

VESIT

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JULY-SEPTEMBER  
2023



“Autonomy promotes 6Cs: fostering creative thinking, critical thinking, effective communication, collaboration, confidence, and compassion.”

# EMBRACING AUTONOMY WITH NEP 2020

ISSUE 90



# EMBRACING AUTONOMY, WITH NEP 2020

The commencement of a new academic year 2023-24, proved to be a significant milestone in the history of VESIT. A new feather was added to VESIT's cap as the UGC bestowed autonomy status upon it, truly showcasing its efforts towards academic excellence. With a commitment to improving education standards, VESIT took a step higher by aligning the syllabus with the New Education Policy 2020. These remarkable two events truly mark the beginning of a new era, leading us to select the theme 'Embracing Autonomy, with NEP 2020' for this issue of the VESITConnect.

The attainment of autonomy status by VESIT has empowered it to design and customize its courses, fostering flexibility and relevance. This academic freedom has enabled it to tailor educational offerings, ensuring alignment with industry and societal needs. Autonomy is anticipated to elevate educational quality, encouraging research and innovation. Administrative independence has allowed for the evolution of assessment methods and the incorporation of educational technology. Additionally, autonomy is expected to enhance community engagement by addressing local needs, contributing to regional development.

Aligned with this progress, the National Education Policy (NEP) 2020 introduces a groundbreaking framework for a four-year multidisciplinary engineering curriculum. Notable features of NEP 2020 include the flexibility to switch disciplines, choose courses of interest, multiple entry and exit options, mandatory internship/on-the-job training, provision for vocational and skill enhancement courses, and interdisciplinary learning. VESIT's adaptation of this framework reflects a commitment to continuous learning, innovation, and holistic student development, positioning the institution at the forefront of educational excellence in preparing graduates for the dynamic engineering industry.

In closing, let us embrace this transformative journey at VESIT with anticipation and enthusiasm. As the Deputy Student Chief Editor overseeing the inaugural issue, I extend my gratitude to my dedicated VESITConnect Team who have made this edition possible. May 'Embracing Autonomy, with NEP 2020,' serve as an inspiring catalyst, nurturing a culture of perpetual learning, ingenuity, and the all-encompassing growth of our student community.



**Prachit Paralikar**  
Deputy Student Chief Editor

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# EDITORIAL

**A**s we begin a new academic year, it gives utmost joy to me and my team to present you with a fresh look at our publications - the first quarterly VESITConnect newsletter of the A.Y 2023-2024. Our publications will delve into newly organized sections and a wide variety of articles that will give you a broader look over different themes. The beginning of this year marks the beginning of numerous new emerging pathways towards VESIT's success.

The institute is immensely proud to announce its autonomous status which is granted by the University Grants Commission (UGC), effective from June 2023. This marks a significant achievement in the institution's remarkable history. Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics Engineering), who was the coordinator for Autonomous Status expressed his delight at the news. Dr. Nilima Warke (Associate Professor of automation and Robotics) along with her student team won the first prize and bagged a cash prize of Rs. 20,000 in India Automation Challenge '23. The Department of Information Technology of VESIT partnered with the Brihanmumbai Municipal Corporation to launch Project Swechchha. The project's financial support is by Star Union Dai-ichi Life Insurance Co. Limited. A harmonious ensemble, comprising 10 members, bagged the first place, showcasing a band performance in Vivekanand High School's Vivekini Competition. Two students from VESIT secured runner-up position along with a cash prize in a competition of Arthanomics - Business and Economics Festival by Jai Hind College.

The Department of Information Technology in association with the VESIT-IIC and VESIT-IQAC organized the program, 'Ideation to Innovation: The Prototype Expedition' from 21st to 23rd August 2023. VESIT HACKS event was conducted by VESIT E-Cell in association with VESIT Renaissance Cell (VRC). CSI-VESIT organized Webathon 2.0 that took place on 12 September 2023 in the amphitheater. The Department of Automation and Robotics along with VESIT-IIC and VESIT-IQAC held its workshop on 'Intellectual Property Rights (IPR's) and IP Management for Startups' on 20th July 2023. ISA-VESIT conducted a workshop on 'PCB Designing' on 19th August 2023 that aimed to help participants to know about the fundamentals of electronics. On 19th August 2023, the Department of Electronics and Telecommunication in association with VESIT-IIC and VESIT-IQAC had organized an online webinar on 'Innovations in Networks using NetSim'. They

