guest of honor. The Tournament was an intraVES tournament comprising of VES institutes.

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Hard work always pays off and to acknowledge the hard work of the meritorious students, the '**Scholarship Distribution**' event was organized by Vivekanand Education Society's Institute of Technology (VESIT) Scholarship Team on 14th March, 2023 in the Auditorium. Jadavpur Alumni Association Trust Scholarships and VESIT Scholarships were distributed to deserving and meritorious students.



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Prarambh 2023, the very first memorable event for FE started on 26th December. The event comprised various events including Meme challenge, Trend-O-Mania, Poster Making, Scandal Writing, and Treasure Hunt but the major attraction being Mr. and Mrs. Freshers, Group Dance, and Artist Assemble. Being an intraclass event, Best Class Award was given to D4A.

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A single drop of blood can make a huge difference, and with this thought, a Blood Donation Camp was organized by the Social Responsibility Team (**SoRT**) in association with **J J Blood Bank** at the Drawing Hall on 22 March 2023. Students and faculties all came together to support the noble initiative. Along with it, Free Thalassemia Test and Free Eye Checkup were also conducted.

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Visuals from Blood Donation Camp

ACHIEVEMENTS

Triumph at Chhalaang: VESITians Soars High

~Joanna Sanju

On the 10th of December, an inspiring event took place at the Microsoft Office in Santacruz, Mumbai, India – the **Chhalaang's Women Only Hackathon**. This all-India women's hackathon, organized by Passion Connect, brought together female tech enthusiasts from all corners of the country to showcase their skills and creativity. The event was a resounding success, with approximately 30-35 teams and 5 esteemed companies presenting their problem statements to be tackled by these brilliant minds.

Among the participants, Team BirdiePod, representing their college, stood out as shining stars. Comprising team leader **Yashvi Dhar** (TE-CMPN) and her remarkable team members **Aayushi Salunkhe** (TE-CMPN), **Aarya Lotke** (TE-CMPN), **Vishakha Kulkarni** (TE-CMPN), and **Madhura Mhatre** (TE-CMPN), this dynamic group demonstrated exceptional talent and collaboration. Their efforts earned them the prestigious second place in the competition, along with a grand cash prize of 3 Lakh rupees.

What set Team BirdiePod apart was their innovative approach to solving a problem presented by the IDfy company. They exhibited remarkable teamwork and ingenuity by meticulously analyzing the problem statement and connecting it to real-

world scenarios. Their solution was nothing short of groundbreaking—a sophisticated AI/ML model capable of estimating the average salary potential of a student and determining their eligibility for an education loan to pursue a career or degree abroad.

This achievement by Team BirdiePod serves as an inspiration to aspiring female technologists across the nation. It showcases the limitless possibilities that await those who dare to venture into the world of technology and innovation. It sends a powerful message that women can excel in technical fields and make significant contributions to the ever-evolving world of artificial intelligence and machine learning.

Chhalaang's Women Only Hackathon not only celebrated the talents of women in tech but also underscored the importance of inclusivity and diversity in the industry. It demonstrated that when women are given the opportunity and support they deserve, they can excel and innovate alongside their male counterparts.

In conclusion, the success of Team BirdiePod at the Chhalaang's Women Only Hackathon is a testament to the incredible potential that lies within India's female tech community. It encourages more women to participate in exciting technical events, break barriers, and drive meaningful change in the

technology landscape. Passion Connect and the organizers of this hackathon deserve commendation for their efforts in promoting gender equality and fostering a culture of innovation among women in tech. The future undoubtedly holds even more remarkable achievements from these talented individuals, as they continue to push the boundaries of what's possible in the world of technology.



Winners of Hackathon: Team BirdiePod

A Showcase of Innovation and Talent

~Joanna Sanju

On the 22nd of January 2023, the third edition of Prometeo, the **National Technical and Entrepreneurial Festival** organized by IIT Jodhpur in collaboration with NVIDIA, marked a significant milestone in the realm of technological and entrepreneurial excellence. Among the myriad of brilliant participants, **Sahil Dodeja** (TE-CMPN), **Gunjan Chhaproo** (TE-CMPN), and **Neeta Narang** (TE-CMPN) represented our college with distinction, securing a commendable 5th rank in the competition.

Prometeo: A Catalyst for Technological Advancement

Prometeo stands as a testament to the unyielding spirit of innovation and entrepreneurship that thrives within the youth of India. This annual festival has become a cornerstone event in the technical and entrepreneurial landscape, serving as a platform for budding talents to nurture their skills and unleash their creative potential. Prometeo is not just a festival; it is a grand celebration of knowledge, innovation, and aspiration.

Unprecedented Participation

One striking feature of Prometeo is its ability to attract a massive number of participants. The previous online edition witnessed an astonishing registration count of approximately 5,000 individuals from every nook and cranny of the nation. This staggering number highlights the festival's popularity and its undeniable role in inspiring the youth to embrace technology and entrepreneurship as vehicles for change and progress.

Prometeo's Impact on the Youth

Prometeo has emerged as a harbinger of change in North-Western India's technological and entrepreneurial landscape. It has succeeded in nurturing a generation of forward-thinkers, problem solvers, and innovators. By providing a platform for students to showcase their talents, exchange ideas, and learn from industry experts, Prometeo has been instrumental in equipping the youth with the skills and mindset necessary to drive India's technological future.

Partnership with NVIDIA

The collaboration between IIT Jodhpur and NVIDIA adds a unique dimension to Prometeo. NVIDIA, a global leader in AI and GPU technologies, brings invaluable industry expertise and resources to the festival. This partnership not only elevates the quality of the event but also offers participants the chance to engage with cutting-edge technologies and gain insights into the latest industry trends.

In conclusion, Prometeo 2023 stands as a shining example of the boundless potential and enthusiasm that young India harbors for technology and entrepreneurship. It exemplifies the power of collaboration, innovation, and knowledge-sharing in shaping a brighter future. As Prometeo continues to evolve and inspire, it will undoubtedly play a pivotal role in nurturing the next generation of tech pioneers and entrepreneurial leaders. It is a testament to the belief that with the right opportunities and platforms, the youth of India can accomplish remarkable feats that propel the nation forward on the global stage.

When Tech Meets Innovation

~ Vinit. S

The **CiiA-2 Innovation Exhibition**, 2K23, held from the 1st to the 3rd of February 2023, proved to be an eagerly awaited national-level event that successfully brought together innovative minds from across the country to showcase their remarkable talents. This three-

day extravaganza, hosted at the prestigious Nehru Centre in Worli, Mumbai, was not just an exhibition but a celebration of innovation, creativity, and the spirit of entrepreneurship.

One of the key highlights of the CiiA-2 Innovation Exhibition was the enticing cash

prize of 5 Lakhs, which undoubtedly served as a major incentive for participants to present their groundbreaking ideas and inventions. This generous prize served as a testament to the event's commitment to fostering innovation and recognizing outstanding talent in various fields.

Among the many participants who took part in this innovation fest, a team of three third-year students from VESIT, namely **Prajwal Poojari** (TE-ETRX), **Naimatullah Mullah** (TE-ETRX), and **Sakshi Kale** (TE-ETRX), etched their names into the annals of the event's success. Representing their college with pride and passion, they managed to secure the coveted Certificate of Merit for their innovative project.

Their project, aptly named "A Hand Gesture Control Wheelchair," was nothing short of groundbreaking. In a world where assistive technology continues to evolve, their idea stood out as a beacon of innovation and inclusivity. The concept of a wheelchair that can be controlled through hand gestures has the potential to greatly enhance the mobility and independence of individuals with physical disabilities.

What truly set the VESIT team apart was not just their ingenious idea but their ability to execute it effectively. The fact that their project made it to the top 100 in a highly competitive list of innovations speaks volumes about their dedication, creativity, and technical prowess.

The CiiA-2 Innovation Exhibition, 2K23, undoubtedly served as a platform for the brightest minds in the country to come together, exchange ideas, and inspire one another. It showcased the transformative power of innovation and its ability to address real-world challenges. The success of Prajwal Poojari, Naimatullah Mullah, and Sakshi Kale from VESIT not only reflects their exceptional talent but also the nurturing and encouraging environment provided by their institution.

In conclusion, the CiiA-2 Innovation Exhibition, 2K23, was a resounding success, bringing

forth some of the most innovative and promising ideas in the country. It served as a reminder that innovation knows no boundaries and that young minds are capable of revolutionizing the world with their creative thinking and dedication. The Hand Gesture Control Wheelchair project by the VESIT team is a testament to the potential for innovation to improve lives and make a positive impact on society.



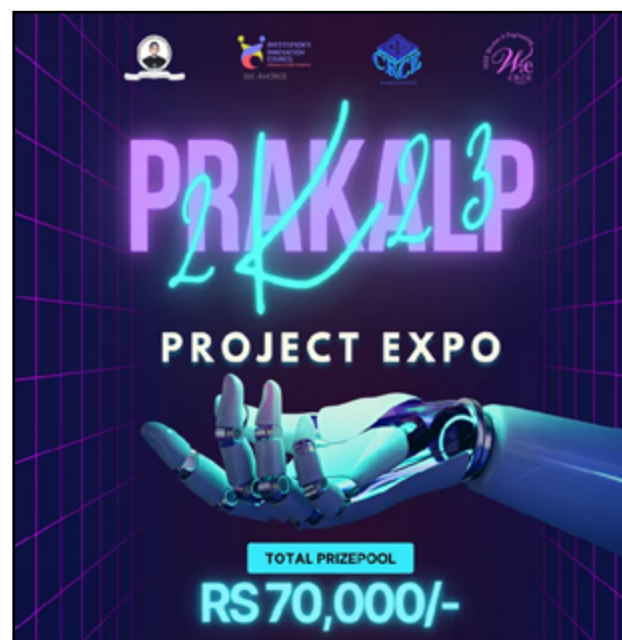
Team - A Hand Gesture Control Wheelchair

Triumph in Prakalp 2023

The team of Vivekanand Education Society's Institute Of Technology (VESIT) led by **Mrs. Ashwini Sawant** (Assistant Professor, Department of Electronics and Telecommunications Engineering) bagged the **Third Prize** in the Prakalp 2023. The team consisting of final-year students of the Department of Electronics and Telecommunications Engineering consisted of **Farheen Khan** (BE, Electronics and Telecommunications Engineering), **Heeral Chumber** (BE, Electronics and Telecommunications Engineering), **Riddhi Joshi** (BE, Electronics and Telecommunications Engineering), and **Arunkumar Marippan** (BE, Electronics and Telecommunications Engineering) brought honour to the college. The name of the project was 'Hydra Matsyapalan'.

Prakalp 2023, the project exhibition competition was organized under the **Institution Innovation Council (IIC)** and **Institute of Electrical and Electronics Engineers (IEEE)** by the **Fr. Conceicao Rodrigues College of Engineering**, Bandra on 10 March 2023 and started after 8 AM. The competition gives an opportunity for the participants to showcase their exceptional

ideas that lead to the betterment of society.



Prakalp 2023 Poster

The competition was organized with a total prize pool of Rs. 70000 and was divided into Software and Hardware domains with the winner of each domain rewarded with Rs.20000 and the

~ Brijesh Sharma

runner-up with Rs.15000. The software domain includes projects comprising Web Development Projects, Apps, AI/ML, Blockchain, etc., and the hardware domain expected projects that include Mechanical Projects, Microcontroller Projects, IoT Projects, Communication Systems, Robotics, Instrumentation, etc. It was organized into two rounds which included an online round and an offline round. The event experienced the innovative mindset of the budding engineers and provided a great experience to the participants.



Dr. Chandan Singh Rawat (Head, Department of Electronics and Telecommunication) and Project mentor Mrs. Ashwini Sawant (Assistant Professor, Department of Electronics and Telecommunication) felicitating the winning Team

Know your posture wins a consolation!

~ Avan S.

The IEEE of Lokmanya Tilak College of Engineering organized **Tantragyan 2K23**, a National Level working project competition for Degree and Diploma Engineering Students on the 28th of March 2023. This eagerly anticipated event attracted a multitude of colleges from across the nation, making it a remarkable gathering of students' talent.

The registration date for the same was 20 March 2023. The competition was open to both degree and diploma engineering students, with a maximum of four participants allowed per team. The entry fee for degree teams was set at Rs 700/-, while diploma teams paid Rs 600/-. Teams with vivid and creative projects from our college also participated in this event. Among all, our exceptional team guided by the mentor **Mr. Shobhit Khandare** (Assistant Professor, Department of Electronics

and Telecommunication) with 4 team members comprised of **Neha Makattil** (BE EXTC), **Vasudha Sasikumar** (BE EXTC), **Varun Arya** (BE EXTC), **V Anuparvathy** (BE EXTC) won the Consolation prize. '**Know Your Posture**' was a dynamic and forward-thinking project by them that exemplified the innovative spirit of engineering students.



Mentor of the team Mr. Shobhit Khandare (Assistant Professor, Department of Electronics and Telecommunication)



Dr. Chandan Singh Rawat (Head, Department of Electronics and Telecommunication) felicitating the winning Team

Tantragyan 2K23 not only provided a platform for students to showcase their technical skills but also fostered collaboration and innovation among aspiring engineers.

Delving into Indian Air Force By IPEV

~ Brijesh Sharma

The Training and Placement Cell in association with Institution's Innovation Council-VESIT organized the **Induction Program Exhibition Vehicle (IPEV)** event the Indian Air Force for the second-year students of Vivekanand Education Society's Institute of Technology. The event was conducted on the 1st of February in the Auditorium and was organized by **Dr. Abhay Kshirsagar** (Dean, Infrastructure), **Mr. A. Nagananda** (Training and Placement Officer, VESIT), **Dr. Dashrath Mane** (Deputy Training and Placement Officer, VESIT), and the Placement Incharges from all departments. IPEV is a modified Volvo Bus that has been modified into a mobile exhibition on wheels. The IPEV has been conceived and fabricated on the premise of a "Look, touch, and feel" basis wherein one has the opportunity to get hands-on experience with various elements in the IPEV.



Dr. Abhay Kshirsagar (Dean, Infrastructure), **Mr. A. Nagananda** (Training and Placement Officer, VESIT), **Dr. Dashrath Mane** (Deputy Training and Placement Officer, VESIT)

The main objective of the program was to introduce students to the Indian Air Force, entrance exams, selection criteria, etc for IAF. The guests for the event were **Wing Cdr. Mr. Ankit Kumar**, **Wing Cdr. Mr. Vipin Chakraborty**, **Flying Officer Mrs. Prerna**. The motto of the IAF, "Touch the sky with glory" was justified and the role of Indian Air Force, 1971 Indo-Pak war, Operation Ganga 2022, Fighter LCA, Rafale, MiG, Mirage2000 Transport-IL76 Helicopter (Cheetah, Mi17, AEW&C) was described.



Honorable IAF Dignitaries

The guests also interacted with the students and Flying Officer Prerna described her experience and became an inspiration for the students and raised their spirits saying 'It is Okay to fail'. Honorable Principal **Dr. (Mrs.) J.M. Nair** received a token from IAF and she thanked IAF dignitaries and the institute members. After the conclusion of the session, the students were explained in detail in an exhibition held in a van about the uniform

of the IAF, the functioning of aircraft, and much more, also the fighter pilot simulation was a major attraction. The event concluded with a vote of thanks to the IAF dignitaries.



IAF Officers interacting with the students



Honorable Principal Dr. (Mrs.) J.M. Nair receiving token of appreciation from IAF

VESITian gets selected for Y20 Summit

~ Anish Padhye

On 11th of March 2023, the fourth **Y20 Consultation** took place at the Symbois International University (SIU), Lavale, Pune in collaboration with the Ministry of Youth Affairs and Sports, Government of India. **Prachit Paralikar** (SE-INFT) of VESIT was selected in a team of 15 to represent our country. Representatives of the 20 countries from G20 took part in the event. It was a proud moment for our college as Prachit was representing India along with a delegation of 15 members.

The inauguration ceremony was held on 11th March at 11.45 AM. **Honourable Shri. Anurag Thakur** (Minister of Youth Affairs and Sports and Information Broadcasting) was the chief guest for the big event. The program was also graced by **Dr. Sundeep Waslekar**, President of 'Strategic Foresight Group' who was the keynote speaker. Youth 20 is an official consultation forum from all G20 member countries to be able to dialogue with each other. The theme for fourth Y20 Consultation was 'Peacemaking and Reconciliation: Ushering in an era of No War- The philosophy of Vasudhaiva Kutubakkam'.



Prachit Paralikar representing India and our college at the 'Y-20 Delegate meet'

Five sub-themes or topics were discussed in the meet including Vikas Politics in India as enabler in conflict resolution, Climate Action, Gender related conflict and reforms, Education and Legal Reforms needed for Social Change. It was a healthy discussion and some really good points and suggestions were presented by the young and talented representatives.



(L-R) Eminent Speakers from India, Argentina, Russia, Iraq and USA sharing their views on Educational Reforms in Y20 Summit

The Y20 encourages youth as future leaders to raise awareness of global issues, exchange ideas, argue, negotiate and reach at a consensus. It was a great achievement for VESIT as Prachit Paralikar represented our country on such a big stage and added a one more feather to our already rich and decorated cap.

The 'Big' Win at KJ Somaiya

~ Anish Padhye

On 3rd and 4th March 2023, VESLit's Debate team had visited K. J. Somaiyya to participate in the 'The Big Somaiya Debate' which is an annual debate competition organized by K. J. Somaiya University. A total of 10 students, a team of two each, from our college, took part in the debates to showcase their talents. Our contingent was led by Kaushal Jagasia, VESLit Student Head, and Noel Dason. It was a great experience for all of them as they spent the 2 days together and had some intense arguments with their fellow debaters out there.

The highlight of the 'Big Somaiyya Debate' was that the First Year students also got a chance to present their skills in front of an eager audience. It was the first time that the FEs participated in an inter-collegiate event. The event started with

the preliminary rounds in which the contestants were judged according to their performance in the two rounds. 4 out of 5 of VESIT'S teams got into the top 16 and one of them was a First Year team. That was an incredible achievement in itself. The quarterfinals were closely contested and there was some tough competition from KJ Somaiyya's students.

Noel Dason (TE-INFT) and Ananya Pandey (TE-CMPN) team got through to the Semi-Finals and performed brilliantly in the Semis to go into the finals in some style. Coincidentally our VESIT's Ex-Alumini team faced them in the final round. So it was VESIT versus VESIT in the finals. That added hype to the contest even more, especially for the First Year students who were closely watching their seniors and learning so much

from them. Noel Dason (TE-INFT) and Ananya Pandey (TE-CMPN) successfully secured runners-up position in final round.



Runners-up of the debate (L-R): Noel Dason (TE-INFT) and Ananya Pandey (TE-CMPN)

SSBF Debate Win

On 3rd March 2023, SSBF (Symbiosis School of Banking and Finance) had organized an inter-collegiate debate competition as a part of the Youth-20 Summit. It was held at Lavale, Pune in a hybrid mode. The philosophy of 'Vasudhaiva Kutubakkam' was given the utmost importance in the event. Prachit Paralikar (SE-INFT) and Harsh Jain (SE-AIDS) from our college participated in the event and won big. Their team won a cash prize of Rs 2000/- and Prachit was selected for Y-20 Delegate meet which

was happening later in the month. This whole event was supported by the Ministry of Youth Affairs and Sports, Government of India.

The themes for the debate were 'Industry 5.0: Revolution or Restructuring' and 'Building the financial architecture for financial inclusion in the rural medium'. Both the topics were challenging and yet invoked interest and awareness in the participants. Each participant was given 10 minutes for presenting the argument (for/against) and additional five minutes to counter-arguments.

~ Anish Padhye



Winners of the debate (L-R): Prachit Paralikar (SE-INFT) and Harsh Jain (SE-AIDS)

Triumph In Table Tennis Tournament

~ Preeti Khamkar

The victory in Shri Mahesh Tejawani Table Tennis Tournament adds another name to the list of the achievements of VESIT. The tournament was held from 5th January 2023 to 13th January 2023. Mr. S Ramaswamy, the former Indian Table Tennis player was the guest of honor. Teams playing in the tournament were VES Institute of Technology, VES College of Arts, Science and Commerce, VES College of Pharmacy, VES Institute of Management Studies, and VES Business School.

VES Engineering Team members included the captain of the team, Anuj Bagad (TE-CMPN),

Anish Gawde (TE-INST), Priyank Kulkarni (SE-INFT), Arya Banavali (SE-CMPN), Shruti Devlekar (TE-AIDS). In the semi-finals, which took place on 9 January 2023, VES Institute of Technology played against VES Business School, and VES College of Arts, Science, and Commerce against VES Pharmacy. VES Institute of Technology defeated the opponent team with a score of 3-0.

VES Engineering won the finals with a score of 3-1, the opponent team being VES Degree. On 13th January 2023, the winning team was awarded medals and a trophy by Mr. Ramaswamy.