also organized a workshop on 'Latex typesetting technical documents' for the students on 1st and 8th August 2023. 'Let's Play with Data Structure Principles' was held on 29 August 2023 in the auditorium and was organized by the Department of Information Technology, under the guidance of the VESIT-IQAC in association with the VESIT-IIC. GPT - Fine Tuning LLMs and Prompting Techniques, this session was organized by the Department on Information Technology on 28th July 2023 at 10:00 AM under eDisha. VESIT-TPC conducted a complete activity-based training session called 'The Barclays life skills training workshop', led by Mr. Atul Shinde from 4th to 6th July 2023 for BE-2024 batch students. The Department of Artificial Intelligence and Data Science, in collaboration with the AI CoLegion Club, partnered with Colledgepond to organize a workshop on 'Master's Abroad and Profile Building' on 1st September 2023. Codecell-CMPN conducted Web Verse workshop from 22nd to 23rd August 2023. They also organized a 10-hour workshop on 'Unleashing Innovation and Creativity through Design Thinking' from 24th to 26th August 2023. Tinkerer's Lab - EXTC along with VESIT-IIC and VESIT-IQAC organized workshop on 'Prototyping with Arduino' from 9th to 10th August 2023. QuestIT with VESIT-IIC and VESIT-IQAC organized a workshop on API development and management on 13th September 2023. Seamless Integration: Bridging Development and Integration Workshop, organized by QuestIT in association with VESIT-IIC and the VESIT-IQAC, took place on 26th August 2023. CSI - VESIT conducted a two-day 'FireScript workshop' on 28th and 29th August 2023. IEEE-VESIT in collaboration with Friends of Figma conducted 'User Interface and User Experience (UI/UX)' workshop on 12th and 13th September 2023. ISA-VESIT conducted a workshop on developing 'ChatGPT clone' on 17th September 2023. ISTE-VESIT conducted 'Pixel to Reality' workshop on 24th and 25th August 2023 on the theme Game Development using Meta SparkAR. They also hosted 'Hack-a-talk' on 11 September 2023 in the Auditorium.

VESIT Cultural Council and VESIT Music Council organized the commemoration of India's 76th Independence Day on 11th August 2023 in the college Auditorium. VESITConnect conducted an event for the Election Campaign of VESIT Student Council on 27th July 2023. We also organized the Induction Program for First-Year students on 24th and 28th August 2023 in the college auditorium. VESIT Cultural Council organized Prarambh



**Gaurang Desai**  
Student Chief Editor

'23 from 3rd to 5th September 2023 for the First-Year students. Bliss was organized by the VESIT Music Council, held on 14th September 2023 for the First-Year students. VESIT Sports Council organized VESIT Futsal League on 10th, 11th, 17th and 18th of August at the VES Academy Turf. IEEE-VESIT along with 'HP Laptops' organized the 'Omen Valorant Campus Quest' on 11th and 12th September 2023. ISA-VESIT in collaboration with VESLit Circle organized the 'Ctrl-Alt-Debate Competition' on 14th September 2023. 'VES Cha Raja' - Ganeshotsav celebration was held by all the four colleges of the VES campus on the 18th of September 2023. On the occasion of successful launching of Chandrayaan-3 on 23rd August 2023, VESLit Circle had organized competitions of Essay Writing and Poster Making for the students of VESIT. For the readers to gain more knowledge on the topic, the winning essays and posters are published in the newsletter.

The newsletter also showcases a broader aspect of the Entrepreneurial mindset of VESITians, covered through the 'Entrepreneurship Section' of the newsletter. The quarter of July-September 2023 is also witnessed by numerous social welfare activities by the students and faculties. SoRT-VESIT conducted 'Drops of Hope - blood donation drive' in association with 'JJ Blood Bank' on 23rd August, marking a total of 126 donors throughout the campus. They conducted 'Recyclothion 2023' in collaboration with Universal Human Values (UHV) Club on 12th and 13th September. VESIT Students' Club in collaboration with VESLang Circle and EBSB-VESIT organised 'Aashayain Village Visit' to Bapuji Babaji Jadhav Smarak Vidyamandir and Junior College. VESIT Student's Club in collaboration with SoRT-VESIT organized 'Swayam Jyoti' Village visit to Government Ashram School in Palghar on 14th July.