Winners receiving trophy by the guest of honor (L-R): Austin Coutinho (Visiting Faculty, IISM & Director of Sports, VES), Mr. S Ramaswamy (Former Indian Table Tennis Player), Arya Banavali (SE-CMPN), Anuj Bagad (TE-CMPN), Priyank Kulkarni (SE-INFT), Anish Gawde (TE-INST), Shruti Devlekar (TE-AIDS)

You Can't Be A Winner And Be Afraid To Lose

~ Suhanee Kandalkar

Throwball's championship match between VESPharmacy and VESEngineering took place on January 13, 2023, at 3:00 p.m., with nine of our top female players on the field - Smriti Karn (D16A), Harshita Anala (TE-AIDS), Bhavya Kurup (TE-INFT), Suhanee Kandalkar (SE-AIDS), Saumya Tripathi (SE-CMPN), Sanskruti Nawander (FE-AIDS), Gazal Keshwani (FE-CMPN), Payoshini Khekale (SE-INFT), Kanak Pendse (SE-INFT). The engineering team won each set played, but the pharmacy team never gave up.

It was as intriguing as it could have been. All were utterly enthralled by the intravenous throwball finales. Both teams were completely focused on

winning the game. Despite losing their captain to an unavoidable interview, the VES engineering team managed to put up a valiant fight against the VES pharmacy team. A new replacement was made overnight to maintain the game's headcount since no substitute was available to play. The audience and our special guest, Mr. S Ramaswami sir, a 30-time national champion, never got up because they were very absorbed in the match's twists and turns. Up until the very last second, no one could have guessed who would win. The game was ultimately won by VESPharmacy, placing VESEngineering as the runner ups.



Runners-up of the championship (L-R): Bhavya Kurup (TE-INFT), Sanskruti Nawander (FE-AIDS), Payoshini Khekale (SE-INFT), Suhanee Kandalkar (SE-AIDS), Harshita Anala (TE-AIDS), Saumya Tripathi (SE-CMPN), Kanak Pendse (SE-INFT)

Reaching The Final Step

~ Gargi Angne

The 13th of January, 2023 saw a huge competition for the shining trophy of the volleyball finals match between the boys from 2:30pm. The V.E.S. Institute of Technology's team played against the V.E.S. Polytechnic team in this match on the V.E.S. Polytechnic ground.

The V.E.S. Institute of Technology's team jostled till the very end to emerge as the Runners up of the match. The match ended with a 3-2 score.

Arya Hirlekar (TE-EXTC), the captain of the volleyball team shared his experience, "I would firstly like to thank V.E.S sports Academy for conducting such a great tournament and our Sports council for showing faith in me and giving me the captaincy duties. Well, the tournament started off with a cracking contest of VESIT vs V.E.S Degree which was the final contest again. I am proud and happy of all my teammates and we will continue to make VESIT proud by bringing more glory in volleyball."



The team, (L-R) Niraj Divekar, Atharva Mauskar, Siddesh Kadam, Harshad Sonawane, Arya Hirlekar, Rohan Chavan, Sagar Panigrahy, Vivek Gupta and Atharva Patil, was felicitated by Mr. Vinay Gudi (Chief Financial Officer, VES)

TECHNICAL COMPETITIONS

Praxis

VESIT Hacks Ignites Innovation

~ Riya Varyani

VESIT Renaissance Cell (VRC) and VESIT E-Cell In Association with VESIT - Institution's Innovation council and VESIT - Internal Quality Assurance Cell organized **VESIT Hacks**. This event was organized from 27th February to 4th March from 8:00 AM to 5:00 PM. It was an online event but the last day was conducted offline in the college's library. The coordinators of VESIT Hacks were **Mrs. Sukanya Roychowdhury** (Assistant Professor, Department of Information Technology) and **Dr. Anjali Yeole** (Deputy HOD, Department of Artificial Intelligence and Data Science). This event was judged by **Mr. Vijay Talreja**, VES Trustee, **Mr. Abhishek Srivastava**, Managing Director, TEKNOBUILT **Mr. Bharat Aswani**, VES Trustee.

This was a competition event in which students were required to make a team of 6. Every team had to build a centralized dashboard for the registration and reports of the events conducted by the college, this work was assigned to them on 28th of March. The main aim of this event was to provide an opportunity of learning new things to the students. 48 teams registered for this event out of which 27 qualified for the 2nd round. On

1st March, the students explained the design, structure, implementation and architecture of their work and on 2nd March, the data links and screenshots of implementation were submitted, this was the criteria for selection for the 2nd round. Only 7 teams were able to make it to the final round. This was an amazing initiative taken by the college because students were able to learn new things, they learnt how to build a website or an app in order to find the solution for the given problem and this will help them in their career.

Team Debug Thugs secured the prestigious **1st prize** in the **VESIT Hacks competition**. Led by **Singh Priyanshu Vinay**, the team included **Tejas Patne, Deepak Prasad, Rohan Singh, Sneha Kadambala, and Abhishek Thorat**. Their exemplary teamwork, creativity, and technical skills propelled them to the top position.

Taking home the **2nd prize** was Team Giggabyte, led by **Sakshi Gattani**. The team members, including **Ekta Rohra, Prasanna Sridharan, Neel Gupta, Mayur Chaudhari, and Farheen Khan** (BE-EXTC), demonstrated their impressive capabilities in problem-solving and innovation.

Meanwhile, Team Syntax Terror claimed the **3rd prize**. Led by **Mcvean Soans** (BE-EXTC), the group comprised **Nikita Khabya** (BE-INFT), **Riya Shukla** (BE-CMPN), **Akhil Chakkungal** (BE-CMPN), **Dhruv Sachdev** (BE-CMPN), and **Janhavi Patil** (TE-INFT). Their combined efforts and dedication earned them recognition for their outstanding performance.

The success of these winning teams, along with the overall participation displayed throughout the event, reflects the dedication of VESIT Renaissance Cell, VESIT E-Cell, and their collaborating partners to foster innovation, collaboration, and technical skills among students. VESIT Hacks serves as a testament to the college's commitment to nurturing talent and creating an environment that encourages creative problem-solving.



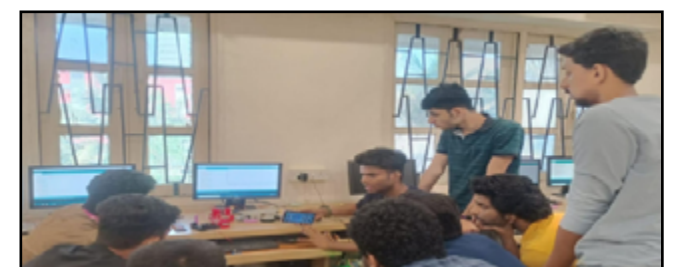
First Prize Winners: Team Debug Thugs

Roadway To Robotics

~ Joanna Sanju

A very interactive '**Robotics Workshop**' was organized by the Tinkerer's Lab of the Electronics department. This workshop was conducted on 1st and 2nd March 2023 lasting for about two and half hours per session. The students got a great hands on experience by attending these sessions. This workshop received a huge response. Students were provided with

all the required materials and they were allowed to participate individually or in a group of four. The registered students made up 5 groups (10 students). The Robotics team members explained all the details very skillfully and made the session very interesting. With the help of the mentors the students completed the required bots. All in all it was an interactive and informative session.



Robotics team member explaining to the participants

Code Knights: Unleashing Creativity

~ Vinayak Panchal

The CSI-VESIT organized an exceptional 12-hour coding event, **Code Knights**, on March 6th. It was a joint venture with VRC and was held in association with VESIT-IIC and VESIT-IQAC. The event aimed to test the creativity, problem-solving skills, and the ability of the participants to work under pressure.

The competition was open to all participants interested in coding, regardless of their experience level. The challenges posed were designed to push the participants to their limits and challenge their abilities. The event brought together a diverse group of individuals with varying skill sets and backgrounds. Code Knights began at 8 pm, and the participants were given 12 hours to develop innovative solutions to the given challenges. The

enthusiasm and energy among the participants were infectious as they worked tirelessly, fueled by snacks and coffee, and motivated by their shared passion for coding. Participants worked through obstacles and challenges within the given time frame, creating some remarkable solutions.

After careful evaluation by a distinguished panel from CSI-VESIT, the submissions were assessed based on their exceptional creativity, functionality, and effective time management. Following thorough deliberation, **Prasanna Sridharan** emerged as the deserving champion, while **Devesh Ramesh** and **Aayushi Mishra** secured the esteemed positions of **first and second runners-up** in the TE-BE category, respectively. In the FE-SE category, **Aditya Gaikwad** displayed

remarkable skills and claimed the victory, with **Abhishek Pattanayak** and **Ayush Gerra** (SE-CMPN) as the well-deserved **first and second runners-up**.



Poster Of the Code Knights

CSI-VESIT's Coding Competition

- Shivpratik Hande

CSI-VESIT organized a pre-Praxis mega-event named '**Sherlock and Watson**' on Thursday, March 2nd. The event was a collaborative effort with **Praxis'23**, **VESIT-IIC**, and **VESIT-IQAC**, aimed at promoting coding proficiency and problem-solving capabilities. The competition welcomed all participants, with free entry for CSI-VESIT members and a nominal fee for non-members. Students from various academic years took part, ensuring a diverse range of participants. The primary objective of the competition was to provide an entertaining yet stimulating environment that encouraged creative thinking and the resolution of intricate problems.

The competition comprised two distinct segments: the Sherlock part and the Watson part. Initially, both Sherlocks and Watsons had to independently solve their respective questions within a 15-minute time frame, requiring adept coding skills and problem-solving expertise. Following this, the Sherlocks were swapped with their respective partners (Watsons), who were tasked with solving and completing their partner's problems without prior knowledge of the problem statement.

The runners-up also delivered an exceptional performance, providing formidable competition to the winning team. **Devesh Ramesh**

(BE-EXTC) and **Aayushi Mishra** (BE-EXTC) emerged as the event's winners. **Om Borate** (TE-CMPN) and **Tarun Shetty** (TE-CMPN) secured the **first runners-up position**, while **Piyush Chugeja** (SE-CMPN) and **Manraj Virdi** (SE-CMPN) claimed the **second runners-up spot**.



A glance of the competition

Scavenge to Build: A Tech Hunt

~ Ishwari Dehadray

Scavenge to Build was a technical event organised by **ISA-VESIT** on 4th March 2023 from 10:00 am to 2:00 pm in room 118 and lab 107. The event aimed to test strong reasoning and aptitude skills, team management along with strong problem solving skills for building electronic circuits. Total 48 number of students participated in the event.

Round 1 was the Treasure Hunt; teams completed with other people use the task allocated to them in various location of the VES campus time and gather more time. Total 8 qualified for the next

round. Round 2 bidding begin as all the qualified teams were given specified amount for the auction. Round 3 was the bargaining round where each team was given a specific circuit and they had to bargain and trade with other teams to collect the required components as per their respective circuit. Round 4 was the building round where the teams had to build circuits and decode the errors and make a working project. The team with the maximum points from all the rounds and making a working project where the winners.

Team Milton: Priyanshu Dubey (D18),

Siddhesh Kakade (D18), **Shreya Kate** (TE-EXTC) secured **first position**. **Second position** was taken by Team Nova: **Abhishek Kakkar Vineet Gupta** (SE-EXTC), **Nimesh Kshirsagar** (D3), **Om Mandhane** (D3). **Third position** was secured by Team Psychoders which include **Anurag Shirsekar** (SE-CMPN), **Nidhi Nayak** (SE-INFT), **Siddhi Bhogale** (SE-INFT), **Shivani Nikam** (SE-INFT) and **special mention** to Team Secret Ninjas namely **Mayuresh Pednekar** (SE-INFT), **Abujaid Ansari** (SE-INFT), **Mitesh Dalvi** (SE-INFT).

Dalal Street: VESIT Stock Market

~ Joanna Sanju

In PRAXIS, ISTE-VESIT in association with **VESIT Renaissance Cell**, **VESIT-IIC**, and **VESIT-IQAC** annually conducts the '**Dalal Street**'. Dalal Street is basically a stock market simulation that tests investment skills and helps understand the details of the stock market. This event is an outstanding opportunity to learn about stock market investments and gain practical experience in trading stocks.

Registrations were accepted both online and offline and equal amounts of registrations were received from both the mediums. Registration was free for all ISTE members and cost Rs. 20 for non-

members. A total of 83 teams participated with a team size of 1-4 members. Dalal street came with exciting cash prizes.

Atharva Joshi, PRO, and Attreyee Mukherjee, SE Technical Officer, hosted the event at 1 p.m. on 4 March 2023 in the Amphitheatre. The hosting was taken over by Manas Lalwani, Junior Treasurer and Aamir Ansari, Chief Technical Officer last session on wars.

Participants were given a virtual portfolio with a starting balance of Rs. 10,00,000 and were instructed to make investment decisions based on market movements and news updates. The news



Participants gathering for Dalal Street in the Amphitheatre

was broadcasted on the stage's projector.

The event was split into four rounds, each lasting 30 minutes of which 10 minutes was a news session and 20 min as a transaction session which was followed by a 5-minute break. There were 12 listed enterprises and 5 Foreign Exchange (FOREX).

On the conclusion of the fourth session, three teams won the cash prizes. The first prize was won by **Team 40 - Sujal Patil (TE-CMPN)** and received the cash prize of **Rs.1200/-**. **Team 11 - Madhav Bhutada (BE-CMPN)** won **Rs. 800/-** as the second prize. The third place was secured by **Team 22 - Saurab Lalwani (TE-CMPN)** along with a cash prize of **Rs. 500/-**

Caribbean Escapade: A Thrilling Adventure

~ Vinayak Panchal

On March 6, 2023, ISTE-VESIT hosted an exciting event titled '**Caribbean Escapade**,' inspired by the popular "Pirates of the Caribbean" movie series. The event, which took place as part of Post-Praxis'23, was organized in collaboration with **VESIT Renaissance Cell**, **VESIT-IIC**, and **VESIT-IQAC**.

The participants, known as a "Band of Pirates," had to defend themselves, attack, and race with others to locate the island where the treasure was hidden and bring it back safely to their territory. The event had amazing cash prizes in store for the winners, with **Rs. 600/-** for the first prize and **Rs. 400/-** for the second prize.

Over 80 participants, divided into approximately 20 teams, registered for the event via online and offline modes. On-the-spot registrations were also allowed just before the start of the event. The event was conducted in three rounds. The top seven teams who obtained the map proceeded to the second round.



Participants playing the game

In the second round, participants had to divide their teams and purposely surrender to enter a jail to find the hidden treasure by solving critical tasks within a time frame.

The third round determined whether the Pirates could take the treasure to their territory or not. The two teams who made it to the end of the grid and successfully bagged the treasure were crowned as the winners and runners-up of the event.

Team 20, consisting of **Amit Murkalmath (SE-CMPN)**, **Sania Khan (SE-CMPN)**, **Jesica Bijju (SE-CMPN)**, and **Bhavesh Ajwani (SE-CMPN)**, emerged as the winners of the event. Team 19, comprising **Ekta Rohra (BE-INFT)**, **Sakshi Gattani (BE-INFT)**, **Anuj Patil (BE-INFT)**, and **Fareen Khan (BE-INFT)**, were the runners-up.



Winners: Amit Murkalmath (BE-INFT), Sania Khan (BE-INFT), Jesica Bijju (BE-INFT), and Bhavesh Ajwani (BE-INFT) were awarded with cash prize of Rs. 600

CSI's Amazing Race : A Treasure Hunt

~ Joanna Sanju

CSI - VESIT organized an exciting event - '**The Amazing Race**' on March 3, 2023, in collaboration with **Praxis'23**, organized by **VRC**, and in collaboration with **VESIT-IIC** and **VESIT-IQAC**. This competition was held in seven rounds, where at the end of each round a certain number of groups were eliminated from the competition. 'The Amazing Race' was a treasure hunt style event, which started at around 1pm with all the teams gathered at the Vivekanand Statue.



Teams gathered near Vivekanand Statue

A total of 35 teams participated consisting of 4 members each. Out of the 35 teams only 9 teams made it to the final round which was 'Crossword'. The first 5 teams that solved the crossword were given the final clue to reach the final destination.



Round 1 - 1024

The winners of the amazing race were **Yash Bhise (BE-EXTC)**, **Aarushi Sharma (BE-INFT)**, **Rohan Padhye (BE-IT)**, and **Nupur Jeswani (BE-IT)**. The first runners-up were **Aayush Jain**, **Samarth Gawari**, **Tarang Rajpal (TE-CMPN)**, and

Yash Kaka (TE-CMPN), and the second runners-up are **Saurabh Lalwani**, **Madhav Bhutada (BE-CMPN)**, **Kunal Vishwakarma**, and **Piyush Nihalani**. From the first year, the winners are **Nikunj Pal (FE-EXTC)**, **Kaustubh Natalkar (FE-EXTC)**, **Dhruva Acharya (FE-EXTC)**, and **Ansh Verma (FE-EXTC)**.

At the end, it can clearly be stated that 'The Amazing Race' was a grand success. It was a well organized event which concluded with the prize distribution ceremony.



Round 2 - Brainiac

IEEE's Money Heist Expedition

~ Vinayak Panchal

In a thrilling event organized by **IEEE VESIT**, students at VES Institute of Technology were transported into the realm of heists and cunning strategies. The "**Money Heist**" event, held on 3rd March 2023, brought together students from various academic years, creating an atmosphere charged with excitement and camaraderie.

Under the watchful eye of the enigmatic character known as "Professor," three teams embarked on an extraordinary mission to steal the gold from the Royal Bank of IEEE VESIT

while evading capture. The event aimed to provide participants with an opportunity to engage in analytical reasoning, strategy building, foresight, and teamwork.

In Slot 1, the victorious team comprised **Parth Wande (SE-CMPN)**, **Harsh Tuli (SE-CMPN)**, **Manan Dadlani (SE-CMPN)**, and **Aditya Kushwaha (SE-CMPN)**. Their meticulous planning and swift execution set them apart from the competition.

Slot 2 witnessed **Neha Lotwani (SE-CMPN)**, **Komal Lund (SE-CMPN)**, **Piyush Chugeja (SE-CMPN)**, and **Manraj Singh (SE-CMPN)** emerging as the champions. Their teamwork and ability to think on their feet impressed both spectators and organizers.

In Slot 3, **Sejal Datir (SE-CMPN)**, **Simran Ahuja (SE-CMPN)**, **Amit Murkalmath (SE-CMPN)**, and **Ilham Syed (SE-CMPN)** showcased their exceptional skills and their strategic approach.

The Real Life Quadrangle!

~ Srushti Chopade

ISA-VESIT organized a series of four fun games having a combination of engaging gameplay with elements of technology and skill-building in its Post-Praxis event '**The Tech-Game Quadrangle**' on 9th March 2023 which was conducted from 1 pm onwards in the Amphitheatre.

The Amphitheatre was filled with participants competing against each other, enjoying the games at the same time. It was a team event. Participants needed to play 4 games and the teams with the highest total points were the winners. There were 14 teams in total. Each team consisted of 2-4 members with one team leader and a distinct team name.

Game 1 was Forbidden Island. In this game, players were seen working together in the quest to collect valuable treasures scattered across the island before it shrinks. Game 2 was Cyclone Arcade where players had to act the fastest and stop the cyclone of LEDs. Game 3 was World War Saga, it consisted of 3 rounds, Round 1 was

using Natural Cover Round teams brought 2 plant pots and kept in the Amphitheatre. Round 2 was Start of Counterattack, teams created a 'Bunker' from 3 benches kept in the Amphitheatre. Round 3 was Arms loading, each team had to collect the required components for making a ballistic missile from headquarters.

In Game 4 Morse Code Mania teams were seen using their logical and deductive skills to decode the trilogy of codes i.e, Caesar Cipher, Binary Code, and Morse Code. The champions of the 'Tech Game Quadrangle' have emerged victorious after a grueling competition.

First position was secured by Team Silver: **Reshma Dhende, Shreya Gharath**, Second position was Team right: **Shreyash Dhasade, Soham Hajare**, Third position was secured by Team Defaulter **Rishabh Karavde, Kunal Vishwakarma, Prathamesh Shivalkar, Prathamesh Bhingarde**. And Special Mention was given to Team Proton **Vinit Deshpande, Harshal Talreja**



Participants playing the Game



Participants assembled for the game

Igniting Entrepreneurial Passion

~ Shivpratik Hande

On the 3rd of March 2023, the bustling auditorium of **VESIT Valley** came alive with a dynamic event organized by the **Entrepreneurship Cell (E-Cell)**. This event, sponsored by **Beyond Snacks**, brought together aspiring entrepreneurs, industry experts, and students eager to explore the world of innovation and business. The collaboration between **VESIT Valley's E-Cell** and **Beyond Snacks** resulted in an evening filled with inspiration, knowledge-sharing, and networking opportunities. The primary objective of the event was to ignite the entrepreneurial spirit among students and provide them with a platform to explore their ideas.

VESIT Valley's E-Cell, known for its commitment to fostering innovation and entrepreneurship, curated an event that aimed to empower students with the necessary skills and knowledge to thrive in the business world. **Beyond Snacks**, a renowned company that advocates healthy snacking choices, served as the associate sponsor for the event. This collaboration not only brought financial support but also showcased **Beyond Snacks'** dedication to supporting emerging

entrepreneurs. **Beyond Snacks'** focus on promoting healthier alternatives aligns perfectly with the **E-Cell's** vision of fostering sustainable business practices.