Once again, in another engaging interview for VESIT Diaries, we have Mr. Shantanu Wagh from the Batch of 2016 - ETRX sharing his experience as a senior software developer and life after graduation.



# HIGHLIGHTS

VES Institute of Technology (VESIT) proudly announces its grant of autonomous status by the University Grants Commission (UGC) for 10 years, starting June 2023. This milestone reflects VESIT's commitment to academic excellence, innovation, and autonomy. This significant milestone marks a new era for our institution, underscoring its dedication to excellence, innovation, and academic autonomy.

**Read More on Page 06**

The National Education Policy (NEP) of 2020 was introduced in the syllabus of FE students. It introduces a groundbreaking framework for a four-year multidisciplinary engineering curriculum, emphasising flexibility and a holistic approach to education.

**Read More on Page 17**

Department of Information Technology of VESIT partnered with the Brihanmumbai Municipal Corporation to launch Project Swechchha. The project is an ITES based solution for the operation and maintenance of the Community and Public Toilet Blocks in the Slums of the M-East Ward of Mumbai funded by Star Union Dai-ichi Life Insurance Co. Limited.

**Read More on Page 07**

The Department of Automation and Robotics organized a workshop on Intellectual Property Rights (IPR) and IP Management for Startups, featuring Dr. Rahul Kapoor (Founder and Director, Turnip Innovations). The workshop aimed to guide startups in developing a customized IP strategy aligned with their goals.

**Read More on Page 09**

VESIT witnessed an extraordinary event igniting the flames of innovation and entrepreneurship with 'VESIT Shark Tank, and launch of HABILIT Foundation website. Distinguished dignitaries graced the occasion and successfully guided the young entrepreneurs of the college. The highlight of the event was the Shark Tank style competition, where teams presented their ideas seeking funding and expert guidance.



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*Distinguished dignitaries graced the occasion and guided the students*

**Read More on Page 26**

Prarambh '23, the annual cultural extravaganza of VESIT, was nothing short of spectacular. Held at the enchanting amphitheater, the event brought together students from the first year, faculty, and staff for a memorable journey of creativity and camaraderie.

**Read More on Page 20**

VES Campus marked a historic milestone with its first-ever Ganeshotsav celebration at VESIT, organized by the VES Cha Raja committee. Led by dedicated students and supported by the college General Secretary, the event featured a spectacular Aagman ceremony and aarti conducted by Dr. J. M. Nair, adding divine reverence.

**Read More on Page 22**

On the occasion of successful launching of Chandrayaan-3 on 23rd August 2023, VESLit Circle had organized two fantastic competitions of Essay Writing and Poster Making for the students of VESIT. It was an exciting and excellent opportunity for the students to showcase their creative talents and celebrate India's monumental success with Chandrayaan-3.

**Read More on Page 22**

A blood donation drive 'Drops of Hope' was organized by SoRT-VESIT in association with JJ Blood Bank on 23 September 2023. A total of 126 donors from our college including faculty and students donated their blood for a noble cause. Students and faculties of all the departments came together to support this good cause.

**Read More on Page 27**



**126 Donors made the Blood Donation Drive successful**



**Students and faculties donating blood in the blood donation camp**



# ACHIEVEMENTS

## Autonomous Status granted to VESIT

-Prachit Paralikar

With immense pride and joy, we share the prestigious achievement of VESIT Institute of Technology (VESIT), which has been granted autonomous status by the **University Grants Commission (UGC)** for a duration of 10 years, starting from June 2023. This significant milestone marks a new era for our institution, underscoring its dedication to excellence, innovation, and academic autonomy.

Autonomous status empowers colleges to determine and prescribe their own courses of study and syllabi, allowing the flexibility to restructure and redesign curricula to suit local needs. This academic freedom enables VESIT to tailor educational offerings to the specific requirements of our students and the community we serve, ensuring our courses remain modern, relevant, and aligned with industry needs and societal developments.

The move towards autonomy is poised to enhance the quality of education at VESIT, promoting academic excellence and research opportunities. With newfound freedom, the college can focus on advancing scholarship, research, and educational innovation, contributing to the overall improvement of educational standards and the intellectual climate within our institution.

Beyond academic benefits, autonomy provides administrative independence, allowing VESIT to evolve assessment methods, conduct examinations, and leverage educational technology for higher standards and greater creativity. This freedom fosters an environment conducive to

experimentation and the adoption of modern tools of education.

Moreover, autonomy is expected to strengthen community engagement, with VESIT developing curricula that are locally relevant, addressing the specific needs and aspirations of our community. By tailoring educational offerings to local requirements, the college can better serve the societal and economic needs of the region, contributing to regional development.

**Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics Engineering)**, who was the coordinator for Autonomous Status expressed his delight at the news, stating, "Academic autonomy, from a professor's perspective, is a crucial and empowering aspect of the higher education experience. It refers to the freedom and independence granted to educators in the pursuit of knowledge, teaching methodologies, and scholarly activities within the academic environment. This autonomy is fundamental to fostering a vibrant atmosphere and ensuring the quality of education.

One of the primary benefits of academic autonomy is the ability to design and implement one's own curriculum. Professors can tailor their courses to align with their expertise, research interests, and the evolving needs of their students. This flexibility allows for the integration of the latest research findings, emerging theories, and practical applications into the educational experience, providing students with a dynamic and relevant learning environment.



**Coordinator of the Autonomous status - Dr. Abhay Kshirsagar (Associate Professor, Department of Electronics Engineering)**

Academic autonomy empowers professors to take intellectual risks, fostering an environment where groundbreaking discoveries and paradigm shifts can occur. However, academic autonomy comes with responsibilities. Professors are accountable for upholding ethical standards, promoting academic integrity, and delivering quality education. The privilege of autonomy is grounded in the expectation that educators will use their freedom responsibly and in the best interest of their students and the academic community. Balancing freedom with responsibility, professors play a pivotal role in cultivating an environment where knowledge flourishes, critical thinking thrives, and the pursuit of truth is paramount."

In summary, ushering into an era of autonomy is expected to yield a range of benefits for VESIT, solidifying its position as a leading institution in the region and fostering a culture of academic freedom and excellence.

## Victory at Automation Expo 2023

-Avan Shetty

In a remarkable showcase of innovation and talent, the **India Automation Challenge 23 (IAC 23)** took place from 23rd to 26th August 2023. It is an initiative that aims to inspire young minds, provide exposure to real-world automation challenges, and create a talent pool of practical solution-oriented professionals. Industrial Automation is published by Mumbai-based IED Communications Ltd, and the company is also the organizer of the iconic Automation Expo series of annual exhibitions and conference programs.

Immensely proud that it has crowned the winners, with the spotlight firmly on a groundbreaking project titled "**Greenhouse Automation using openPLC**". The triumphant team, comprised of **Vinayak Rasal (BE-INSTRU)**, **Aman Rajbhar (BE-INSTRU)**, and **Tanvi Desai (BE-INSTRU)**, emerged victorious at the Automation Expo 23 in Mumbai. Theirs is a tale of perseverance and ingenuity, as the project aimed to transform traditional agriculture through cost-effective greenhouse automation. Not only did it win the **First prize trophy** and a **cash prize of Rs.20,000** but VESIT, was honored with the **Best College Trophy**, solidifying its reputation as a breeding ground for innovation and excellence. Under the mentorship of **Dr. Nilima Warke (Associate Professor of automation and Robotics)**, the team harnessed the power of openPLC to monitor and control crucial environmental parameters such as temperature, humidity, light levels, and irrigation.

The **second prize** was bagged for their "**Hand Gesture Controlled wheelchair**" under mentorship of **Mr. Abhishek Chaudari (Assistant Professor, Department of Electronics Engineering)** developed by **Prajwal Poojari (BE-ETRX)**, **Umesh Suvsia (BE-ETRX)**, and **Naimatullah Mullah (BE-ETRX)**. This project involved combining computer vision or sensor technology with motor control systems.