VESIT Valley E-Cell event offered an array of engaging activities designed to provide participants with valuable insights into the world of entrepreneurship. The event kicked off with an inspiring keynote address by a successful entrepreneur, who shared their journey, challenges, and triumphs. The talk set the tone for the evening, motivating attendees to chase their entrepreneurial dreams. Panel discussions featuring industry experts were another highlight of the event. The panels covered a wide range of topics, including ideation, market research, funding opportunities, and marketing strategies. These sessions allowed participants to interact with seasoned professionals and gain practical knowledge to apply in their entrepreneurial endeavors. **Beyond Snacks** played a pivotal role throughout the event, enhancing the overall experience for attendees. As the event concluded, participants left with a renewed sense of purpose, armed with valuable knowledge,

connections, and inspiration. The partnership between **VESIT Valley's E-Cell** and **Beyond Snacks** exemplified the collective commitment to fostering a culture of entrepreneurship, innovation, and healthy snacking choices, creating a brighter future for aspiring entrepreneurs.



Poster of the event

Technovation: Unveiling Innovations

~ Avan Shetty

The **Department of Automation & Robotics** and **ISA-VESIT** held **Technovation**-a project exhibition and competition event aimed at fostering innovation and creativity among students from March 18 to 20, 2023, under the guidance of **VESIT-IIC** and **VESIT-IQAC**. Students from various domains showcased their ingenious ideas, with a strong focus on automation and robotics, particularly in biomedical processes and motion automation. The event had three phases: idea submission; shortlisting projects; and project presentation.

The first phase of the event was idea submission, in which the students had to present a problem statement or an idea of the product and this idea was to be presented in the form of a presentation along with their various objectives and respective outcomes to be acknowledged.

The second phase of the event was the shortlisting of projects, in which all the innovative ideas were thoroughly examined and those projects were finalised that had made a difference in the current process.

The **Technovation** event declared the **first prize** winner as the '**Skin Disease Tvacha**' project, developed by a team including **Mayur Pimpurde, Vemburaj Konar, Sneha Kadambala, Aarya Kurup, Kimaya Nehete** and **Om Suwarnaka**. Their innovative project aimed at utilizing automation and robotics technologies to tackle skin diseases.

The **second prize** was awarded to the '**Smart Pill Dispenser**' project by **Isha Chavan, Risa Samanta, Saakshi Karkera, and Aishvarya Birambole**, aimed at enhancing medication management through an automated pill dispenser system. The **third prize** went to the '**Development**

of **Lidar-like System**' project by **Simaran Jadhav, Kaustubh Khavnekar, Aniruddha Mestry, and Anuj Singh**. Their project involved the creation of a Lidar-like system, utilizing software programming and hardware circuits to enhance motion sensing and detection capabilities.



First Prize Winners

Avinya: An Epic Tech Competition

-Vinayak Panchal

Avinya-2023, organized by the **Electronics and Telecommunication department of VESIT** (Vivekanand Education Society's Institute of Technology), in association with the **Institute's Innovation Council (IIC)** and **Internal Quality Assessment Cell (IQAC)**, exemplifies the perfect synergy of technology and innovation.

Avinya-2023 was a one-day program celebrated as Technology Day, held on 20th March, 2023, the event was inaugurated by the esteemed **Dr. J. M. Nair, Principal of VESIT**, and the judging panel consisted of senior faculty members from other departments. With a total of 36 projects submitted, 15 were shortlisted for the exhibition and demonstration. Additionally, second and third-year students from the Electronics & Telecommunication department were also encouraged to participate.

The culmination of Avinya-2023 came with a valedictory session held on 17th April 2023. During this session, the winners were recognized for their exceptional contributions and awarded certificates of excellence. **Dr. Chandan Singh Rawat** (HOD, Department of Electronics and Telecommunication) and **Mrs. Manisha Chatopadhyay** (Dy. HOD, Department of Electronics and Telecommunication) presented certificates to all the participants. It is worth mentioning that **Mr. Mrugendra Wasmatar** (Assistant Professor, Department of Electronics and Telecommunication), a faculty member, was honored with a certificate of appreciation for proposing the name "Avinya" for the project competition. The term "Avinya" signifies innovation, and this competition will continue to be held in subsequent years on the occasion of Technology Day.

First prize was jointly won by the project 'IoT Based Wireless Cloud Printer' by Team B3,

consisting of **Adarsh PS** (BE-EXTC), **Rohan Giri** (BE-EXTC), **Bhavesh Khati** (BE-EXTC), and **Shripad Kulkarni** (BE-EXTC) and the project 'Detection of Heart Rate using External Camera' by Team B16, comprising **Yash Bhise** (BE-EXTC), **Hridesh Kamal** (BE-EXTC), **Tanya Dubey** (BE-EXTC), and **Sagar Pujari** (BE-EXTC).

Second prize was also jointly won by 'Smart Mirror' project by Team A8, including **Akshata Deshpande** (BE-EXTC), **Shreya Dhamane** (BE-EXTC), **Gargi Khanvilkar** (BE-EXTC), and **Gunjan Sureka** (BE-EXTC) and the another project was 'Real-Time Posture Detection and Correction using Electromyography and ML' consisting of **V Anuparvathi** (BE-EXTC), **Neha Makattil** (BE-EXTC), **Vasudha Sasikumar** (BE-EXTC), **Varun arya** (BE-EXTC).

Team B12, including **Arunkumar Mariappan** (BE-EXTC), **Heeral Chumber** (BE-EXTC), **Riddhi Joshi** (BE-EXTC), and **Farheen Khan** (BE-EXTC) presented the project "Hydra Base Farming."



1st Prize winners



1st Prize winners



2nd Prize winners



2nd Prize winners



3rd Prize winners

Pradarshani 2022-23: Showcasing Innovation

~ Nikunj Pal

The Department of Computer Engineering organized a spectacular event called **Pradarshani 2022-23**, which aimed to celebrate innovation and excellence in the field of computer engineering. This event provided a platform for the students to showcase their remarkable projects developed during their third and final year, along with the winning group from the prestigious Smart India Hackathon (SIH).

The core team behind the success of Pradarshani 2022-23 consisted of dedicated individuals. **Dr. Gresha Bhatia** (Dy. HOD, Department of Computer Engineering) led the team, along with **Mrs. Vidya S Zope** (Assistant Professor, Department of Computer Engineering),

Mrs. Priya R. L (Assistant Professor, Department of Computer Engineering), and **Mrs. Mannat Doltani** (Assistant Professor, Department of Computer Engineering), who respectively served as coordinators for the second, third, and final year students. Their guidance and support were instrumental in ensuring the smooth execution of the event. External reviewers, including **Mr. Ali Ansari**, Manager of Open Innovation & Corporate Programs at TiE Mumbai, lent their expertise to the evaluation process. Additionally, a group of accomplished alumni members, such as **Mr. Nitin Aswal**, **Mr. Amit Chhabria**, **Mr. Arnav Bagchi**, and **Ms. Sanika Chavan**, contributed their insights to recognize the projects' exceptional qualities.



Poster of the event

Looking Beyond Syllabus

~ Avan Shetty

Looking Beyond Syllabus (LBS) is an annual project competition organized by VESIT, where student groups showcase their innovative ideas and develop projects that have a positive impact on society.

LBS activities are strategically designed to ensure effective planning, implementation, and continuous improvement. The primary objective is to expose students to emerging technologies and provide them with opportunities to work in multidisciplinary teams on projects mentored by

faculty members. The LBS Incharge is **Dr. T. Rajani Mangala** (Professor, Department of Electronics Engineering) and the coordinators are **Mrs. Priya R. L.** (Assistant Professor, Department of Computer Engineering), **Mrs. Jayshree Hajgude** (Assistant Professor, Department of Information Technology), **Mr. Ajinkya Valanjoo** (Assistant Professor, Department of Artificial Intelligence and Data Science), **Mrs. Anuradha Jadiya** (Assistant Professor, Department of Electronics and Telecommunication), **Mrs. Gauri Sahoo** (Assistant

Professor, Department of Electronics Engineering), **Mrs. Kadambari Sharma** (Assistant Professor, Department of Instrumentation Engineering), **Mrs. Ruchi Rautela** (Assistant Professor, Department of Master of Computer Applications). The student incharges are Neeraj Chawla (TE - CMPN), Ketan Bhalerao (INFT), Phalguneswari Borikar (ETRX), Nimisha Jain, (AI & DS) Tushar Kadam (EXTC), Ahmad (INST)

The latest edition of LBS, called 'LBS I2I: Idea to Implementation Competition 2022-23,' has

been announced for the current academic year. Registration for the competition began on 17th October 2022. The competition consists of two major stages.

Stage 1: ODD Semester - During this stage, teams register for the competition and propose project titles along with problem statements. A panel selects teams based on their problem statements. Stage 2: EVEN Semester - The selected teams proceed to the finals, which comprise a two-day hardware and software hackathon.

The winners of the competition were:

GistMakers: Nihar Kenny, Ajay Nair, Shubham Zope, J N Guru Akash, Ameya Padwad (BE-EXTC), Trupti Sonawane

AI warriors (1st runner-up): Tejas Patne, Priyanshu Singh, Rohan Singh, Deepak Prasad, Dhara Panchal, Kshitij Nag

Team Blue (2nd runner-up): Prasad Jawale, Shreyansh Singh, Shubham Kumar, Shreyas Satre, Arnav Singhal, Riddhi Solanke
In the hardware category winners of-



LBS Faculty coordinators and Alumni Judges

Atomic Crew (1st runner-up): Shantanu Deshmukh, Shreyas Sarang, Udit Koli, Arya Hirlekar, Gargi Khachane, Manvi Gour

The Delusionals (2nd runner-up): Kaustubh Pawar, Atharva Bhaindarkar, Milind Sawant, Aaman Bhowmick, Aditya Bagatyatka, Dhanashree Pandey



Participating teams in Robotics Lab during Hackathon

Decoding Problems, Exploring Solutions

~Brijesh Sharma

The Department of Artificial Intelligence and Data Science in association with VESIT-IIC and VESIT-IQAC organized the 'Demo Day'. It was organized on 6th March, 2023 in the lab 210,211, and CA2. The convenor of the event was Dr. (Mrs.) Vijayalakshmi. M (Vice Principal & HOD, Department of Artificial Intelligence & Data Science). It was conducted by Dr. (Mrs.) Anjali Yeole (Deputy HOD, Department of Artificial Intelligence & Data Science) Mrs. Sangeeta Oswal (Assistant Professor, Department of Artificial Intelligence & Data Science). The participants of the

event were Second Year and Third Year students.

The event began at 12:30 in the afternoon and was about Project Demo by Second Year and Third Year students. The event helped students to identify the needs of the society and to find a solution. The students were distributed in groups and each group designed their projects. The total number of participants were 120. The event was also coordinated by Kachare Dyotak Mandar (SE-AIDS) and Tapaswi Subrato Dayashankar (TE-AIDS).



Students presenting their projects to faculty

Designing Prototype to Resolve Societal Problems

~ Brijesh Sharma

The Department of Computer Engineering in association with VESIT - IIC (Institute Innovation Council) and VESIT - IQAC (Institute Quality Assurance Cell) organized the event 'POC to Prototype Development'. The event was coordinated by Dr. (Mrs.) Gresha Bhatia (Deputy Head, Department of Computer Engineering), Project Convener, Mrs. Vidya .S. Zope (Assistant Professor, Department of Computer Engineering), SE Coordinator. It was conducted on 13 March 2023 in Room - 301.

The Department of Computer Engineering faculties conducted the event and students were distributed in a team of four. Each team was assigned a Project Guide. The students were provided with seventeen goals and were instructed to classify the project in any one of the goals. All the

students coordinated with each other and designed their project making the event successful.

The event was conducted in two parts - Review 1 and Review 2. Students were expected to complete 90% of the implementation by Review 2. The Second Review was based on the demonstration of a working model developed by the students. All the projects were scrutinized and valuable feedback was stated by the reviewers to encourage the students and those comments were documented and notified to students. Students were able to implement the feasible societal solution proposed for their problem statement and present those in front of reviewers. The total number of students participating were 212 and 56 projects were presented.



Faculties meticulously evaluating a prototype during a project review session, ensuring innovation and precision in every detail of the development process

Exploring the World of Science and Technology

~ Brijesh Sharma

The Department of Electronics Engineering, VESIT organized Sci-Tech Fair on 20th March 2023 to inculcate the scientific and technological mindset of the students. The event included Project Exhibition by the Third and Fourth-Year Students. The theme of the event was 'Innovative and Novel Idea Presentation'.

The event was coordinated by Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics Engineering), Mr. Abhishek Chaudhari (Assistant Professor, Department of Electronics Engineering), Mrs. Dipti Karani (Assistant Professor, Department of Electronics Engineering) and Dr. Parmeshwar B. Birajdar (Assistant Professor, IIC Coordinator).

After the projects were shown to the students, judging started. The judges for the event were Dr. (Mr.) Nadir Charniya (Professor, Department of Electronics and Telecommunication Engineering), and Dr. (Mrs.) Nilima Warke (Associate Professor, Department of Instrumentation Engineering). The judges scrutinized all the projects and the first prize among the third-year students was awarded to the project titled 'IoT based Smart Helmets for safe drive'. The first prize among the fourth-year students was awarded to the project 'The Affordable Electric Vehicle'. The event was successful in nurturing the scientific and technological mindset among the students.



Student presenting the project to Judge Dr. Nadir Charniya and faculty

TechWrite Boost'23

~ Nikunj Pal

BuzzPro '23, organized by the **Department of Computer Engineering**, on 20th March 2023 was a remarkable event aimed at empowering digital entrepreneurs through the effective utilization of technology. In the first round, all submitted papers underwent meticulous scrutiny, leading to the shortlisting of 17 groups. Ultimately, seven outstanding groups from Second Year Computer Engineering had the honor of presenting their papers. The judging panel consisted of **Ms. Sanika Chavan** and **Dr. Sujata Khedkar** (Associate Professor, Department of Computer Engineering). Ms. Sanika Chavan, a Senior Development Engineer at Carwale and an esteemed alumna, brought her industry experience and practical insights to the event. Her expertise in the field provided a valuable perspective on the real-world application of the students' technical papers.

Dr. Sujata Khedkar, an accomplished

academician and Associate Professor in the Department of Computer Engineering at VESIT, contributed her vast knowledge and research experience to the judging panel. Dr. Khedkar evaluated the papers based on their technical depth, clarity of presentation, and adherence to academic standards.

The relentless efforts of the CMPN Research Forum Team, led by **Dr. Sharmila Sengupta** (Associate Professor, Department of Computer Engineering), **Mrs. Lifna C S** (Assistant Professor, Department of Computer Engineering), and **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering), ensured the event's success and contributed to the growth and development of the participating students.

The winners were,

I Prize- Sadhak Kumar (SE-CMPN), Ravi Valecha (SE-CMPN), Vinesh Paralkar (SE-CMPN), Vaibhavi Shetty (SE-CMPN) for the Technical

Paper Presentation on Data structures using AR-VR.

II Prize- Attreyee Mukherjee (SE-CMPN), Amogh Inamdar (SE-CMPN), Saumya Tripathi (SE-CMPN), Yashodhan Sharma (SE-CMPN) for the Technical Paper Presentation on Timetable Management System using Genetic Algorithm. Attreyee Mukherjee (SE-CMPN), one of the authors of the second prize-winning paper, was awarded the Best Presenter title.

III Prize- Parth Wande (SE-CMPN), Aniket Pradhan (SE-CMPN), Sarvesh Dongare (SE-CMPN), Jay Thakker (SE-CMPN) for the Technical Paper Presentation on Face Recognition Attendance System (using Flutter App Interface).

Best Presentation- Vishakha Singh (SE-CMPN), Anushka Shirode (SE-CMPN), Manasi Sharma (SE-CMPN) for the Technical Paper Presentation on Text Emotion Detection Using ML.

Driven by Data and Beyond

~ Aditya Rege

A 24-hour hackathon, **Invictus'23** was held. It commenced at 10am on the 4th of February, 2023 and ended at 10am on the 5th of February, 2023.

The participants were divided into two divisions- Juniors (SEs) and Seniors(TEs/BEs/MCA). A whopping 80 teams registered for this event. The team sizes were 2-4 members and each division got two problem statements to choose from. They were supposed to find an optimal solution to that within the given time frame. An introductory session was held prior to the event at 8am where the Secretary of QuestIT, **Sreekesh Iyer** (BE-INFT), talked about the benefits of participating in a hackathon and boosted the morale of the students. The SE Technical Officer, **Attreyee Mukherjee** (SE-CMPN) covered the basics of GitHub for the participants.

For Seniors, we had **Mrs. Pooja Shetty**, (Assistant Professor, Department of Information Technology) and two Alumnis- **Mr. Shreyas Khadapkar** (Batch of 2022) and **Mr. Gaurav Sahu** (Batch of 2020) in the panel. **Mrs. Jayshree Hajgude**

(Assistant Professor, Department of Information Technology) and two Alumnis- Mr. Shubham Darekar (Batch of 2021) and Mr. Abhishek Shukla (Batch of 2021) in the panel for the juniors. The Senior Panel was hosted by Atharva Joshi (SE-EXTC), Jr. PRO at ISTE-VESIT whereas the Junior Panel was hosted by Noel Dason (TE-INFT), Senior PRO at Quest IT.

All the participants received certificates for participating in the hackathon and the winners were awarded with prize money of Rs. 1200, A hashnode T-shirt and mug, 6 months of Scrimba PRO membership to the team who secured first place, followed by Rs. 800 to the runner-up team, a hashnode T-shirt and mug, 6 months of Scrimba PRO membership to the team.

All of the participants performed well and from the Juniors, the winners were **Dyotak Kachare, Atharva Nawadkar, Himanshu Goyal and Atharva Sardal** whereas the runners up were **Nidhi Nayak (SE-INFT), Shivani Nikam (SE-INFT), Siddhi Bhogale (SE-INFT) and Anurag Shirsekar (SE-CMPN)**. From the Seniors, the

winning team was **Figo Cardozo (TE-CMPN), Vansh Pahuja (TE-CMPN), Drishti Samvedi (TE-CMPN) and Teesha Karotra (TE-CMPN)** and the runners-up were Abhisek Thorat, Arnav Singhal, Mayur Pimpude and Himanshu Sharma.

Apart from these winners, a special certificate of appreciation was awarded to one of the teams from the Juniors for their remarkable performance and consistency. The team members were **Shashwat Tripathi (SE-INFT), Sarvadnya Awaghad (SE-INFT), Susmita Santi (SE-INFT) and Swarali Dhobale (SE-INFT)**.



Sreekesh Iyer (BE - INFT) addressing and briefing the participants in the introductory meet

Syrus: The Hackathon Blitz!

~ Avan Shetty

Syrus Hackathon 2023 powered by Devfolio and associate sponsors Github, Polygon, Solana, Otohomo, Lanware Solution, Microsoft Learn Student Ambassador, Filecoin, Replit, and Wolfram was organised by Codecell Tinkerers from Computer Engineering Department, VESIT. The hackathon took place from March 10th to March 11th, 2023. A total of 165 students participated in the event.

Day 1 commenced with registration at 9:00 am, 10th March 2023, followed by an inaugural function led by **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering) and Codecell Incharge, and **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering) and Codecell Coordinator. Teams

selected based on their abstract submissions engaged in morning ideation rounds, with the coding session concluding at 12:00 pm. After a snack break, the first evaluation began at 12:15 pm, selecting 45 teams from the web 2.0 and web 3.0 tracks based on creativity and thoughtful design.

Coding Session 2 commenced at 1:30 pm for the qualified 45 teams. The first evaluation during this session involved judges providing valuable suggestions and feedback, along with introducing twists to test participants' adaptability.

Coding Session 3 of the hackathon began at 8:30 am, 11th March 2023, with the implementation of the suggestions and twists given to them during their 1st evaluation.

The final evaluation round of Technovation

had judges assigned to different panels for the Web 2.0 and Web 3.0 categories. Web 2.0 winners included **CFrost** (First Place, Rs. 7500), **CTRL+ALT+ELITE** (Second Place, Rs. 5000), and **TLE** (Third Place, Rs. 3500). Spot winners were Django Dynamos, ZeroTwo, and HashCoders. Participants received goodies and swags from DevFolio.



Judges asking the questions to the participants

Climbing the Stairway to Corporate Success

~ Aditya Rege

ISTE-VESIT organized a series of sessions called 'Campus2Corporate: One stop portal for placements', to guide the students of VESIT appearing for placements. This event was divided into four different sessions, starting from 22nd of February to the 25th of February, 2023.

Session 1: Pre-Placement Session

This was held on the 22nd of February at 2:30 p.m. in room B52 where SE PROs, Ajinkya Jadhav (SE-) and Kinjala Ahuja (SE-), greeted everyone and introduced them to the speakers of the day to the audience. The speakers were **Isha Gawde** (CMO at ISTE-VESIT, placed in Quantiphi), **V. Krishnasubramaniam** (Sr. Technical Officer at ISTE-VESIT, placed in Forcepoint), and **Aamir Ansari** (CTO at ISTE-VESIT, placed in ISS). The session began with Isha Gawde (BE-INFT), explaining essential factors like the timeline of placement process, placement records, rules and regulations, companies and their packages. Following her address, V Krishnasubramaniam (BE-INFT) spoke about the aptitude section of the placement process, discussing all factors in detail. Aamir Ansari (BE-INFT) took over next, talking about the coding section.

Session 2: Aptitude and Coding Test

The next phase of the event was held from the 22nd to the 23rd of February, 2023 to give an idea of how the aptitude and coding tests are conducted in actual placement rounds. ISTE-VESIT had formed their own test based on how three various companies take them. This gave the participants good insights into this process.

Session 3: Interview Session

The third phase of this event was conducted on the 23rd of February, 2023 after clearing all the tests, students had to appear for the HR and Technical interview. The main focus of this session was to teach the participants how to crack interviews. This was hosted by **Ajinkya Jadhav**, SE PRO at ISTE-VESIT. The speakers for this session were **Mrunmayee Waingankar**, CEO at ISTE-VESIT with placement in Quantiphi, and **Aamir Ansari**, CTO at ISTE-VESIT.

Session 4: Interview Rounds

The final session of this four day event was held on the 25th of February, 2023 and this consisted of technical and HR interviews. The interviewers for the technical interview were **Mr. Anshul Chaudhary** and **Mr. Gaurav Sahu** from

J P Morgan & Chase Co. whereas the ones for HR interview were **Ms. Neelima Dubey** and **Ms. Tanaya Tamse**, both currently pursuing PGDM in HR. The interview round started at 10 a.m. with the candidates first having to appear for the technical interview and thereafter, for the HR interview. Many students participated in this fun event hosted by ISTE-VESIT and winners were chosen at the end. From the TEs, **Abhishek Thorat** (TE-AIDS) and **Manav Tanna** (TE-INFT) were selected whereas **Nidhi Nayak** (SE-INFT) and **Ruchir Jain** (SE-CMPN) won.



Participants attempting aptitude and coding questions on Hackerrank Platform

It's UI UX!

IEEE VESIT hosted a **UI/UX competition** that aimed to provide a platform for students to showcase their design skills and promote women in STEM. The event was a huge success, as many students came to showcase their amazing UI UX talents.

The problem statement for the competition was to "Design two or more screens of an app/website interface that promotes women in STEM". Participants were required to create a user interface that highlights the achievements of women in

the field of science, technology, engineering, and mathematics, and provides a platform for women to connect and share their experiences.

Exciting prizes were offered in the competition. The winner of the competition **Shreya Hadkar** (SE-CMPN) got an internship as a UI UX designer and the runner-ups received exciting goodies. All participants received vouchers from a clothing brand, which was a great way to show appreciation for their hard work and dedication.

~ Ishwari S. Dehadray



Poster of the Competition

Writing in the Tech

IEEE VESIT has always been known for its dedication towards promoting research and Technical paper publication. In keeping with this commitment, IEEE-VESIT organized a technical paper writing workshop on 9th February 2023. The workshop was conducted by **Mrs. Priya R. L** (Assistant Professor, Department of Computer Engineering), who has published several technical papers in renowned international journals.

The workshop was attended by a large number of participants, who were keen to learn the nuances of technical paper writing. The workshop was divided into several sessions, each of which focused on different aspects of technical paper writing. The participants were provided with a wealth of insightful information on how to write technical papers, including what to write, how much to write on each topic, and how to structure the paper.

Mrs. Priya R. L. (Assistant Professor, Department of Computer Engineering), provided

the participants with invaluable tips on how to write an effective introduction, literature review, methodology, results, and conclusion. She emphasized the importance of having a clear and concise writing style, and of presenting the research findings in a logical and organized manner. She also gave tips on how to effectively present data and how to use graphs and tables to illustrate the research findings.

Apart from providing guidance on writing the technical paper, the participants were also guided through the entire process of paper publication. This included information on where to apply, how to apply, and what is the actual procedure for publishing research papers. The participants were also informed about the different types of technical papers, such as research papers, review papers, and survey papers, and how to write them effectively.

The workshop also included interactive sessions where the participants were encouraged to

ask questions and seek clarification on any doubts they had. This was a great opportunity for the participants to interact with Mrs. Priya R. L. and learn from her experience.



Speaker of the workshop: **Mrs. Priya R. L** (Assistant Professor, Department of Computer Engineering)

TECHNICAL UPSKILLING

IIC 5.0 Orientation Session for Faculty Members

~ Sneha Tanna

VESIT-Institution's Innovation Council was established during its first cycle in 2019 to systematically foster the Innovation culture and encourage, inspire, and nurture young students by supporting them to work with new ideas. VESIT has been recognized for performing innovation and entrepreneurship training programs meritoriously.

Dr. Nadir Charniya (Professor, Department of Electronics and Telecommunication) conducted orientation for VESIT faculty on **IIC 5.0** and some

initiatives of MIC and AICTE, on 28th January 2023. He elaborated on the various types of events conducted under IIC namely IIC calendar events, Self-driven events, MIC-driven events, and Celebration day events.

He explained the levels and weightage of each type of event and activity. The speaker further briefed about various initiatives of MIC and AICTE such as YUKTI, KAPILA, NISP, SIH, ARIIA, various Hackathons, and Innovation Ambassador Training programs.



**Dr. Nadir Charniya (Professor, Department of
Electronics and Telecommunication)**

Overcoming Error 408 of Placements

~ Gargi Angne

Career Connect was an event conducted by QuestIT for the students of the department of Information Technology and Artificial Intelligence and Data Science on 24th January 2023. Given the magnitude and importance of the Placement Season, **Ninad Rao** (BE-INFT) and **Sreekesh Iyer** (BE-INFT), the brightest of QuestIT from the Final Year guided the students

through the entire process. The talk was arranged in the auditorium from 1pm to 3pm. Around 200 students gathered to witness this session.

The event focused on guiding third year students about upcoming placements. It provided a roadmap on preparing for placements, important Tech Stacks to learn, building a good profile as well as resume on LinkedIn, and eventually approaching

interviews.

The activities and concepts covered were the importance of placements, rounds of recruitment, roadmap and profile building. The session was delivered by Ninad Rao and Sreekesh Iyer, who are both upcoming software engineers in J. P. Morgan Chase & Co.

Kubernetes Unveiled

Organized by Department of Information Technology In Association with Institution's Innovation council and Internal Quality Assurance Cell was the workshop **Kubernetes** by **Mr. Walsh Fernandes**. It was held on 8th of March, 2023. It was conducted offline in classroom B52 from 11:00 am to 12:30 pm. The goal of this session was to provide attendees with an introduction to Docker and Kubernetes, as well as practical experience creating and deploying applications in containerized environments.

Mr. Walsh Fernandes, a Software Engineer at Priceline, delivered the course considering his extensive knowledge in software engineering, web

development, and DevOps. He is a former VESIT student of the IT department, graduated in 2020. He is also a former employee at Interactive brokers and currently a software engineer at Priceline.

The workshop was divided into 6 sessions, each focusing on a specific aspect of Docker and Kubernetes. There were six sessions conducted on the following topics:

1. Introduction to Docker
2. Building and Deploying Applications with docker
3. Introduction to Kubernetes
4. Interacting with Kubernetes
5. Kubernetes Objects, Templates, and Manifests
6. Scaling and Managing Applications in Kubernetes

~ *Bhumisha Parchani*



Poster of the Event

AI-Future of Search Ecosystem

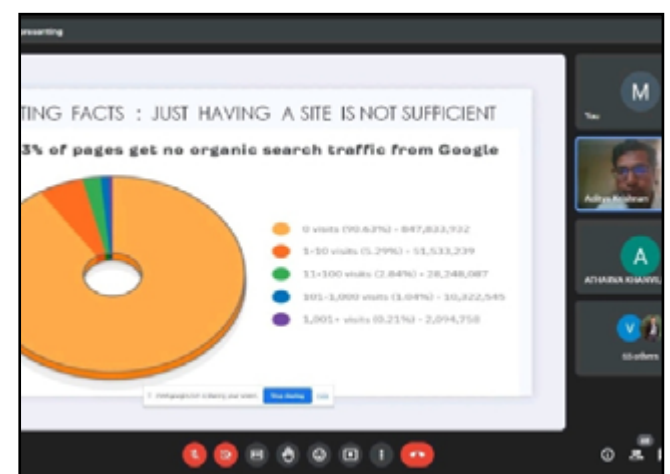
Research Forum of VESIT in association with AI&DS Dept, VESIT-IIC and VESIT-IQAC conducted an event to understand the trends in ‘**Search Ecosystems**’ and the role of AI in it and it's future endeavours. **Mr. Aditya Krishnan**, the speaker, shared his valuable knowledge and expertise.

The program started by the opening address and a welcome gesture to the guest given by **Sanika Dhuri**. The session was then handed over to Mr. Aditya Krishnan. The key point talked were Evolution of search ecosystem, Role of AI Semantic search, Algorithm updates and roll outs, Voice search at a glance, Next generation AI, Current trends. An interactive session was carried out in where students were also kept open to doubts.

The key highlights from the session were AI-powered search algorithms can interpret and understand user queries, analyze vast amounts of data, and deliver more accurate search results, Natural Language Processing: For more accurate and relevant results, Personalization: To provide personalized search results, Image recognition: AI-powered search engines can analyze images and identify objects and people within them, Voice search: Virtual assistants like Siri and Alexa use natural language processing to understand and respond to voice queries.

The closing address was given by **Mr. Amit Singh** from AI&DS Department wherein he thanked the speaker for a wonderful session and also the audience for patiently attending the

~ Sujal Sahu



Glimpse of the workshop

Non Destructive Testing Explained by Experts

An expert talk and demonstration on **Non Destructive Testing Equipment** was organized by the Department of Automation and Robotics for the students of third year on 28th March 2023. Speakers for the event were **Mr. Pratik Chinchmalatpure, Mr. V. M Joshi, Dr. Vivek Panvekar** and **Mr. Shri Krishna Bhuta**. Firstly, Mr. Pratik Chinchmalatpure gave a brief introduction about NDT i.e. Nondestructive testing used for examining materials, parts, or buildings without actually harming them. NDT procedures, such as ultrasonic testing, radiographic testing,

magnetic particle testing, liquid penetrant testing, and visual examination, are intended to expose the internal or surface features of materials.

Lastly, Mr. Shri Krishna Bhuta explained RT(Radiography Testing). Radiography is a non-destructive testing method that creates high-resolution photographs of an object's internal structure using digital imaging technology. In digital radiography, the object being examined is exposed to a radiation source, such as X-rays or gamma rays.



Glimpse of the workshop

First Step Towards the Technical World!

~ Srushti Chopade

Department of Electronics and Telecommunication Engineering of Vivekanand Education Society's Institute of Technology organized a workshop on **How To Write Technical Paper** for the students of Electronics & Telecommunication in association with IIC & IQAC. The objective of the program is to recognize, and learn the formal elements of technical paper.

Dr. Machhindranath Devidas Patil (Associate Professor, Department of Automation & Robotics), Head, VESIT Research Forum, the resource person for the day shared his insights on Technical paper writing. He told the students about:

- 1) The parts of a technical paper.
- 2) And how to conduct technical research.
- 3) Explained that before finalizing a research topic, conducting a literature search first has many advantages.
- 4) That writing research is not a linear process and gave tips on how to approach this process.
- 5) Asked the students to review each major section of the research paper.
- 6) Some take home writing suggestions like finding a peaceful environment to write and most important of all is to enjoy the process.

The session ended with the felicitation of the resource person by IIC head **Dr. Nadir Charniya**.



Glimpse of the workshop

Image Encryption and its Cryptanalysis

~ Vinit Solanki

The Research Forum of VESIT recently organized a seminar on the topic "**Design and Implementation of Chaos-Based Image Encryption and its Cryptanalysis**." The event, held on 11 March 2023, aimed to provide faculty members from various departments with insights into the research process, problem statement formulation, and the implementation and testing of a proposed Pseudo Random Binary Sequence Generator (PRBSG) using the B-exponential map. **Dr. Mrs. Rasika Naik** (Assistant Professor, EXTC), delivered the talk and shared her expertise in the field.

Dr. Rasika Naik commenced the seminar by introducing the attendees to the topic of her research. She emphasized the vulnerability of traditional username and password systems to cyber-attacks and the need for more secure algorithms. In this context, she presented the PRBSG using the chaotic map method as a potential solution to enhance security.

The objectives of Dr. Naik's research were twofold: first, to develop and implement chaos generators for pseudorandom binary sequence generation, and second, to design and implement a fast and secure image encryption scheme using the

chaos-based PRBSG and conduct its cryptanalysis.



Dr. Rasika Naik

Flutter: A Successful Add-on Course on Mobil

~ Shraeyaa Dhaigude

The Department of Computer Engineering, in collaboration with VESIT-IIC and VESIT-IQAC, organised an add-on course on "**Flutter-Mobile App Development**" from March 4th, 2023, to March 18th, 2023. The course was conducted online and aimed to enhance the mobile application development skills of second-year students.

The course took place during the second quarter of the academic year 2022-23 and had a duration of 20 hours. The program featured a series of hands-on workshops led by esteemed speakers, including **Mr. Richard Joseph** (Assistant Professor CMPN), **Mrs. Veena Trivedi** (Assistant Professor), **Mrs. Perna Solanke** (Assistant Professor), **Mrs. Manisha Mathur** (Assistant Professor), **Mrs. Priti Joshi** (Assistant Professor), and **Mrs. Priyanka**

Shah (Assistant Professor). Mr. Richard Joseph and Mrs. Veena Trivedi served as the coordinators for the program.

The program had a primary focus on research and development (R&D) and innovation. Its objective was to provide students with a comprehensive understanding of mobile app development using Flutter and its interaction with Django.

Overall, the add-on course on Flutter-Mobile App Development organised by the Department of Computer Engineering in association with VESIT-IIC and VESIT-IQAC proved to be a successful initiative to enhance the mobile application development skills of the participants.



Event Speakers (Top-Bottom, L-R): Mrs. Manisha Mathur, Mrs. Perna solanke, Mrs. Priti Ashish Joshi, Mrs. Veena Trivedi, Mrs. Priyanka Nagda, Mr. Richard Joseph

Session on Journal Paper Writing

~ Suhanee Kandalkar

A journal conference paper writing session was held by **Edisha** on 28 January 2023, led by speaker **Mrs. Asma Parveen** (Assistant professor, Department of Information technology).

She started by stating some of the major crucial points for writing a journal paper in the Universally accepted format. Writing a research paper not only helps a student to highlight the key points they worked upon and improvise further but also it helps trigger the reader about visibility of work you did through your research paper.



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



Poster of the session

Leveraging Innovation Through AR

~ Vinit Solanki

On 13th of March, 2023 the **Department of Computer Engineering** in associate with VESIT-Institution's Council (IIC) and VESIT-Internal Quality Assurance Cell (IQAC) under the supervision of **Mr. Richard Joseph** (Assistant Professor, CMPN department), **Mrs. Indu Dokare** (Assistant Professor, CMPN Department), **Mrs. Yugchhaya Galphat** (Assistant Professor CMPN department), conducted an event about What is **Augmented, Virtual and Mixed Realities**? How it can be applied in real life? And What are the future opportunities for us in the field of A.R., V.R., and M.R.? The speaker for the was none other than an expert himself **Mr. Arnav Neel Ghosh** (Strategic Advisor, Growth-International Markets, Parallax- UK | Korea| India).

Mr. Arnav Neel Ghosh discussed the immersive technologies of AR, VR, and MR, highlighting their abilities to enhance reality. AR overlays digital information onto the real world, while VR creates immersive digital environments. MR combines elements of both to create a hybrid experience. He explored applications in gaming, education, healthcare, and industrial training, particularly focusing on military solutions and the role of parallax. Mr. Ghosh acknowledged challenges like privacy concerns and the need for accessible hardware. Nonetheless, he expressed optimism about the transformative potential of AR, VR, and MR in revolutionizing technology interaction, communication, learning, and creativity.



(L-R): **Mrs. Yugchhaya Galphat** (Assistant Professor, Department of Computer Engineering), **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering), and **Mrs. Indu Dokare** (Assistant Professor, Department of Computer Engineering)

Combating Financial Crimes Using AI & ML

~ Vinit Solanki

The Academic Year 2022-23 witnessed an engaging and informative **Skilled Enhancement Lecture (SEL)** organized by the **Indian Women Scientists' Association (IWSA)** in collaboration with the Department of Computer Engineering. The event was supported by the Board of Research in Nuclear Sciences (BRNS)-DAE, with the aim of enhancing knowledge about innovation techniques for combating financial crimes using AI and ML.

The SEL commenced with an introduction by **Dr. Sharmila Sengupta**, the Master of Ceremony (MOC), who welcomed esteemed delegates from IWSA, namely **Dr. Tripathi Tewari**,

Dr. Sukhvinder Sandhu, and **Dr. Vini Sandhu Apeejay**. Dr. Sukhvinder Sandhu provided a comprehensive overview of IWSA, setting the stage for the insightful lecture.

The speaker of the day, **Mr. Mustafa Fatakdawala** a Senior Financial Crime Specialist at Tata Consultancy Services in Mumbai, was introduced by Dr. Sharmila Sengupta. Mr. Fatakdawala commenced the session by highlighting the technology pillars for Business 4.0. He then delved into the various types of financial crimes, emphasizing the role of AI and ML in combating them. Two use cases, namely entity recognition and entity matching against

sanction lists, were discussed, showcasing practical applications of these technologies.



Speaker of the day: Mr. Mustafa Fatakdawala (Senior Financial Crime Specialist, Tata Consultancy Services)

Session on India's G-20

~ Meghna John

The participants were 166 students from various **Departments such as Artificial Intelligence and Data Science, Computer Science, Information Technology, Instrumentation, Electronics, Electronics and Telecommunication, MCA and Humanities and Applied Sciences** as well as Faculties from the previously mentioned departments.

Chaitali Gaikwad (SE-AIDS) invited Principal Ma'am and speaker for Saraswati Pooja and Deep-Ujwalan. Then, she gave an introduction and glimpse of the Speaker's past work experiences, **Mr. Eshaan Ganpule**, a Student's Rights Activist since 2021, Y20 delegate for G20.

An introduction about the G20 as well as Y20 was given by the esteemed orator followed by

the process of the presidency, which is decided by the common consensus. The concept of Welfare State was unveiled, where citizens abide by the law to gain the protection of the state. The speaker addressed the question of how the democratic countries solve their problems via the G20. This is done by appointing a 'Sherpa', who is responsible to set the agenda as well as negotiating the outcomes of the meetings, and ensuring that the process is smooth and unbiased. After the policy negotiation is done, the final draft is developed which goes to the Sherpa. The speaker told us various anecdotes about the era of Shivaji Maharaj which acted as an analogy to the previously mentioned process. He explained that the G20 works on innovation, 21st century skill and the future of work. A face-to-face

discussion was held after the session where students were asking questions based on the session. A memento was given to Mr. Ganpule from **Dr. J.M. Nair** (Principal, VESIT) as a token of appreciation which concluded the session.



Speaker of the session: Mr. Eshaan Ganpule

Learning about Artificial Intelligence

~Riya Varyani

On the occasion of National Science Day, the Department of Artificial Intelligence and Data Science in association with VESIT-IIC and VESIT-IQAC organized **Innovative Ways of Learning, Play on "Ecosystem of AI"** on 28th of February 2023 from 1:00 pm to 2:00 pm. The coordinators of the event were Dr. Anjali Yeole (Deputy head, Department of Artificial Intelligence and Data Science) and Mrs. Sangeeta Oswal (Assistant Professor, Department of Artificial Intelligence and Data Science). This event was attended by all the faculties and all the students of the department.

The theme of the play was fun and comedy. This play was performed by the senior members of the club. The participants of the play explained the meaning of Artificial Intelligence and its sub-branches. This play focused on the family tree of different types of AIs. The family tree of AI is divided into three categories: Machine, Reinforcement, and Deep learning. These categories are further divided into subcategories which were elaborated in the play. Each member came on stage and explained a specific type of AI and how it works. Explanations given by members were fun and light-hearted justifying the theme of the play.



Coordinators of the event were Dr. Anjali Yeole (Deputy head, Department of Artificial Intelligence and Data Science) and Mrs. Sangeeta Oswal (Assistant Professor, Department of Artificial Intelligence and Data Science) along with the students

Drive Into The Typesetting World LaTeX

~Avan Shetty

The Department of Electronics and Telecommunication Engineering of Vivekanand Education Society's Institute of Technology organized a **workshop on LATEX** typesetting technical documents for the students of Electronics & Telecommunication in association with IIC & IQAC. It was conducted on 25th February 2023 from 11:00 am to 1:00 pm in the college premises.

Dr. Chandan Singh Rawat (Head, Department of Electronics and Telecommunication) the resource person for the day shared his insights

on LaTeX. The idea behind this workshop was to enable students to create a LaTeX article from start to finish. LaTeX is an extremely powerful typesetting system and does the work of a designer. It is easy to learn and convenient for the students. There were total 105 participants enrolled for this workshop.

The session helped the students to understand the concept of LaTeX thoroughly. At the end, students had a great learning and experience through LaTeX.



Dr. Chandan Singh Rawat (Head, Department of Electronics and Telecommunication) resolving students query

Building a Firewall, Brick by Brick!

~Avan Shetty

Internet has taken over this world and has already paved a huge milestone. Foremost, hacking has become the prominent threat to the cyber world. With the need of Cyber Security, the Department of Electronics and Telecommunication Engineering of Vivekanand Education Society's Institute of Technology associated with the Institutions Innovation Council (IIC), Institution's Quality Assurance Cell (IQAC) and TeleNetworks Technologies Pvt. Ltd conducted a 7 days certification course on **"Hands on Cyber Security Essentials"**.