**(L-R): Mentor of the team Dr. Nilima Warke (Associate Professor, Department of Automation and Robotics), Dr. (Mrs.) J. M. Nair (Principal, VESIT), and the winners- Tanvi Desai (BE-INSTRU), Aman Rajbhar (BE-INSTRU), and Tanvi Desai (BE-INSTRU)**

Cameras or sensors can capture hand gestures, and the wheelchair's software interprets

these gestures to control movement. It's a promising field for enhancing mobility for individuals with limited physical abilities.



**(L-R): Mentor of the team Dr. Nilima Warke (Associate Professor, Department of Automation and Robotics), and the team awarded with trophy and prizes**



**(L-R): Mentor of the team Mr. Abhishek Chaudari's (Assistant Professor, Department of Electronics Engineering), and the second prize winners- Prajwal Poojari (BE-ETRX), Umesh Suvsia (BE-ETRX), and Naimatullah Mullah (BE-ETRX)**

The journey to victory began with 150 projects vying for recognition, with 38 making it to the shortlist based on abstract submissions.



Through rigorous evaluation, 20 projects advanced to the technical presentation stage, and finally, the top 10 were selected based on proof of concept.

The chosen finalists were granted the

opportunity to showcase their projects at the grand stage of the Automation Expo 23 in Goregaon, Mumbai, Southeast Asia's largest exhibition for the Automation Industry.

This triumph marks a significant step towards a future where technology and agriculture converge, paving the way for sustainable and efficient farming practices.

## Project Swechchha: An Initiative by VESIT

~Brijesh Sharma

The Department of Information Technology of VESIT partnered with the Brihanmumbai Municipal Corporation to launch Project Swechchha. The project is an ITES based solution for the operation and maintenance of the Community and Public Toilet Blocks in the Slums of the M-East Ward of Mumbai. The project was launched on 13 September 2023 on 11 AM in the Conference Room of M-East Ward BMC Office. The project's Financial Supporter (CSR Initiative) is by Star Union Dai-ichi Life Insurance Co. Limited. The gathering comprised distinguished figures from Brihanmumbai Municipal Corporation and Star Union Dai-ichi Life Insurance.

The event commenced with the customary lamp lighting and a prayer, symbolizing the promising start of the proceedings. Everyone warmly welcomed and acknowledged Deputy Municipal Commissioner (SWM) Shrimati Chanda Jadhav, the Chief Guest, for honoring the event with her presence. Dr. (Mrs.) J.M. Nair (Principal, VESIT) stepped onto the stage and delivered an extensive overview of the institute, discussing its accomplishments and contribution to the local community. Her presentation established the event's direction, highlighting the institution's dedication to education and community betterment.



Dignitaries from the BMC office and Star Union Dai-ichi Life Insurance Co. Ltd along with the Faculty of VESIT

Dr. Shanta Sondur (Associate Professor, Department of Information Technology) presented a detailed overview of Project Swechchha, highlighting its goals and objectives. The event's standout moment centered on the official unveiling of the project's app and portal. Shrimati Chanda Jadhav had the privilege of inaugurating these tools, marking a significant milestone in the project's progress. This step was pivotal in realizing the project's goals and expanding its accessibility to the

public. Subsequently, a demonstration of the app's features took place.



(L-R): Chief Guest of the Event, Shrimati Chanda Jadhav (Deputy Municipal Commissioner), Dr. (Mrs.) J. M. Nair (Principal, VESIT), Dr. M. Vijayalakshmi (Vice Principal, VESIT) and Dr. Shanta Sondur (Associate Professor, Department of Information Technology)

To wrap up the event, a vote of thanks was expressed to all the dignitaries, participants, and attendees who honored the event with their presence and played a pivotal role in the project's success. As a gesture of appreciation and acknowledgment, mementos were distributed to all the esteemed guests. The event brought together individuals from diverse sectors, promoting collaboration and community engagement, and is anticipated to yield a positive impact on the local community.