It was a one week online course that commenced from 20th February 2023 till 26th February 2023. A whopping number of 40 participants registered for this workshop. Dr. (Mrs.) Ranjan Bala Jain (Professor, Department of Electronics and Telecommunication) and Mrs. Anuradha Jadiya (Assistant Professor, Department of Electronics and Telecommunication) were the

coordinator for this certification course.

This certification course assisted better insights of Cyber Security domain, various kinds of tools like Metasploit, Wireshark, Burp Suite, Kali Linux and MITM attack using Arp spoofing. The participants also gained knowledge regarding concepts of Cyber Security with real life examples which boost academic knowledge and learning.

Mr. Yogesh Hudale (Director, TeleNetworks Technologies Pvt. Ltd) and Ms. Prachi Mule (Cyber Security Manager, TeleNetworks Technologies Pvt. Ltd) were the resource persons for the session. Hands - on Cyber Security essential course for beginners is designed to give participants a foundational look at today's Cyber Security landscape and to provide the knowledge to use tools to evaluate and manage security protocols in information.

Participants who have completed the course received their certificates during the valedictory function which was conducted on 17th April 2023.



Dr. Ranjan Bala Jain (Professor, Department of Electronics and Telecommunication)



Participants receiving the certificates.

Celebration of National Startup Day 2023

~Rushikesh Sarak

VESIT E-Cell in collaboration with VESIT IIC conducted its first event of the year 2023 on the occasion of **'National Startup Day'**, intending to train and open the students to new ideas and opportunities. The session was conducted on the 16th of January 2023 at VESIT Auditorium. The session centered around **'How Indian startups will help the country become self-sufficient by 2030'**.

The event started with an introductory speech from Dr. (Mrs.) J.M. Nair (Principal, VESIT) addressed the students by focusing on

innovation and logical learning. The events also had five successful entrepreneurs, who built their ventures from scratch. Mr. Prateek Gupta (CEO, Noknolite), Mr. Rahul Juriani (Executive Director, Shell Fire India), Mr. Vijay Talreja (Member Board of Trustees, VESIT), Mr. Minhaj Shaikh (Co-Founder and CEO, Friends Campus), and Mr. Shiv Krishnamurthy (Partner, Revolo Infotech) were the guest speakers who enlightened the session and shared their experience of building their ventures.

Each speaker had a different start in terms of education, finance, and resources, but at present

everyone achieved the height of success, beyond their imagination. There were many points and advice each one of them gave, but the most common advice given by everyone was to be continuous and have patience. Each one of them emphasized trusting the process, as it takes years to build an empire but a single day to destroy it.

In the end, the speakers answered the students' queries, the LinkedIn Ids of all the speakers were also shared with each class group, and google forms were circulated to receive the students' responses as feedback for the team E-Cell.

Seeking the Guidance, to Become an Entrepreneur

~ Brijesh Sharma

Institution Innovation Council-VESIT and the Department of Electronics Engineering organized the event 'A Pathway towards Entrepreneurship' for developing and cultivating the entrepreneurial mindset of the students. The event was conducted on 28 February 2023 in Room No.212. The program was coordinated by **Dr. Parmeshwar Birajadar** (Assistant Professor, Department of Electronics Engineering), **Mr. Abhishek Chaudhari** (Assistant Professor, Department of Electronics Engineering), and **Mrs. Dipti Khimani** (Assistant Professor, Department of Electronics Engineering) and the speaker of the event was **Dr. Dinesh Gupta** who is a gold medalist Mechanical engineer, Amazon Bestselling author, motivational speaker, spiritual corporate trainer,

mindset coach, management consultant, and multiple World Record Holder. He is a well-known TEDx and two-time Josh talk speaker, Limca book of record holder and three-time National Doordarshan channel speaker, and the author of 19 Books.

The session began with the speaker introducing himself and discussing his experience and achievements. The honorable speaker explained to the students how to run the business efficiently. He also discussed the five business management skills and ways to tackle various challenges faced while establishing a business. The session was concluded with the felicitation of the Speaker by **Mrs. Kavita Tiwari** (Head, Department of Electronics Engineering).



Session with speaker Dr. Dinesh Gupta

Awareness Program By VESIT Scholarship

~ Anagha Kulkarni

The 'Shishyavriti Yojana' Awareness Program: VESIT Scholarship was organized by the VESIT Scholarship team to interact with students from different categories regarding various scholarships. The program was conducted in the auditorium on 20 January 2023 from 1:30 pm to 3:00 pm. The program's main aim was to discuss the application process, formalities, and selection criteria of various scholarships and create awareness among meritorious and economically challenged students.

The Program started with the welcoming of speakers, staff, and students by **Mrs. Vinita Mishra** (Assistant professor, Department of Information Technology) followed by **Saraswati Vandana** and the lighting of the lamp by **Dr. J.M Nair** (Principal VESIT), and **Dr. Sharmila Sengupta** (Associate Professor, Department of Computer Engineering).

It was then followed by the introduction of the event by Dr. Sharmila Sengupta. She gave an overview of the various scholarships at VESIT including the Students Aid Scholarship, Vivekanand Jyoti, & Sahayog Scholarship with their application process and selection criteria. She also informed students about Non-VESIT scholarships like the Late Tarun Kumar Basu scholarship and Jadavpur University Alumni Association Trust scholarship. Moving on, **Dr. J. M. Nair** (Principal VESIT) motivated students to apply for various scholarships at VESIT. **Farheen Khan** (BE- EXTC) shared her motivational journey of overcoming hardships during her father's illness and after her father's demise. She also shared her experience with students about her various startups like Athenar, 24x 7 relocater, and freelancing, which provided financial support to her family and helped her pay

college fees and other expenses.

Mrs. Janvi Vishaye Padiyar, from the admin office, instructed students regarding the Government Scholarships followed by an informative session regarding educational bank loans by **Mr. Sagar Adate**, Manager Regional office Mumbai south, Union bank of India. The event concluded with a thank you speech.



Felicitation of Farheen Khan (BE- EXTC)

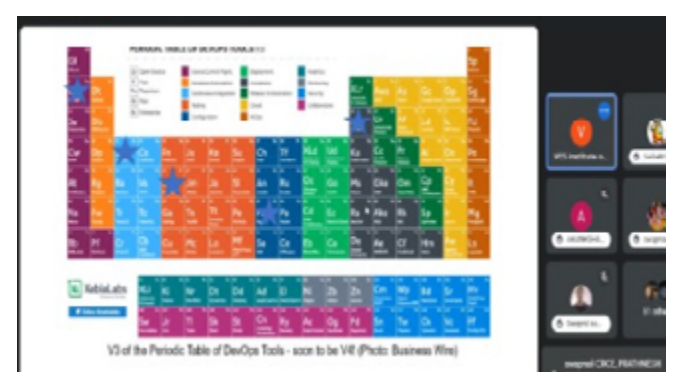
Understanding DevOps With CSI

CSI-VESIT joined hands with AI&DS Department under the guidance of VESIT IIC (Institution Innovation Council) and VESIT-IQAC (Internal Quality Assurance Cell) and presented a DevOps workshop. This workshop was conducted by **Mr. Amit Singh** (Assistant Professor, Department of Artificial Intelligence & Data Science). The workshop was split into two days of sessions. The first half was successfully organized on 21st January 2023 from 10:00 AM to 3:30 PM and the second half was conducted on 28th January 2023 from 10:00 AM to 3:30 PM. The

sessions were conducted online through Google Meet. Around 30 students attended the workshop.

On the first day, Mr. Amit Singh started the session by giving an introduction to DevOps Onboarding AWS, Working with Git and GitHub. He also spoke about Jenkins and implemented a demo.

The workshop on the second day started with an introduction to the working of Docker and Puppet. He also gave a live demo of Selenium. The session was concluded with Hands-on Practice from the student's end.



Speaker explaining the periodic table of DevOps

Acquiring New Technological Skills

~Riya Varyani

A workshop on PowerBI and Apache spark was conducted by **Dr. Darshan Ingle** on 11th February from 9 am to 4:30 pm. Coordinator of this workshop were **Mrs. Sukanya Roychowdhury** (Assistant Professor, Department of Information Technology) and **Dr. Ravita Mishra** (Assistant Professor, Department of Information Technology). This workshop was attended by a total number of 147 students from the Information Technology department and 6 faculties of the institute.

The workshop was a two-day event, a practical workshop session was conducted on

the first day and a quiz on the second day. The objective of this programme was to help students to overcome problems faced during data cleaning and aggregation stages. The workshop helped students to learn how to use these technologies to create stunning visualizations and help businesses to make better decisions.

Dr. Ingle explained the features in detail and their uses in data analysis. The professor discussed tools, including feature engineering, data visualization, data wrangling, predictive modeling, etc. This workshop helped students to learn about

the PowerBI of Microsoft. On the second day, a quiz was conducted. Students who scored more than 75% were awarded certificates.



Dr. Darshan Ingle conducting workshop on PowerBI and Apache Spark

Mastering JS Workshop Empowering Developers

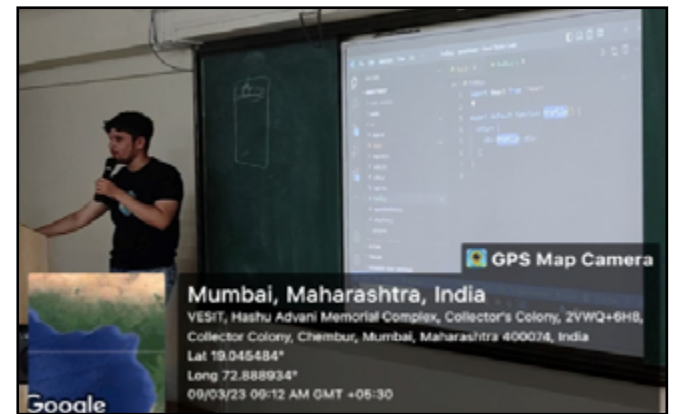
~ Shraeyaa Dhaigude

The Department of Information Technology organized a workshop on Next.js, conducted by two third-year students **Sarvesh Limaye** (TE-INFT) and **Manav Tanna** (TE-INFT). The workshop was conducted in classes B51 and B52. It aimed to provide an overview of Next.js and hands-on experience in building and deploying applications using the framework. The objectives included understanding React basics, creating projects in React and Next.js, learning about state and props in React, exploring Next.js advantages, understanding its file structure, and connecting projects with Firebase for authentication and storage.

The workshop started with an introduction

to React, covering its key concepts such as components and the virtual DOM. The presenters then demonstrated how to set up a React project, discussing the use of components, state, and props to create interactive websites. They showcased a simple counter program that responds to key presses.

Overall, the workshop provided valuable educational opportunities, enhancing participants' understanding of React, Next.js, and Firebase. The presenters effectively explained the topics and engaged the audience through practical activities. The session allowed time for questions and collaboration among attendees.

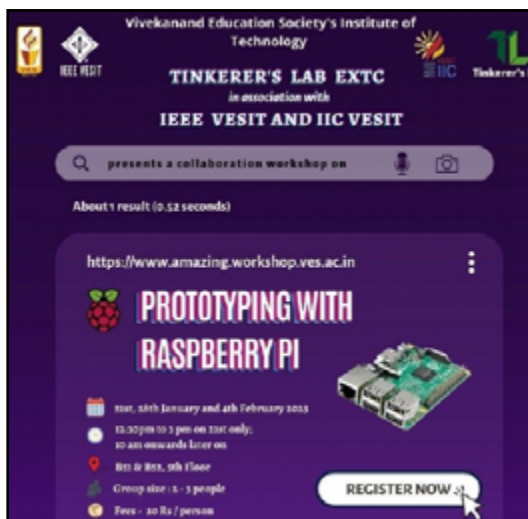


Speaker Sarvesh Limaye explaining Next.JS

Grasping the Raspberry Pi

~ Bhumisha Parchani

Tinkerer's Lab EXTC in association with Institution's Innovation Council (IIC), Internal Quality Assurance Cell (IQAC) and Institution of Electrical and Electronics Engineers (IEEE) organized an offline workshop "**Prototyping with Raspberry Pi**". It was organized on 21 January, 28 January and 4 February, 2023. This three day event briefing the participants with the installation and uses of raspberry pi. The workshop made sure everyone was familiar with the device.



Poster of the event

Raspberry Pi is a device which enables us to explore computing and to learn how to program in languages like Scratch and Python. To address this, the University of Mumbai added a Mini Project using Raspberry Pi in EXTC engineering. This workshop enabled participants to gain skills in Raspberry Pi interfacing and its programming. This workshop was open for all students of engineering.

The goal of this workshop was to introduce attendees to the Raspberry Pi board, as well as its programming on Thonny and interfacing with sensors such as ultrasonic, DHT11, and MQ2. The 3-day workshop was meant to educate participants with a fundamental understanding of the Raspberry Pi Board, as well as the application of that knowledge in their mini-projects. And the seminar was an additional point for participants to explore more regarding the on-going trends & technologies in the industry regarding Raspberry Pi.

The third and the most interactive part of the workshop has two speakers **Mr. Shubham Madhavi** (Batch of 2020, EXTC) and **Dr. Nadir Charniya** (Professor, Department of Electronics and Telecommunication). The former enlightened the partakers with the use of open CV and the

latter motivated everyone towards new innovation for the society.



Glimpses of 3 days of 'Prototyping with Raspberry Pi' Workshop

With 100 participants, the workshop was an enormous success. It was the perfect blend of fun and need for recreation which drew in more people. The students appreciate the efforts of the council and applaud their wonderful job.

STTP on Trends in FPGA – Design and Prototyping using VERILOG

~ Shreya Nalawade

Tinkerer's Lab, Electronics and Telecommunication Department in Association with CoreEL Technologies (I) PVT LTD, Bangalore, **VESIT - Institution's Innovation Council (IIC)**, **VESIT - Internal Quality Assurance Cell (IQAC)** and **VESIT - International Society of Automation (ISA)** organized a Short Term Training Program (STTP) on "**Trends in FPGA - Design & Prototyping using VERILOG**" starting from 2nd January to 7th January, 2023 at 10:00 AM to 4:00 PM - Daily for a week. The eminent speaker of this training program were **Mr. Prakash Ganesh** (Lead Application Engineer at CoreEL Technologies,

Pune) **Mr. Sharan A.** (Application Engineer at CoreEL Technologies, Bengaluru) **Mr. Mrugendra M. Vasmatkar** (Assistant Prof. & Faculty Advisor Tinkerer's Lab, Electronics and Telecommunication Department) **Mr. Gopalakrishnan N.** (Assistant Professor and Faculty Advisor ISA-VESIT) and **Mr. Sagar Mhatre** (Assistant Professor, KJSIEIT).

The objective of this Short Term Training Program was to expose participants to FPGA i.e. Field Programmable Gate Arrays, it's Design and Prototyping. The STTP was designed to provide participants with basic knowledge of VLSI design flow using Xilinx Tool, application of that knowledge further in Mini- projects and to also introduce

new trends in FPGA. The program also ensured to train participants in Verilog programming, its design implementation and testing on FPGA, interfacing of peripheral devices and to also learn implementation of Machine learning algorithms using Xilinx Tools like VITIS and HLS. With over 50 participants, a design thinking training program was hosted by Student Coordinator **Riya Gorade** (TE-EXTC), Senior Organizing Member at Tinkerer's Lab Electronics and Telecommunication Department and Faculty Coordinator of Electronics and Telecommunication Department **Dr. Nandini Ammanagi** (Assistant Professor, Department of Electronics and Telecommunication) and **Mr.**

Mrugendra M. Vasmatkar (Assistant Professor, Electronics and Telecommunication Department). A week-long training program that solely focused on enhancing the knowledge of participants on FPGA and its basics.



Speakers (L-R): Mr. Gopalkrishnan N (Assistant Professor, Instrumentation Department), Mr. Mrugendra Vasmatkar (Assistant Professor, Electronics and Telecommunication Department) and Mr. Sagar Mhatre (Assistant Professor, KJSIEIT)

A brief introduction of the speaker was given to all the participants. The training program was initiated by Mr. Mrugendra Vasmatkar, who stated that – “The very first thing is not to code directly without understanding the logic behind it.” On the first day the Overview of VERILOG Programming, its basics, dataflow and modeling concepts were discussed. With all this influx of information and resources, to make this technical program a fun one the Organizing team of Tinkerer’s Lab Electronics and Telecommunication Department made sure to quiz the participants after daily sessions, and these quiz sessions came with prizes. This fun element also gave a boost of motivation to the participants to be more engaged in the training sessions. “The knowledge provided through this training program motivated us, participants to learn & explore more about the FPGA world.” – this was the valuable feedback received about the 6 days on STTP. Thirty-three students and 6 faculties from VESIT and

different college departments attended the STTP. This STTP developed a mindset about exploring FPGA – design, prototyping and VERILOG programming among attendees. This program is successfully coordinated by the Faculty & Students of Electronics and Telecommunication Department and Organized by Tinkerer’s Lab Electronics and Telecommunication Department.



Group Picture of all the attendees with the principal and the speakers

Say Hello To The Future With Machine Learning

~ Vinit Solanki

On 3rd October 2022, **CodeCell Tinkers' of Computer Engineering** in association with VESIT-IIC and VESIT-IQAC organized a **Machine Learning session** at Classroom B32 in response to the growing need for Machine Learning and the increasing number of positions available in the technology sector. The session was aimed at providing advice on how to begin the adventure with machine learning. The session was conducted by **Vishesh Mittal**, a past MITACS GRI '22, CVIT fellow, IIT Roorkee RA, TA at Coding Ninjas, Smart India Hackathon 2022 Winner. The session started with Vishesh Mittal giving an introduction on the topic, followed by an explanation of the difference between an ML engineer and a researcher. He then

shared a list of various paid and unpaid courses, including Deep Learning Specialization by Andrew NG, ML course by Scalars Academy, Everything you need in Python by Corey Schafer, and Code Basics (Basic ML). The speaker emphasized the importance of projects and suggested that students should build as many projects as possible.

In conclusion, the machine learning session organized by CodeCell was informative and insightful. It provided attendees with valuable information on how to start their adventure with machine learning and highlighted the importance of projects. The event was executed well and received positive feedback from the attendees.



Speaker Vishesh Mittal explaining to the students

Hands-on IEEE Pygame Workshop

~ Shreya Nalawade

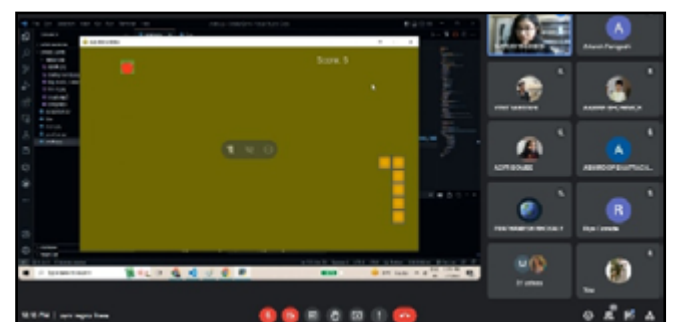
IEEE conducted '**Pygame Python Workshop**' from 6th January and 7th January. Moreover, 90 students got themselves registered in the workshop. This workshop was conducted on the online platform of Google Meet. In this workshop, the main aim was to build a complete game that people can show in their projects. So IEEE decided to take the Pygame workshop that we all have played in our life on the small Nokia phones. But for that they had to first teach python basics so that students could understand the important concepts of Python as well as the game they were about to code.

On the first day, the speaker was **Aditi**

Bombe (TE-EXTC). She covered the Basics of python, and clear all the doubts that people have about classes and functions in python, which are one of the important concepts of OOP (i.e. Object Oriented Programming). After completing, she started with the code by initializing the game and building some basics.

On the Second day, **Sheryl Bellary** (TE-AI&DS) was the speaker who gave insights on various python modules. Participants learned about some important concepts like the Time module, Collision, displaying various info on the screen, adding music to it, reset, pause, etc. While teaching, some of the students were very active

and were answering continuously throughout the workshop. It was one of the best workshops that was taken by IEEE-VESIT.



Building a Pygame using Python

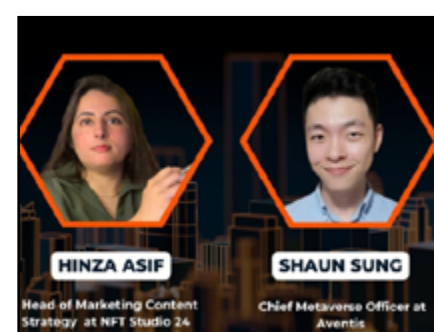
Diving Deep Into The Metaverse With IEEE

~ Shraeyaa Dhaigude

IEEE VESIT bringing in a breath of fresh air conducted a pretty innovative and up-to-the-minute workshop based on **WEB3 AND METAVERSE**. The two-day webinar was held on the 22nd and 23rd of February, 2023 from 3 pm to 5 pm in the auditorium. It was free for all IEEE members and non-IEEE members were charged a fee of Rs.20/-. The event covered the concepts of Web 3.0 and the metaverse.

The webinar was conducted successfully by

Hinza Asif (Head of Marketing Context Strategy at NFT Studio 24) and **Shaun Sung** (Chief Meta verse officer at Aventis). He is also the founder of Meta minded, a Web3 Consultancy Firm and certified in AI, Data science and cloud Computing. The participants of this webinar were awarded a plethora of exciting offers such as Minted Certificates for 2 Students, a Blockchain Developer Internship for 3 students and a Scholarship on Aventis Metaverse courses for 5 students.



(L-R) Event Speakers - Mrs. Hinza Asif and Mr. Shaun Sung

Guiding Light for Future - BE and Beyond

~ Sujal Sahu

The 'BE and Beyond' workshop was conducted by ISA-VESIT on 23rd and 24th of February 2023. This workshop was held in the auditorium between. The event was to thoroughly acquaint the audience about their future journey.

The first day was hosted by **Ojas Patange** (SE-INST) and **Sharvari Patwardhan** (SE-EXTC). The speakers **Pranav Awhad** (SE-EXTC), **Ameya Padwad** (BE-EXTC), and **Janhavi Bhutki** (Chief Editor at ISA-VESIT) equipped the audience with information. Initially Mr. Pranav Awhad through a ppt presentation explained the pattern of CAT Exam. He mentioned about the various sections of the exam and some tips and tricks to crack the exam. Secondly, Mr. Ameya Padwad clarified the placement rules of our college one should keep in mind before appearing for the placement process. Lastly, Janhavi Bhutki described her experience of getting into the dream company of many students i.e. JPMC. Each presentation was followed by an interactive session with the audience where each of



Janhavi Bhutki (BE-EXTC), addressing the audience

their doubt was cleared.

Second day was hosted by **Sai Thikekar** (SE-CMPN) and **Suhane Kandalkar** (SE-AIDS) while the speakers were **Dhruvisha Mondhe** (Sr. Software Developer at ISA-VESIT), **Rahul Patil** (BE-INST), and **Rashmi Singh** (BE-CMPN) who gave the directives of GRE, GATE, and placement in core companies like ExxonMobil respectively.

The session started with the presentation

given by Ms. Rashmi Singh, who shared her experience about preparing for the GATE and also gave a brief insight into the exam. Followed by, **Dhruvisha Mondhe** (BE-CMPN) gave some tips to crack the GRE and also shared some useful resources which would help in the exam. Lastly Mr. Rahul Patil shared his experience about the placement procedure specifically getting into a core company 'ExxonMobil'. The session concluded with briefing of all the doubts regarding the discussed topics.



Pranav Awhad (BE-EXTC), addressing the audience

Exploring MS Azure: Skills for Web Hosting

~ Sujal Sahu

On 20th March students from VESIT got a golden opportunity to attend a workshop regarding **Web Hosting** by **Codecell**. The offline event that covered a plethora of topics was held from 12:30 PM to 2 PM for the students to improve their skill set.

The event started off with **Attreyee Mukherjee** (SE-CMPN) explaining what website hosting is and how it works. She further went on to explain about cloud computing which is the on

demand delivery of IT resources over the Internet with pay-as-you-go pricing. She also explained in detail different cloud services like SaaS, PaaS, Faas, Iaas.

The next topic covered was regarding serverless architecture. The significance of VMs which virtualize the entire machine and Containers which only virtualize software layers above the operating system level was explained. She also explained the functioning and importance of

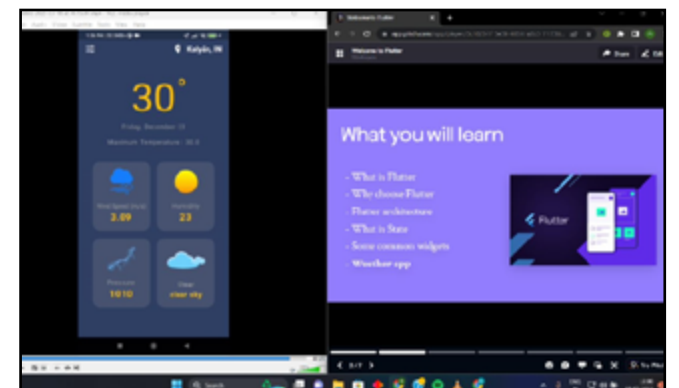
Azure storage. She then went on to emphasise on the importance of finding a good hosting platform. This was followed by a demo session on how to make an Azure account and explained the process of hosting static websites through Microsoft Azure and also mentioned the various perks of doing the same. Apart from this, the speaker also mentioned that Microsoft Azure credits would be given to the attendees which would help them host their own websites.

Learning App Development with Flutter!

~ Meghna John

The **Flutter Workshop** was organized by **CSI-VESIT** on 18th and 19th March, 2023, in online mode from 11 am onwards. Flutter is a widely-used open-source UI software development kit for mobile app development created by Google and is highly favored by developers. This two-day workshop was open exclusively for CSI-VESIT's members. The first session of the workshop began when the Junior Technical Officer, **Ritesh Bhalerao** (SE-AIDS), took the lead and explained the basics of flutter and created a stateful mobile application to familiarize the participants with the basics of app development using flutter.

After getting used to the basics of mobile app development, the second session of the Flutter Workshop was a hands-on session where all the participants were taught to build a weather application by integrating the weather API. The session began with Junior Technical Officer **Himanshu Goyal** (SE-AIDS), who revised the concepts from Day 1 and then started with the project. The app asks for the user's current location and displays the weather around his/her area. Then the workshop concluded with a doubt session, where all the participants received satisfactory responses to their doubts.



Weather app created in the workshop

Micropython on ESP32

-Sujal Sahu

ISA-VESIT conducted a workshop on 'Micropython on ESP32'. This workshop was for SE and TE members. It was held on the 6th and 7th of February, 2023. Workshop was conducted in Room B21. This workshop was conducted by **Nilesh Sharma** (Technical Executive), **Prathamesh Komte** (Executive Officer), and **Sanchit Mhadgut** (Jr. Treasurer, ISA-VESIT).

On the 1st day fundamentals and features of Micropython were explained. Nilesh familiarized the audience about the schedule of the session.

Prathamesh explained the pin configuration of the I/O shield.

2nd day was a session where participants got to make projects using ESP32's inbuilt WiFi module like Weather Station, Whatsapp Bot using APIs, and WiFi Access Point.

The completion of 'Micropython on ESP32' workshop gave a basic understanding of the ESP32 board and the I/O shield. The projects made proved the success of the workshop. Energetic participation by the council members was highly appreciable.



Speakers conducting the workshop

From TRL-O to Global IT Hub

- Meghna John

On 20 March 2023, an entrepreneurship event was held, organized by E-Cell. The event aimed to provide a platform for entrepreneurs to share their insights and experiences, and discuss the challenges and opportunities in the entrepreneurial landscape to the students of our college. The event was attended by enthusiastic students who wanted to learn more about entrepreneurship. The event started with an interesting discussion by **Mr. Harish S. Mehta** (Chief Guest), a successful entrepreneur and the host **Mr Vijay Talreja** . Mr Harish Mehta shared his journey of starting and scaling his business. He emphasized the importance of having a clear vision, a solid team, and a willingness to learn and adapt to the changing market conditions. He also highlighted the role of technology and innovation in creating new opportunities and disrupting traditional industries. The entrepreneurship event was a great success, providing a valuable platform for students to connect, learn, and collaborate. The insights and experiences shared by the keynote speaker were insightful and thought-provoking.



Poster for the event



Mr. Harish Mehta and Mr. Vijay Talreja in a dicussion



Enthusiastic Students with the honourable guests

A Drive To ISRO!

~ Srushti Chopade

On 24th February 2023, Second Year students of **Department of Computer Engineering** and **Department of Information Technology** from VESIT with the coordinator **Dr. Shalu Chopra** (Head, Department of Information Technology), **Mrs. Sneha Pakle** (Assistant Professor, Department of Technology), **Mr. Anil Ahir** (Assistant Professor, Department of Information Technology), **Mrs. Abha Tiwari** (Assistant Professor, Department of Computer Engineering), and the faculty members **Mrs. Sujata Khandaskar** (Assistant Professor, Department of Computer Engineering), **Mrs. Priyanka Shah** (Assistant Professor, Department of Computer Engineering), **Mrs. Manisha Mathur** (Assistant

Professor, Department of Computer Engineering), went for a field trip to VJTI ISRO Exhibition 2023 which was part of Technovanza VJTI 2022-23 three-day exhibition from February 24th to 26th at the Veermata Jijabai Technological Institute (VJTI) in Matunga, Mumbai. They visited the VJTI from 9 am to 2 pm on 24th February, and spent the day at the exhibition ground of VJTI. On Saturday, more than 50,000 people visited the expo. This exhibition provided an excellent opportunity for students to learn about the advancements in space technology and explore the wonders of the universe. Sci & Tech Expo 2023 at the Technovanza VJTI is in collaboration with:
1. Indian Space Research Organization (ISRO)

2. Bhabha Atomic Research Centre (BARC)
Students were also guided about careers in ISRO, launch vehicles and satellite models were shown, humanoid robots and smart space robots were shown. The expo – TechnoVanza – started on February 24 and was expected to go on till February 26.



Students on a visit to VJTI -ISRO Exhibition

VESIT Students Gain Industry Insights

~ Shraeyaa Dhaigude

On March 1, 2023, the **Instrumentation Department** of VESIT organized an industrial visit for 60 students to **R.K. Dutt** and **R.K. Control**, two manufacturing companies located in Thane. The purpose of the visit was to enhance the students' understanding of valve construction, flow measurement meters, calibration techniques, and operational procedures. Group A visited R. K. Control, a control valve manufacturing company. They were given a comprehensive tour of the production plant, witnessing the manufacturing process and the utilization of advanced machinery and equipment. The students learned about control valve calibration, operation, and the various types of actuators used. The company's dedication to quality control and customer service left a positive impression on the students. Group B visited R. K. Dutt, a flow measurement meter manufacturing company. They

were also provided with a plant tour, witnessing the manufacturing process of different flow measurement meters, including ultrasonic and electromagnetic ones. The students gained insights into the calibration and operation of these meters, receiving detailed explanations from the company's experts.



IV 2nd Year A&R

The visit to both companies proved to be a valuable learning experience for the students. They acquired in-depth knowledge about valve construction, flow measurement meters, calibration techniques, and operational procedures. The students were impressed by the companies' emphasis on quality control, innovation, and exceptional customer service.



IV 2nd Year A&R

Industrial Visit to Tata Communication Limited

~Nikunj Pal

The Department of Electronics and Telecommunication Engineering at Vivekanand Education Society's Institute of Technology organized an **Industrial Visit** to **Tata Communications Limited** in Pune on 3rd February 2023. The visit was an opportunity for students to see the practical application of their theoretical knowledge in a real-world setting. The visit aimed to provide students with practical knowledge about the telecommunications industry and its operations.

Tata Communications Limited (previously known as Videsh Sanchar Limited) is a well-known service provider that offers services from Voice, IP, Mobile, Data, and Transmission. The company was previously owned by the Department of Telecommunications, the Ministry of Communications, and the Government of India.

On the day of the visit, some of the students started from our VESIT college campus, while some were picked up on route, in a bus at about 6:30 am, accompanied by **Mr. Gaurav Tawde** (Assistant Professor, Department of Electronics and Telecommunication Engineering), **Mrs. Arti Sawant** (Assistant Professor, Department of

Electronics and Telecommunication Engineering), **Mrs. Anuradha Jadiya** (Assistant Professor, Department of Electronics and Telecommunication Engineering), and **Mrs. Himali Patel** (Assistant Professor, Department of Electronics and Telecommunication Engineering). The visit was attended by around 44 students from final and pre-final year classes, along with four faculty members.

Upon arrival, students were taken to the TCL office and were shown a short introductory video about TCL and its company profile. The students were then divided into batches and given a detailed presentation about the company's framework and structure, as well as the protocols in place for automating monitoring, and other processes.

The resource person for the day, **Mr. Amitesh Ghatak**, General Manager at Tata Communications, further explained the company's facilities, infrastructure, and workplace environment. He also discussed the various services offered by the company, including Ethernet services, International Private Line, Content Delivery Network, Unified Communications and Collaboration, Media Services, and Security and

Fraud Prevention. He gave a detailed presentation about the company's framework and protocols in place for automating and monitoring processes.

After the presentation, students were taken to the visitor room section, where they could see the workplace through a glass pane. The workplace was spacious and had all the corporate facilities, with a big multi-paned screen at the front displaying various statuses of different running services, as well as monitoring updates. Mr. Ghatak and **Mr. Rahul S.** from TCL's team explained the charts and trackers used by the employees to ensure all the services were running smoothly.



Group photo with students faculties, Mr. Amitesh and Mr. Rahul from TCL

IV A&R 4th Year

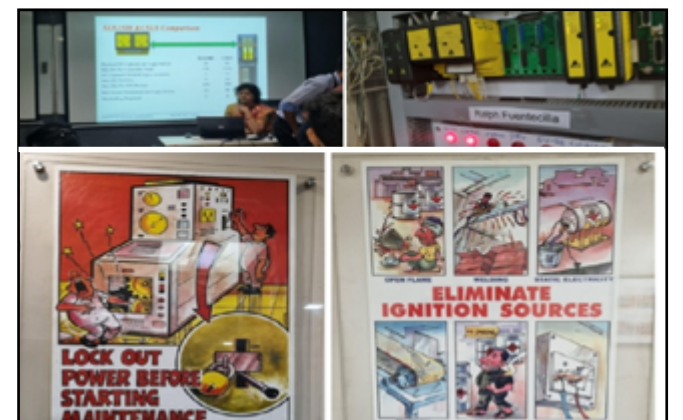
~ Sujal Sahu

An industrial visit to Emerson Automation Solutions was organised by the **Department of Automation & Robotics**, in association with **VESIT - Institution's Innovation Council** and **VESIT - Internal Quality Assurance Cell** on 21st March, 2023. Fundamentals of what Emerson Process Management does were explained by **Ms. Shilpa Pathara** (Training Instructor at Emerson Process Management). The session was conducted on Safety instrumented system (SIS), Safety Integrity Level (SIL), Safety Instrumented Function (SIF), etc.

A live simulation was given to work on and

even got hands-on experience in programming the DCS for a Tank filling process in which we could control the pump flow, control valve opening, and thus regulate the flow in the tanks. All the safety protocols used by the company were also mentioned and explained to us such as IEC61508 which is used to implement control procedures in the company.

Participated students were grateful for the insightful and informative experience that gave them a glimpse into the world of industrial manufacturing.



Glimpse of the workshop

Industrial Visit to Tarapur Atomic Power Station

~ Vinayak Panchal

The Department of Electronics and Telecommunication Engineering at Vivekanand Education Society's Institute of Technology recently organized an industrial visit to the **Tarapur Atomic Power Station (TAPS)** in Tarapur, Maharashtra. The visit was conducted on 24th February, 2023, and was attended by 43 students from second year EXTC as part of the institute's industrial visit activity.

Two senior officers of TAPS then escorted the group to the power plant, where they were taken to the canteen for breakfast. Following this, the students were taken to the Nuclear Training Centre (NTC) for a presentation on Nuclear Technology and TAPS from 12:00 PM to 1:30 PM. The presentation was conducted by senior technical staff of TAPS-3 and 4, and covered various safety

aspects of nuclear power plants (NPPs), emergency preparedness, and the benefits of nuclear power. The students were also briefed on the role of environment monitoring mechanism towards nuclear safety and the insignificant radiation received by people residing in the vicinity of TAPS compared to natural background radiation.

The industrial visit to TAPS was a success and served as a platform for students to learn from experts in the field. It was organized under the guidance of the faculty of the Department of Electronics and Telecommunication Engineering and efficiently executed with the help of a special task force. Such industrial visits are essential in providing students with practical exposure and preparing them for future careers.



Turbine Generator at TAPS

WORLD AND ENGINEERING

Metaverse Chronicles: Embracing the Evolution

~ Shreya Nalawade

What if there was a virtual realm that transcended boundaries, where people could explore, interact, and create in ways limited only by their imagination? That is the essence of the metaverse a vast interconnected digital universe that promises a new level of immersive experiences, social connections, and boundless opportunities. Can you envision a world where reality and virtuality seamlessly merge, giving rise to a shared space where users can shape their own destinies and forge new realities? Welcome to the metaverse, where the possibilities are as infinite as the human imagination itself.

In the metaverse, human beings transform into digital avatars that traverse and interact within the virtual environment. These avatars serve as the representation of individuals in the digital realm,

enabling them to engage in a wide range of activities and connect with other users.

One of the key technologies that facilitates the metaverse experience is virtual reality (VR). Through the use of VR headsets, users can immerse themselves in simulated environments, fully embodying their avatars and exploring virtual worlds. They can interact with objects, navigate through virtual spaces, and engage in activities that may be otherwise impossible in the physical realm. VR technology creates a sense of presence, transporting users to a new realm where they can experience the metaverse with heightened realism and immersion. Another technology that intertwines with the metaverse is augmented reality (AR). AR enhances the real-world environment by overlaying digital elements, such as graphics,

information, or virtual objects. By utilizing AR devices like smartphones or smart glasses, users can seamlessly blend the physical and digital realms. This allows them to interact with the metaverse while maintaining awareness of their surroundings. AR enables mixed reality experiences, where virtual elements coexist and interact with the physical world, enhancing the metaverse's integration into our daily lives.

In conclusion, the metaverse represents a remarkable convergence of technology, imagination, and human connection. It is a digital realm where boundaries dissolve, possibilities expand, and new experiences come to life. As companies embrace the metaverse, they unlock a myriad of opportunities to engage with people in unique and immersive ways.

Rapid Growth Of RegTech

~ Prachit Paralikar

RegTech, or regulatory technology, has become an important tool in the financial industry, offering new solutions that simplify and improve compliance processes. RegTech aims to increase the efficiency, accuracy and effectiveness with which financial institutions meet their regulatory compliance requirements. RegTech's history can be traced back to the aftermath of the 2008 global financial crisis. The crisis highlighted the need for better risk management and compliance management in financial institutions. This has led to greater regulatory scrutiny and increased demand for technology solutions that can improve compliance processes. Traditional manual methods involving data and reports are time-consuming, error-prone, and inadequately audited. With RegTech's automation capabilities and technology, compliance processes can be analysed easily, quickly and accurately.

RegTech includes a variety of solutions designed to address a variety of regulatory issues across industries. For example, business

intelligence software is a RegTech solution that helps organisations detect and prevent financial crimes such as money laundering, financial crimes, and fraud. These solutions use advanced algorithms and analytics to analyse data changes over time, identify suspicious activity or patterns, and generate reports for further investigation.

The rapid growth of RegTech has created many career opportunities for individuals with a strong computer literacy background. Promising professionals can work as RegTech analysts, data scientists specialising in compliance management, software developers focused on building RegTech solutions, or consultants to help businesses deploy this technology. To prepare for a career in RegTech, interested candidates should focus on developing skills related to data analysis and management. Knowledge of programming languages such as Python or R is essential for working with big data and using ML algorithms. Additionally, knowledge of financial regulation and its consequences will provide a solid foundation for developing effective

RegTech solutions.

Using RegTech in finance has its own challenges and limitations. The financial sector operates in a complex regulatory environment with many rules, procedures and standards. Implementing RegTech solutions requires a deep understanding of these regulations to ensure that regulatory requirements are properly interpreted and applied with technology solutions. RegTech solutions often involve the collection, processing and analysis of large and personal data. This raises concerns about data privacy and compliance with data protection laws.

Despite all the challenges, the future of regtech looks promising as regulators continue to tighten their controls on compliance across the industry. As the global economy becomes more technologically advanced, there is a need for professionals who can navigate the complex regulatory environment while using technology to do well.

Future Of Omnichannel

~ Anagha Kulkarni

Omnichannel is an approach to sales, marketing, and customer support that seeks to provide customers with a seamless and unified brand experience, regardless of which channel they use. The organization's distribution, promotion, and communication channels are well-integrated in the back end, so irrespective of whether the customer is shopping online from a desktop or mobile device, by telephone, or in a brick-and-mortar store, their experience will be seamless and consistent. The term omnichannel is most frequently used in retail and e-commerce settings. A brand that focuses on omnichannel is able to provide consistent buying experiences across all the channels it operates on, including online, in-store, mobile, SMS, and social media.

Fynd is India's largest omnichannel platform helping retail businesses accelerate growth. Its technological solutions combine integrated stock visibility and tailored logistics

across demand channels for a consistent and seamless experience. Fynd brings focus back to customers and drives interactions within the brand's omnichannel ecosystem ultimately, unlocking sales and engagement. For implementing the omnichannel strategy, the team is comprised of individuals with diverse set of skill sets and focus areas. Broadly the team has a pool of engineers, business managers, and specialists.

Business: Business managers are generalists with primary focus on on-boarding brands. They are responsible for the integration of inventory and content on Fynd's platform. They understand the domain, the end-to-end product activation pipeline, and play a pivotal role in ensuring all the stakeholders are aligned.

Specialists: Contrary to the business role, this pool of individuals come with a core expertise and are divided into the following three categories: **Meta Specialists, Image Specialist,**

Data Specialists.

Engineering: It comprises of the technology required for implementing the omnichannel strategy. It comprises of individuals with expertise on large-scale data curation, machine learning and expertise in programming. Responsible for building the ML workflow, where in the core purpose is automation of product attributes generation, by leveraging the machine learning models and building a framework to seamlessly train, predict, verify the product attributes.

The future of omnichannel has been drastically accelerated by the pandemic, altering the face of business forever. With no corner or process of any company left untouched amid COVID-19, even the most transformation-resistant industries are rapidly altering course. The use of big data, predictive analytics, machine learning, and other cutting-edge technologies are now core to all facets of this digital transformation.