## VESIT's Resounding Victory at Vivekini

~Brijesh Sharma

Vivekanand High School extended the gracious invitation to VES Institute of Technology (VESIT) for the prestigious Vivekini Competition, a musical extravaganza held on the eve of Independence Day, the 15th of August, within the campus Auditorium. In response, a harmonious ensemble, comprising 10 members, was meticulously curated, featuring 8 vocalists, 1 percussionist, and 1 harmoniumist, representing a diverse blend of musical talents.

The participants, namely Vivek V. (SE-CMPN), Madhura Golatkar (SE-CMPN), Maitreyi Tripathi (SE-AIDS), Disha Vishwakarma (SE-EXTC), Vedanti Tawade (SE-AURO), Dharitri B (SE-AURO), Aditya Mhatre (SE-AIDS), Mohit

Kerkar (SE-INFT), Kshitij Hundre (SE-INFT), Sanika Rane (TE-INFT), and Chinmay Desai (SE-CMPN), collaboratively embarked on a soul-stirring performance of the song "Vistar hai Aapaar" by the legendary Bhupen Hazarika.



Band representing VESIT at Vivekini on 15th August 2023

Their musical prowess resonated with the audience, earning the ensemble the coveted first place among all VES Institutions. The outstanding achievement was duly recognized with a trophy and a certificate presented to each participant, symbolizing not only their individual contributions but also the collective excellence of VESIT in the realm of music. The accolade serves as a testament to the institute's commitment to nurturing diverse talents and fostering a culture of artistic expression. This triumphant moment at the Vivekini Competition stands as a proud embodiment of VESIT's dedication to excellence across various domains, reinforcing its position as a hub of holistic education and cultural vibrancy.

## VESIT Shines at Arthanomics

~Avan Shetty

Arthanomics, the Annual Business and Economics festival which is conducted by Jai Hind College and this year it took place on the 11 and 12 of August. It focused on the theme 'Beyond The Bottom Line' that navigates a plethora of opportunities and ideas to transcend and transform the meaning of ongoing economic adjustment affirms that economies are perpetually open, evolving, and inherently imperfect.

A dynamic platform fostering self-exploration and innovative problem-solving. Through offline experiences, we ignite vibrant discussions, debates, and events, cultivating a rational understanding of the shared crises we face as a generation. War at Wall Street, Mock Trading,

Win The Veto, Case Conquest, Investor's Arena and many other thrilling events were participated by various colleges. Among these events, students of VESIT made us proud by attending some of the events and making them into top seeds.

A Contingent of 17 students under the leadership of Noel Dason (Student Head, VESLit Circle) participated in the multiple competitions organized in this fest and all the participants succeeded in reaching the finale in various competitions. Prachit Paralikar (TE-INFT) and Harsh Rane (BE-CMPN) won a cash prize of Rs. 3000 for securing runner-up position in the Case Conquest Competition, a remarkable feat for our college. In a triumphant display of talent, VESIT

students showcased their prowess at Arthanomics, clinching victories in various events.



(L-R): Winners Harsh Rane (BE-CMPN) and Prachit Paralikar (TE-INFT)



# TECHNICAL COMPETITIONS

## VESIT SIH Hackathon

~Srushti Chopade

**I**nternal Hackathon for Smart India Hackathon (SIH) 2023 VESIT was organized by VESIT Renaissance Cell in association with the VESIT-IIC (Institution's Innovation Council), VESIT-IQAC (Internal Quality Assurance Cell) and VESIT E-Cell on 16 September 2023, in VESIT Library.

The coordinator for the internal hackathon was **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering), SIH 2023 SPOC & Internal Hackathon Coordinator. The co-coordinators of the event were **Mrs. Abha Tewari** (Assistant Professor, Department of Computer Engineering) **Mrs. Sukanya Rowchoudhary** (Assistant Professor, Department of Information Technology), **Mr. Murgendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication Engineering) and **Mr. Amit Singh** (Assistant professor, Department of Artificial intelligence and Data science).

It has called for registrations for SIH 2023. 86 teams eagerly signed up to showcase their skills. Among them, 72 teams specialized in software, while 14 teams delved into the hardware side of

things. The initial selection process, called the elimination round, was skillfully managed by the VESIT Renaissance Cell, resulting in 47 teams making it to the internal hackathon. Out of these, 41 were software teams, and 6 were dedicated to hardware innovation.