FEATURED

Alumni Back To VESIT

~ Brijesh Sharma

The Alumni Day for VESIT was hosted by the VESIT Alumni Association (VESITAA) on Saturday, February 25, 2023, in Amphitheatre, starting from 6:00 pm. Approximately 150 individuals registered for the event. Notably, the occasion also commemorated the Silver Jubilee celebrations for Batch 1995, 1996, and 1997.

The event was graced by the presence of key figures, including **Shri. B. L. Boolani** (Managing Trustee, VES), **Dr. J. M. Nair** (Principal, VESIT), **Dr. Vijaylakshmi** (Vice Principal, VESIT), retired teaching and non-teaching staff, VESIT Alumni Committee members, Heads of Departments, Deputy Heads of Departments, and senior faculty members from various departments.

The proceedings commenced with the lighting of the lamp by Principal Dr. J. M. Nair, **Mr. Vijay Talreja** (President of VESIT Alumni Cell), and other dignitaries. Mr. Talreja extended a warm welcome to the alumni, followed by a summary of VESIT's achievements and developments in 2022 by Dr. J. M. Nair.

The unveiling of the "WAVES" magazine was carried out by Mr. Vijay Talreja, who then shared it with the Alumni Committee members on stage. Managing Trustee Shri. Boolani conveyed his thoughts and honored retired teaching and non-teaching staff members with Shawl, Shreephala, and Memento. Subsequently, live counters were set up for dinner, providing an opportunity for alumni to connect with friends and professors.



Distinguished Members Unveiling the magazine 'Waves'

Embracing NEP: VESIT's Transformative Webinar

~ Vinayak Panchal

VES Institute of Technology's Quality Assurance Cell, **VESIT-IQAC**, recently organized a highly informative webinar focused on the implementation of the **National Education Policy (NEP)** for affiliated and autonomous institutes. The event, held on 11th March 2023, aimed to enhance awareness about the NEP and prepare institutes and faculty for its effective implementation.

The webinar, conducted in an online mode, featured esteemed speaker **Dr. Vivek M. Nanoti**, Director (Engineering) at LTJSS-Priyadarshini Group of Institutions in Nagpur. Dr. Nanoti emphasized the significance of online education and its ten key parameters, highlighting the need for multidisciplinary education and the integration of morals and ethics in the teaching-learning process. Furthermore, Dr. Nanoti shed light on the importance of e-content development, internationalization, collaboration, and networking in the context of the NEP. He also emphasized the effective use of technology in day-to-day teaching and learning processes.

The event was coordinated by **Dr. (Mrs.) Rohini Temkar** (Assistant Professor, Department of Computer Engineering), with support from the NEP working committee. **Dr. (Mrs.) Nupur Giri, Professor** (Head, Department of Computer Engineering), played a vital role in initiating and organizing the webinar. Other committee members, including **Dr. (Mrs.) Shalu Chopra** (Head, Department of Information Technology), **Dr. (Mrs.) Gresha Bhatia** (Deputy Head, Department of Computer Engineering), **Dr. (Mrs.) Rajani Mangala** (Professor, Department of Electronics and Computer Science Engineering), **Dr. Abhay Kshirsagar** (Associate Professor, Department of Electronics and Computer Science Engineering), and **Dr. (Mrs.) Saylee Gcharge** (Associate Professor, Department of Electronics and Telecommunication Engineering), contributed to the success of the event.

During the inaugural address, **Dr. (Mrs.) J. M. Nair** (Principal, VESIT), highlighted the importance of the NEP and its potential to reshape the education landscape. The webinar saw active



Speaker of the webinar: Dr. Vivek M. Nanoti

participation from over 60 faculty members from VESIT and proved to be a valuable platform for sharing knowledge and insights related to the NEP. educational. With its commitment to innovation and quality education, VESIT remains at the forefront of educational institutions embracing the transformative changes introduced by the NEP.

Study-Abroad Webinar

~ Nikunj Pal

On March 12, 2023, the **ISTE-VESIT** conducted a **Study Abroad Webinar** that focused on providing students with insights into pursuing higher education abroad. The session was conducted by **Prof. K. P. Singh**, who is an expert in GRE, GMAT, and SAT preparation, and is also the founder of IMFS, India's leading preparation school for these tests. He has also appeared in CNBC's 'Study Abroad' show and has written a book- 'A complete guide to GRE'. The webinar was held on the Zoom Meeting platform and was free and open to all students.

During the session, Prof. Singh discussed the various entrance exams like GRE, GMAT, and SAT, which are accepted by many universities

abroad. He explained their importance and shared tips on how to prepare for these exams efficiently. Additionally, he also talked about the expected cut-offs of various foreign universities, their fee structures, and accommodation facilities offered. He also discussed stay back options in other countries and job opportunities after pursuing degrees like MS, MBA, and Ph.D.

The session ended on a high note with over 100+ participants showing up, and a feedback form was shared. The students had a clear idea of 'How to walk on the path towards their dream college'. The session was a great success, and the audience left with valuable insights into pursuing higher education abroad.



Poster of Study Abroad Session

Rewarding Meritorious Students Hardwork

~ Brijesh Sharma

Hardwork always pays off and to acknowledge the hard work of the meritorious students, the 'Scholarship Distribution and Awareness' event was organized by **Vivekanand Education Society's Institute of Technology (VESIT) Scholarship Team** on 14th March, 2023 in the Auditorium. Jadavpur Alumni Association Trust Scholarships and VESIT Scholarships were distributed to deserving and meritorious students.

The event commenced with **Dr. (Mrs.) Shashwati Roy Majumdar** (Assistant Professor, Department of Humanities and Applied Sciences) and **Mrs. Sukanya Roy Chowdhury** (Assistant Professor, Department of Information Technology) welcomed the guests who brought an aura of prestige to the event, which was followed by the introduction of the event and Saraswati Vandana.

Dr. (Mrs.) J.M. Nair (Principal, VESIT) performed the lamp lighting ceremony, thereby welcoming the respected guests - **Mr. S.P. Ray** (Chairman, JUAA Trust), **Mr. Anjan Chatterjee** (Treasurer, JUAA Trust), **Mr. Sukumar Pramanik** (Secretary, JUAA Trust), **Cdr. S. Jana** (Member,

JUAA Trust) and **Mr. Sapan Ghosh** (Member, JUAA Trust) by giving the momentos.

Jadavpur Alumni Association Trust organized 'Jadavpur University Alumni Association (Mumbai Branch) for TE girl students in which an annual scholarship of Rs. 20,000/- for a Third Year Topper (Girl) is awarded. Also 'Late Tarun Kumar Basu scholarship for the 2nd-year topper of Vivekanand Education Society's Institute of Technology grants an annual scholarship of Rs. 20,000/- for a second-year topper from the Technology Faculty of VESIT. One of the recipients of the JUAA Scholarship, Muskan Chhabria (TE, CMPN) delivered the vote of thanks speech on behalf of the organizing committee.

VESIT supports students by providing Vivekanand Jyoti Scholarship and Students Aid Scholarship. 'Vivekanand Jyoti Scholarship' is awarded to one deserving student from each department which includes an amount of Rs. 20,000/-. Then the 'Students Aid Scholarship' is given to 25-30 students across all departments which includes a scholarship of Rs. 15,000.

In this event, 30 students were awarded the Students Aid Scholarship and 7 students were granted with Vivekanand Jyoti Scholarship. JUAA Trust provided scholarships to meritorious students. The program concluded with a vote of thanks by **Mrs. Vaishali Gatty** (Assistant Professor, Department of Master of Computer Applications).



Cdr. S. Jana addressing the students



Students receiving VESIT Scholarship

EXTRA-CURRICULARS

Prabho Shivaji Raja!

~Meghna John

Maharashtra has a rich history of powerful rulers, including the renowned **Chhatrapati Shivaji Maharaj**. Despite facing numerous invasions and conflicts, Shivaji Maharaj emerged as a great leader, establishing a robust empire based on his strong principles and morals. On February 9th, 2023, the **Vesit Students' Club** organized a **Musical Drama 'Prabho Shivaji Raja'** showcasing the life of Chhatrapati Shivaji Maharaj, in collaboration with **VESIT EBSB**, **VESIT Natak Mandali**, **VESIT Music Council**, and **VESIT PhotoCircle**.

The event took place at the college auditorium at 10:30 am, with VESIT PhotoCircle capturing the musical drama. The event commenced with a speech from **Dr. Geeta Ajit** (Assistant Professor, Department of Humanities and Applied

Sciences) and **Dr. Prashant Kannade** (Assistant Professor, Department of Computer Engineering) and concluded with a vote of thanks.



Participants of the 'Prabho Shivaji Raja' musical drama

The vote of thanks expressed gratitude to all those who contributed to the successful execution of the event. The lighting, background setting, and props needed for the drama were well-managed, and the life of Chhatrapati Shivaji Maharaj was skillfully executed, with attention to detail and accuracy.

After the program, Principal, **Dr. J. M. Nair** expressed appreciation for all the participants. The program was broadcasted on the Aapla Maharashtra channel of **DD Sahyadri** on the day of Shivaji Jayanti. The event received high praise from students who attended it, as they appreciated the efforts put into the production of the musical drama. In conclusion, the portrayal of Shivaji Maharaj's life was captivating and engaging, leaving a lasting impression on the audience.

Bliss 2023

~Shreya Nalawade

Bliss was a one day event conducted by the **Music Council** on 25th January 2023. It was a talent showcase event where First Year students were introduced to the musical talents in VESIT. The event showed musical travel from the 60s to contemporary music be it through solo, band or instrumental performances.

It consisted of solo and band performances from students of second, third and fourth year. The event was hosted by **Gaurav Ambartani** (TE-CMPN), **Vinit Patil** (TE-CMPN), **Yash Bhise** (BE-EXTC) & **Aarushi Sharma** (BE-INFT). The event

commenced at 3 pm and was continued with some amazing performances by the students.

Registrations were made open for students through Google forms. A total of 12 entries were shortlisted from the total registrations. The entries included both solo and band performances. The performers truly made the audience experience the essence of every era through their soulful performances.

Audience interaction was maintained throughout the event. It included some special performances. Guest performances from artists

-(Eklavya and Crew Unknown) were arranged which gave the viewers a delightful experience.



Band Performance by students

Reminiscing our Matrubhasha

~ Anish Padhye

On the 21st of February, Tuesday, the **Cultural Council** along with the **Music Council** of **VESIT** organized the **Matrubhasha Divas** celebration to commemorate our mother tongue and pay our respect to it. The event started at 2 pm in our college's auditorium in front of an excited audience. Our honorable **Dr. J. M. Nair** (Principal, VESIT) along with HODs of different branches and faculties graced this wonderful occasion.

The hosts for the day **Gaurav Govilkar** (BE-INST) and **Soham Tawade** (SE-CMPN) started the event by welcoming students and dignitaries followed by the first performance in which a student recited a poem on the importance of teachers (Gurus) in Sanskrit. The highlight of the event was the various dance performances and poems recited in their mother tongue by many students and also later explained their meaning in English. The faculties too joined in to sing songs and poems to celebrate our very own 'Matrubhasha'. The performances varied in different languages of India including Sindhi, Gujarati, Tamil, Telugu, etc.



Hosts of the event (L-R): Soham Tawade (SE-CMPN) and Gaurav Govilkar (BE-INST)



Rangoli at entrance of VESIT on the occasion Matrubhasha Divas

Then our hosts also played a fun game to make the event more interesting. Three statements were given to a student in English and was asked to translate any one of them into their native language. The audience was asked which statement did he or she translate. This added more color and enjoyment to the already fun-filled day.

Lastly, the theme of the event which was to celebrate different languages spoken all over India was portrayed beautifully by all the performers. The event was well represented and 'marketed' by a colorful rangoli made at the reception depicting the huge number of languages or 'Matrubhashas' spoken all over India.



Students reciting poems and performing dances

Amazingly Exciting Fusion, With ILLUSION'23

~ Nikita, Suhanee, Preeti, Gargi

ILLUSION' 23 the flagship event of **Cultural Council**, started in last week of November where the forms for leaders selection were out amongst all the BE's which was followed by the interview round for the selected candidates, where these interviews were taken by **Mr. Vivek Umrikar** (Head, Department of Humanities and Applied Sciences) and **Mr. Abhishek Chaudhary** then a Q&A session was held to declare all the leaders and know them well, where principal ma'am and umrikar sir blessed us with their presence. In this session itself the leaders were also allotted there team names and team colors as well.

After the leaders selection, the forms for Main Captains (MC's) were out for TE's and BE's only which was further followed by MC Auctions and all the team leaders participated in the auction and selected their MC's for the respective seven portfolios.

Once MC Auctions were done, participant forms were also out for the whole college and it was followed by auditions for all the seven portfolios which were judged by the selected MC's of those portfolios and all the candidates to become participants were marked accordingly and thus shortlisted for the auctions.

Participant auctions took place after the BE exams in December and in this auction all the teams

took part in the auction and completed their teams of 56(with dual player)/57(without dual player) members each for all the respective portfolios.

After the participant auctions teams got their time to prepare for the events accordingly.

The event officially started on 9th January 2023 where we had fall posters of our event revealed by Principal ma'am and words of encouragement given by Nandini Ma'am and Umrikar Sir, which was followed by revealing of fall posters of all the 6 teams which are: Laureates, Invaders, Prevailers,



Drama Competition

Imperials, Conquerors, and Intruders.

On the same day, i.e 9th January we also started with our pre-events of various portfolios at different locations in college namely Amphitheater, Auditorium and Hashu Advani Ground.

Similarly on 10th, 11th and 12th of January we had various events going on for all the

7 portfolios at these same locations mentioned earlier simultaneously so as to cover a large amount of events and give those fair chances of winning to everyone.

On 13th and 14th we had our main days of **ILLUSION'23** that is stage events conducted in Amphitheater, which were Music band performances and drama performances which took place from 8:30am on 13th January and Dance Performances as well as the prize distribution i.e announcement of winners for the event which was conducted on 14th of January 2023 which also marked the end of our event **ILLUSION'23** with team **Laureates**, lead by **Kaushal Jagasia** (BE-CMPN) emerged as the winners.



Participants from different groups displaying their artistic talent during aesthetics challenge

Raising Morales, Raising Umeed

~ Bhumisha Parchani

Hope is being able to see that there is light despite all of the darkness.

The **Social Responsibility Team (SoRT)** of **VESIT** organized an event named **Umeed** from 6th March 2023 to 10th March 2023. The aim of the event was to support different NGOs by giving them an opportunity to stabilize their financial constraints.

The Umeed stalls of brownies, chocolates, handicrafts, accessories etc were set up at the

ground floor, amphitheater, and 5th floor and there also were moving stalls in the auditorium and amphitheater.

SoRT took up the responsibility to sell these items on their own during this event in order to make sure all of the items are being purchased.

There were a whopping amount of participants rounding up to almost 370 and a few participants from the faculty as well.



NGOs participating in Umeed'23 (L-R): Naseoh, Aseema, Bal Anand, Kshitij, RUR

VESLit Week 2023

VESLit since its inception has been active in developing and nurturing the social and communication skills of students at VESIT. The 7th edition of VESLit Circle's flagship event, **VESLit Week**, was held from 6th March to 10th March 2022! This year saw the maximum participation ever in all the events making the VESLit week a success.

Policy Pandemonium, a policy drafting competition was organized by the VESLit Circle as a part of VESLit Week. The main aim of the competition was to make students aware about the problems prevalent in the society and to use their creativity to solve the problems.

Winners of Panel 1 were:

1st place- Tamil Nadu (**Sujal Sahu** and **Parth Wanjare**- FE-AIDS)

2nd place- Bihar (**Samruddhi Diwane** and **Meghna John**- FE-EXTC)

Special mention- Delhi (**Hariom Dhage**-FE-EXTC)

Winners of Panel 2 were:

1st place: Delhi (**Sejal Datir** and team)

2nd place: West Bengal (**Vedant Patil** and team)

Special Mention: Sikkim (**Vedika Chavan** and Team)

The **Murder at Misty Isles** was a thrilling event organized by the VESLit Circle in the VESLit Week 2022-23. The main aim was to bring out

creative writing and also to create a sense of team spirit among the students along with knowing each other in the process.. The plot for the story was given to them in the form of a ballad. It had an open ending so that students could develop the story.

The **winners** of the event were-

Prithvi Kumar (BE-CMPN) and Anurag Saraswat (BE-CMPN), Ikjot Khurana (BE-CMPN) and Himanshu Behra (BE-CMPN), Shreya Sakpal (FE-ECS) and Sakshi Raorane (FE-ECS)

Second edition of **Vivaad**, VESLit's Flagship Debate Event was conducted under VESLit week from 6th to 10th March. There were 4 rounds wherein each round there were teams which got eliminated resulting in only two teams making it to the finals. While there were 34 teams at the beginning, only 16 teams qualified for the next round, 8 for the 2nd round and from that only 4 teams qualified for next and 2 for the finals. As the events progressed, the complexity of topics also increased.

Winners:

1st place: Aakarsh Sinha (FE-AU&RO) and Drushti Nagarkar (FE-AU&RO)

2nd place: Anish Padhye (FE-EXTC) and Akshata Agarwal (FE-EXTC)

Buzz It, a Quiz competition was organized to make students aware of the general happenings in the society around them and also about sports and

entertainment. A total of 24 teams of 3 registered for this event.

Winners:

1st place- Raghuttam Parvatikar (BE-INFT), Shashmita Nair (BE-INFT) and Gayayri Sahane

2nd place- Abhishek Pattanayak (SE-AIDS), Srirag Nair, and Soham Shetye (SE-INFT).

3rd place- Krishang Ukey (SE-EXTC), Vedika Chavan (SE-EXTC), and Jhanvi Bhat (SE-EXTC).

On 9th March, the VESIT Students' Club in association with VESLit Circle and IQAC organized a poster-making competition named **Kalakaari** at VESIT.

The theme of the competition was Ethics, Code of Conduct, and Zero Tolerance.

Winners:

1st place: Shreya Kate (BE-EXTC)

2nd place: Srimathi Srinivasan (FE-CMPN)

3rd place: Suleman Mathekar (TE-INFT)



Kaushal Jagasia (VESLit Head) giving vote of thanks

Marathi Bhasha- Our Heritage, Our Responsibility

~ Sujal Sahu

Marathi Rajbhasha Din was celebrated in VESIT on 27th February 2023. The birth anniversary of great composer Vishnu Vaman Shirwadkar alias Kusumagraj is celebrated as Marathi Rajbhasha Din.

Ganesh Vandana was presented by **Mrs. Yugchhaya Dhote** (Assistant Professor, Department of Computer Engineering). Various Cultural events were performed under the program 'Mridagandha Marathicha' by Teaching, Non-Teaching Staff, and students from Cultural Council, Music Council,

and VESIT Natak Mandali expressed the rich Marathi Culture through various art forms. The major attraction was Laghu Natika (Short Drama) written by **Gaurav Govilkar** (BE-INST).

Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering) shared his thoughts as a Marathi Bhasha Adhikari. He mentioned some foreigners who got the motivation to learn Marathi and translated Marathi books into German, French, and Russian languages. He asked the audience to Read Marathi books.

This program was witnessed by **Dr. J.M. Nair** (Principal, VESIT) and she appreciated the efforts taken by all Students and staff who presented their skills on this auspicious day. The whole Program was hosted by **Mr. Gaurav Tawde** (Assistant Professor, Department of Electronics and Telecommunication Engineering), **Gaurang Desai** (TE-INFT), and **Vedika Chavan** (SE-EXTC). A vote of thanks was expressed by Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering).

Rejuvenating Our Mother Tongues

~ Bhumisha Parchani

Vivekanand Education Society's Institute of Technology (VESIT) Mumbai celebrated **International Mother Tongue Day** in its own way by organizing an event on 21st February 2023.

As time passes, we see people avoiding the use of their mother tongue considering it outdated or embarrassing. Seeing this problem the VESIT Library decided to organize a multilingual book exhibition.

The **VESIT Library** has vast collections of

books in various languages. Books in different languages were displayed in the library between 10 am to 5 pm. The books were in regional languages like Hindi, Sindhi, Marathi, English, Tamil, and Punjabi. Something present for every reader out there!

The library was open to all alike - staff and students. Our library believes in adding to its collection always and gathered feedback from the attendees to enrich the collection of the library.



Staff and students visiting the book display in VESIT library

A Super Hero In All Of Us... A Stem Cell!

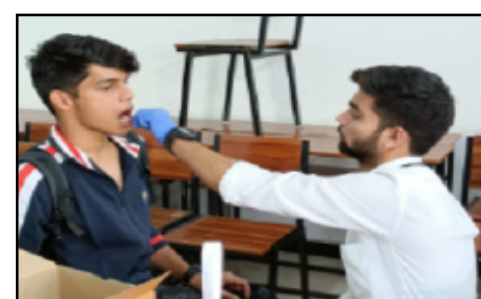
~ Preeti Khamkar

Stem cells, that is, undifferentiated cells in our body can be used in kidney and liver transplants. They are used to develop skin tissue to repair severe burns or similar injuries. In other words, the donation of stem cells can help a terminally ill person find a new lease on life.

SoRT-VESIT arranged a '**Stem Cell Donor Registration Drive**' on 19th January 2023 in association with Marrow Donor Registry India (MDRI). Students and faculties came for

registration in Room No. 004 from 10.00 am to 4.00 pm.

The saliva samples of the interested potential donors were taken. They also filled out a consent form with a pledge to donate their stem cells in the near future in case of a DNA match. Finding a matching marrow isn't an easy task but the SoRT council along with MDRI managed to collect 411 samples and helped save a lot of lives.



Students giving saliva samples

The First and Most Memorable Event for the FEs

~Sneha Tanna, Prachit Paralikar, Sai Thikekar

Prarambh'22 started on 26th December 2022, right after the IA 1 of FEs. Prarambh was conducted late this year as the admission process got delayed and FEs joined our college during the mid november-december.

Prarambh is an event which is designed specifically and solely for freshers only wherein all the 12 classes competed against each other to win the title of the best class. Prarambh'22 consisted of few pre-events and few main day events. Main Day of Prarambh'22 was held on 12th January 2023. The main highlights of these days were Mr. Ms Freshers, Group Dance and Artist Assemble.



FEs expressing their musical talent

Prarambh started with the round 1 of meme challenge where all the classes were supposed to submit 3 memes to the council and after pairing those were put up for polls on @cult.vesit's instagram handle. Winners of 1st round had to recreate a meme for the 2nd round and for the final round classes had to submit a video meme which were posted on @cult.vesit's instagram page

and the video with the highest reach was declared as the winner. The winners of Meme challenge were class D4A (EXTC), D4B (EXTC), and D5B (INFT).

To add on to this, we even had Spoof-it wherein classes made spoofs of various TV shows, sitcoms and movies. Similar to this was our music video, all the participants enacted on a song and made their own music video. Coming to the last online submission event Pose-ter making, classes were told to recreate a poster of any movie, series, etc on their own using their classmates as the actors and using editing for the rest of the part.



FEs presenting their inner dancer

Group Dance auditions were taken up first and team size required was 6-12 members and time limit of 1.5-3 mins.

Treasure Hunt was most anticipated which was conducted within the college premises from 8:30 am to 10 am. The theme was murder mystery. Debate was organized which had 2 rounds, round 1 being oxford style and round 2 being the balloon style. It was held from 8:30 am to 10:30 am.

The main day of prarambh'22 started with

lighting of the lamp by Vivek Umrikar sir and other faculties along with Ganesh Vandana sung by Payoshni Khekale (SE-INFT).

The hosts for group dance were Yash Raje (BE-INFT) and Raghuttam Parvatikar (BE-INFT). D1EC (ECS) was the winner amongst all the classes in Group dance.

Artist assemble final round was started and all participants came up with numerous talents like dancing, singing, rapping, tabla, kathak fusion etc. **Aaryaa Pandit** (FE-EXTC) was declared as the winner of Artist Assemble.



Awarding of Trophy to the Best Class

Ameya Kalgutkar from D1AD-A (AI&DS) was declared as the Mr. Fresher and **Sharvari More** from D5B (INFT) was declared as the Ms. Fresher for the year 2022. Adding all of these points, the class with highest points was D4A (EXTC), who won the Best class award followed by D4B (EXTC) who were the runner ups for the best class award.

Prarambh'22 marked its end by thanking all the participants and supporting members and faculties along with a DJ played for students.

Debating For Science!

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928. To commemorate this day, IIC in association with **VESLit Circle** called forth a first-years-only exclusive event - '**The Science Day Debate**'. The format was Oxford style with 2 minutes of introduction, 6 minutes of rebuttal, and 2 minutes of conclusion for all the preliminary rounds.

These debates were conducted over a period of three days. The first round of eliminations was conducted on the 1st and 2nd of February 2023. For the first round 18 teams competed against each other out of which 8 qualified for the next round. Qualification rounds were judged by senior VESLit members

All the preliminary rounds were judged by VESLit members - VESLit Student Head **Kaushal Jagasia** (BE-CMPN), Senior Member **Ananya Pandey** (TE-CMPN), and Senior Member **Noel Dason** (TE-INFT). Moderation for all the rounds

was done by junior VESLit members - **Kartikey Shukla** (SE-AI&DS), **Prachit Paralikar** (SE-INFT), and **Attreyee Mukherjee** (SE-CMPN).

Dr. Maya Bhat (Assistant Professor, Humanities and Applied Sciences) and **Mrs. Ramya T.** (Assistant Professor, Humanities and Applied Sciences) were invited to be the judges for the final round. The final lived up to its expectations as the two teams contested in a heated yet intellectual debate.



Various teams participating in the debate

Winners - **Aakarsh Sinha** and **Drushti Nagarkar** (FE-AU&RO)

Runners Up - **Dhvani Ghodeswar** and **Dnyanesh Avhad** (FE-EXTC)

Best Speaker - **Aditya Rege** (FE-AU&RO))



The top 4 teams along with the judges for the final round

Musical Notes

Octaves was organized on the 8th and 9th of March in Vivekanand education society's Institute of Technology, Mumbai, by the college's **Music Council**. There were three competitions conducted by the Council, first one was Voice of VESIT which was held on the 8th and 9th of March, Instrumental Faceoff and Battle of Bands were organized on the second day. Many

people showed up for this event in large numbers, they enjoyed the event, and the SoRT Council council of the College was also offered to set up their stalls for Umeed.

This event gave a chance of learning and interacting with each other to all the participants and those who organized it. The audience was blessed to hear the amazing voices and melodious

sounds of instruments that were played by the participants of the college.

Voice of VESIT was hosted by **Anvita Koyande** (TE-INST). This event was judged by **Mr. Shrikant Krishna** trained classical singer. Nine students were selected for the competition through the auditions. Three rounds of competition were conducted in the Voice of VESIT, the first being

~ Riya Varyani

Solo Singing, the second being Fusion, and third-Genre Challenge Round. Everyone sang beautifully but some were able to touch the soul of our judge through their singing and won the competition. The winners are **Arunim Chakraborty** (TE-AIDS), **Sudipa Majumdar** (BE-EXTC) , and **Austin Mathew** (BE-EXTC) secured first, second and third positions respectively.



Winners of Voice of VESIT (L-R): Sudipa Majumdar (BE-EXTC), Arunim Chakraborty (TE-AIDS), and Austin Mathew (BE-EXTC)

Rap is a foreign genre but nowadays it is becoming very popular in India and that's why a rap battle was organized. Participants showcased

their amazing rapping skills. The winner for the same was Amaan Choudhary.

The instrumental faceoff was hosted by **Yash Raje** (BE-INFT) and **Raghuttam Parvatikar** (BE-INFT) on the second day of Octaves This event was judged by **Mr. Praneel Rastogi** (alumni). Instrumental faceoff had two rounds, the first being solo instrumental and second was Jugalbandi. The winners of the event were **Abhishek Mokal** (TE-EXTC), **Yash Chaproo** (SE-CMPN), and **Shlok Yadav** (FE-AIDS) secured first, second and third positions respectively.



Winners of Instrumental faceoff (L-R): Abhishek Mokal (TE-EXTC), Yash Chaproo (SE-CMPN), and Shlok Yadav (FE-AIDS)

Battle of bands was held on the second day of octaves and it was hosted by **Yash Raje** (BE-INFT) and **Raghuttam Parvatikar** (BE-INFT). The judges for the same were **Mr. Neeraj Patil** (alumni), **Ms. Sanika Indulkar** (alumni) and **Ms. Vaishnavi Iyer** (alumni). The bands were very passionate about music and the audience was able to see their passion through their work. Team Untitled, Lucid Dreams, The Circle secured first, second and third positions respectively.



Winner of Battle of Bands - Team Untitled

Drops Of Hope

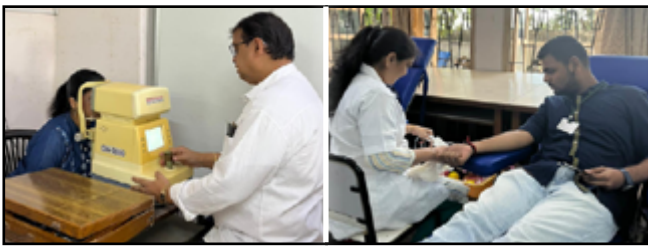
A single drop of blood can make a huge difference. Keeping this quote in mind, a **blood donation drive** was held on 22 March 2023 by the **Social Responsibility Team (SoRT)** in association with **JJ Blood Bank** at the Drawing hall, VESIT. Along with a Free Thalassemia Test, a Free Eye Check-up was also conducted for everyone, including the non-donors too. Students and faculties of all departments came together to support this noble initiative.

The drive was thoroughly planned out with

all necessary precautions taken. **Mrs. Manisha Joshi** (Assistant Professor, Department of Electronics and Telecommunication) and **Dr. Manisha Tiwari** (Assistant Professor, Department of Humanities and Applied Sciences) were the faculty in-charges of this drive.

The donors had a chance to test their blood for hemoglobin and if they qualified for the minimum required weight along with the hemoglobin limit, then they were directed to donate blood. With everyone's willing participation

and cooperation, all the active participants helped save hundreds of precious lives.



(L-R): Free eye check-up, blood donation

~ Joanna Sanju

Renewing our Beautiful Shores

On the 25th of February, Saturday the students and faculties of VESIT were called upon to do the noble work of cleaning a beach with **SoRT VESIT**. The **cleanup drive** started at 8.30 am sharp at our very own Dadar Chowpatty which is getting polluted day by day. All the SoRT Council members, faculties, and also first-year students started the drive in earnest and lent their hand in cleaning the beach as much as they can.

The students under the guidance of our faculties **Mrs. Pooja Kundu** (Assistant Professor, Humanities and Applied Science Department), **Mrs. Manisha Tiwary** (Assistant Professor, Humanities and Applied Science Department), and **Mr. Ajinkya Valanjoo** began the cleanup.



Beach cleaning drive in motion

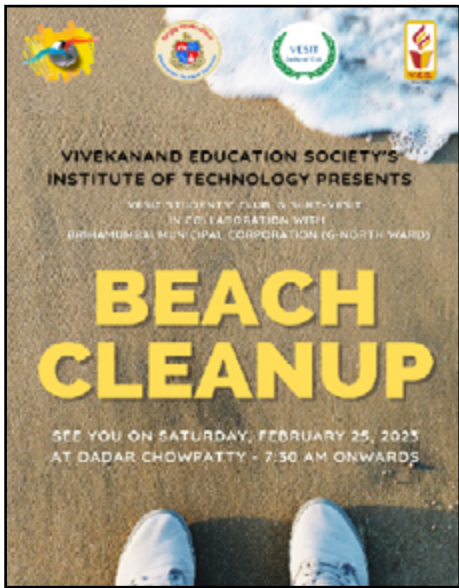
They all were given proper equipment like rakes, tubs, and hand gloves to properly collect and manage the waste that had accumulated over such a long time. Students of all four years were present and everybody got to know the importance of cleaning up the beaches. The experience was noteworthy and students, and faculties both also enjoyed it along with getting some valuable lessons.



(L-R): Mrs. Pooja Kundu (Assistant Professor, Humanities and Applied Science Department), Mrs. Manisha Tiwary (Assistant Professor, Humanities and Applied Science Department), and Mr. Ajinkya Valanjoo (Assistant Professor, Department of Artificial Intelligence and Data Science) began the cleanup.

~ Anish Padhye

The fruitful outcome of this drive was students and faculties of VESIT came in large numbers. The total student participation was 60 who were properly led by the 3 faculties.



Poster of the beach cleanup

The Infinity Saga For Real!

CSI-VESIT conducted a fun event '**The Infinity Saga**' on the 6th and 7th of February from 3 pm onwards at the Amphitheatre. The event was open for the members of CSI and it was themed after the most popular and everyone's favorite Marvel franchise.

The main attraction of the event was a series of games and activities based on the various Marvel characters, such as Iron Man, Captain America, Thor, and many others. Attendees were asked to form a team of two and compete against each other in various challenges and competitions. The games

were designed to be fun and engaging, and they were a hit with the attendees.

On day one, three rounds were played by all the teams, first round was HeadsUp with both Marvel and non-marvel themes and the other exciting game played was Twister. Six teams were

~ Srushti Chopade

shortlisted for the final day of the event.

The power of Stones found on day 1 was used on the final day. After having a tough competition in the final war, the winners of the event were **Prerak Molchandani** (BE-CMPN) and **Ravi Valecha** (SE-CMPN), the first runner-up was **Aayush Shribatho** (TE-CMPN), and **Aayushi Salunkhe** (TE-CMPN) and the second runner-up was **Akash Fatnani** (SE-CMPN) and **Mohit Patil** (SE-CMPN).

The event "The Infinity Saga" overall, turned out to be a huge success. The games and activities were well-received by the attendees, and the event

was thoroughly enjoyed by all who attended. The Council did an excellent job of creating such a blithesome and memorable experience for members of CSI.



The event 'Infinity Saga'



Participants listening the instructions

A Picture to A Photograph

VESIT Photo Circle conducted a one-day **workshop** for all students on 21st March 2023 from 3:00 to 5:00 pm. This workshop was conducted in the auditorium of our institution. Total 48 number of students attended the workshop. The purpose of the workshop was to provide participants with the necessary knowledge to begin with the manual mode, various types of photography, post processing of photographs, and the approach required to capture unique shots.



Poster of the workshop

The session started with an introduction by **Tejas Mahajan** (BE-CMPN), the VPC Student Head, who explain the basic of a DSLR camera, including how to handle it and how it works. He ban procedure to discuss the options available in manual mode, such ISO, Shutter Speed, Panning and aperture with several examples to make it easier for participants to understand.

Abhishek Thorat () a senior photographer at VPC explained the importance of all three aspects of the of the exposure triangle for taking good creative pictures. **Tejas Lagwankar** (EXTC) another senior photographer delved into HDR and White Balance, while senior photographers like **Kedar Ghawankar** (INFT), **Pushkaraj Chaudhary** (INFT), and **Prajwal Patil** (INFT) deep dives into the topics of composition and framing. They discussed the Rule of Thirds Symmetry, Leading Lines and repeating patterns, Lights and Shadows and Shapes, Golden Ratio, Reflections, and Creating a story using photographs.



VESIT Photo Circle Team after successfully conducting the workshop

Finally **Prasad Jawale** (AI&DS) demonstrated how to post - process photos using Adobe lightroom and cleared all attendees doubts at the end of the session. The competent and knowledgeable members of VPC ensured that the participants learn and answer and understood the ideology behind expressing stories through pictures.

VESIT Annual Day

VESIT celebrated its **Annual Day** on 17th March 2023 with lots of vigor and excitement. **Shri Suresh Malkani ji** (President VES), **Dr. (Shri) Prakash Lulla ji** (Treasurer), **Shri B. L. Boolani ji** (Member VES, Managing Trustee VESIT), **Shri Vijay Talreja ji** (Member VES), **Bharat Ajwani ji** (Associate Member VES), graced this occasion with their presence alongside **Dr. J M Nair** (Principal), **Dr. M Vijayalakshmi** (Vice Principal) and Members from Scholarship team and HOD, DHOD, and other faculties of VESIT.

The event started with the traditional Ganesh Vandana which filled the atmosphere with a spiritual and optimistic ambience. Our very own VESIT Natak Mandali performed a musical drama on the life of the great Chhatrapati Shivaji Maharaj, starting from the birth of this fearless and chivalry Maratha warrior until his coronation. The drama was well-acted and directed, leaving the audience spellbound.

The Institute's annual report, which showcased the Institute's achievements, milestones, and progress made in academics and research was presented by Principal, Dr. J M Nair. The Trustees then addressed the audience, emphasizing their commitment to promoting quality education and innovative learning practices.

The chief guest for the event was **Mr. Abhishek Srivastava**, who is a 2004 Alumni

Electronics Engineering, VESIT, Co-Founder and Managing Director – Teknobuilt, Based in Houston, USA & London, UK. The Chief Guest spoke about the importance of education and its role in shaping the nation's future.

The Annual Magazine '**Vishwakarma**' was released during the event, by **Mr. A. Nagananda**, **Mrs. Geeta Ajit**, and her editorial team which highlighted the Institute's activities, academic achievements, and research publications.

The Prize distribution ceremony followed, where the students who excelled in academics and extracurricular activities were awarded for their achievements. The awards were presented by the Chief Guests and Trustees.

The winners of the competition '**Looking Beyond Syllabus 2022-23**' were awarded at the annual ceremony. The winners and runners-up of the same are listed as follows -

In the software category winners of -

GistMakers: Nihar Kenny, Ajay Nair, Shubham Zope, J N Guru Akash, Ameya Padwad, Trupti Sonawane

AI warriors (1st runner-up): Tejas Patne, Priyanshu Singh, Rohan Singh, Deepak Prasad, Dhara Panchal, Kshitij Nag

Team Blue (2nd runner-up): Prasad Jawale, Shreyansh Singh, Shubham Kumar, Shreyas Satre, Arnav Singhal, Riddhi Solanke

In the hardware category winners of-

Atomic Crew (1st runner-up): Shantanu Deshmukh, Shreyas Sarang, Udit Koli, Arya Hirlekar, Gargi Khachane, Manvi Gour

The Delusionals (2nd runner-up): Kaustubh Pawar, Atharva Bhaindarkar, Milind Sawant, Aaman Bhowmick, Aditya Bagatyatka, Dhanashree Pandey

The winners and runners-up of the College's Annual Sports Event '**Sphurti**' listed below were also awarded.

Senior sphurti winner - AIDS

Senior sphurti runner up - BE-EXTC

Junior Sphurti winner - FE-AIDS

Junior Sphurti Runner up - FE-ECS

Utsav Winners were awarded too.

Best class senior category

(1st) D17C, CMPN and

(2nd) D17AB, CMPN

Best class junior category

(1st) D7, CMPN and

(2nd) D1EC, ECS

The General Secretary of the Institute delivered a speech, expressing his gratitude towards the management, staff, and students for their contribution to the Institute's success. In conclusion, the Annual Day celebration was a grand success, where the Institute's achievements were showcased, and the students were encouraged to strive for excellence in academics and extracurricular activities.

-Ishtwari S. Dehadray

-Joanna Sanju

VESIT DIARIES

Introducing our alumni, **Sagar Sudhakar Gosavi**, from the **Department of Telecommunications** in 2003, who bravely gave up his job in the system and network domain, representing IT companies like IBM and Cisco Systems. Why, you ask? He became the brand ambassador at Canon India and went on to become the founder and director of SGP Photo Tours & Expeditions. He resides in Thane with his wife, Shruti Gosavi, and son, Siddhant.

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

College life at VESIT was such a memorable time of my life that I still miss it. I not only gained academic subject knowledge but also life lessons from the friends and teachers around me.

It almost prepared me for what was ahead. The most memorable moment was the last day of my final year spent at the college campus with my best friends Ritesh, Somnath, and others.

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

I was involved in solo dance and group dance during the annual day. I was part of the anti-ragging squad and a committee member for the technical society. Such activities are necessary in one's academic life as they make sure that there is a correct balance between 'from the book' and 'off the book' learning through experiences, and they also make the mind light and fresh as it is already under loads of academic stress.

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

When working on a project in Amazon, you are an owner. The work involves requirement gathering, design, coding, testing, deployment, and maintenance. At the same time, you are strongly encouraged to come up with new ideas and take more initiative. A major part of the role, that was unexpected for me, is document writing. Documents are preferred over PPTs and extensive documentation is needed.

MAN WITH A MISSION

Our Distinguished Alumni Mr. Sagar Sudhakar Gosavi



Why Sagar Gosavi ?

Sagar is from the **Department of Telecommunications** in 2003, who bravely gave up his job in the system and network domain, representing IT companies like IBM and Cisco Systems. Why, you ask? He became the brand ambassador at Canon India and went on to become the founder and director of SGP Photo Tours & Expeditions.

4. What technical skills and soft skills should a budding engineer work towards to best prepare for placement interviews? How does one stay on top of new technology?

Develop your core skills such as Data Structures and Algorithms and Operating Systems. Once you know the theory, spend time solving problems on a coding platform of your choice.

Read blogs to know about upcoming technologies. If something interests you, try and do a small project. This will make sure your knowledge is not only theoretical but functional.

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

I look up to Sudha Murthy. Her simple and modest approach to life and her unwavering commitment to giving back to society truly inspires me.

Planning is one rule I try to incorporate as much as possible. Working backwards from your goal and making small, daily targets helps to manage anxiety and builds your confidence.

6. Tell us about a book you read/movie you watched that inspired you the most and why?

I loved the movie, *The Terminal*. It is a story about human perseverance, hope, and the ability to adapt to new situations. The protagonist does not let his circumstances define him but tries to make

the best out of his situation. It also conveys the message that the true measure of a person is not where they come from, or what they own, but how they choose to live their life.

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

I love to read. Currently re-reading the Harry Potter series. Having a desk job means a severe lack of activity. I do yoga to combat lethargy.

8. What was your proudest personal or professional moment?

Launching my first project to production was definitely a memorable achievement. It was a rollercoaster ride from development to production, but in the end, all the effort paid off.





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Mrs. Priya R. L.

(Faculty Design Head)

Tanya Dubey

(Student Chief Editor)

Palak Garg

(Student Design Head)

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(Deputy Student Chief Editor)

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Shivpratik Hande

Shraeyaa Dhaigude

Srushti Chopade

Sujal Sahu

Vinayak Panchal

Vinit Solanki

Brijesh Sharma

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



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