As the competition intensified, a final cut was made, and 35 outstanding teams earned their spot in SIH 2023. Within this elite group, 30 teams emerged as the ultimate contenders, comprising 24 software teams and 6 hardware teams. Out of remaining, 5 teams were kept on standby.



Students actively participating in the hackathon



(Top-Bottom, L-R): Coordinator of the event, **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering), and the co-coordinators **Mrs. Abha Tewari** (Assistant Professor, Department of Computer Engineering) **Mrs. Sukanya Rowchoudhary** (Assistant Professor, Department of Information Technology), **Mr. Murgendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunication Engineering) and **Mr. Amit Singh** (Assistant professor, Department of Artificial intelligence and Data science)

## Innovative Project Exhibition

~Brijesh Sharma

**T**he Department of Information Technology in association with the VESIT-IIC (Institution's Innovation Council) and VESIT-IQAC (Internal Quality Assurance Cell) organized the program, 'Ideation to Innovation: The Prototype Expedition'. The program was a department-level Project Exhibition conducted from 21 to 23 August 2023. The event was coordinated by **Mrs. Rohini Sawant** (Assistant Professor, Department of Information Technology), **Mrs. Bincy Ivin** (Assistant Professor, Department of Information Technology), and **Mrs. Sneha Pakle** (Assistant Professor, Department of Information Technology) under the guidance of **Dr. Shalu Chopra** (Head, Department of Information Technology), and **Dr. Manoj Sabnis** (Deputy Head, Department of Information Technology). The event encouraged the students to research and work on building a project for the benefit of society. The program targeted to develop interpersonal skills in students to work as a member or as a leader of a group.

A total of 36 teams of BE, 36 teams of TE, and 50 teams of SE with each team consisting of a minimum of three members and a maximum of four members exhibited their projects which were examined by different panels of the faculties of the

Department of Information Technology. These projects were based on security, automation, and social causes. The projects proposed solutions to real-life problems faced by the common people.



BE Students presenting their projects to the panel

The great enthusiasm They showcased presentations, and engaging in sessions. This their confidence

students exhibited during the event. their ideas through demonstrations, question-answer experience boosted in the processes of



(Top-Bottom, L-R): Coordinators of the event: **Dr. Shalu Chopra** (Head, Department of Information Technology), **Dr. Manoj Sabnis** (Deputy Head, Department of Information Technology), **Mrs. Bincy Ivin** (Assistant Professor, Department of Information Technology), **Mrs. Rohini Sawant** (Assistant Professor, Department of Information Technology), and **Mrs. Sneha Pakle** (Assistant Professor, Department of Information Technology)

idea development, presentation, and effective communication with others.

The event concluded with expressions of gratitude towards the judging panels and

## CSI-VESIT's Thrilling Webathon 2.0

~Vinayak Panchal

**T**he eagerly anticipated event, **Webathon 2.0**, organized by **CSI-VESIT**, took place on September 12, 2023, at the amphitheatre at 3 pm. With the promise of adding excitement to the routine of many attendees, this event truly lived up to its expectations.

Webathon 2.0 proved to be a perfect

blend of thrilling games and a competitive spirit. Participants were encouraged to form teams of 3-4 members, making it an ideal occasion to bond with friends. The event was a resounding success, with numerous teams registering to take on the challenge

One of the main attractions of Webathon

2.0 was the opportunity to win exciting prizes. The winning team was awarded a generous cash prize of **Rs. 1000**, providing extra motivation for participants to perform their best. The chance to walk away with a cash reward added a level of intensity to the games, making the event even more thrilling.



In the first round, teams were tasked with completing challenges. After successfully finishing a task, they had to report to a CSI member at a designated desk, who would verify their completion and sign off. This round tested participants' problem-solving abilities and teamwork.



Poster of the event

The second round challenged a member from each team to memorize a sequence of playing cards: hearts, spades, clubs, and diamonds. Their task was to collect the cards and arrange them in the specified sequence from one end to another. This round emphasized memory skills and coordination.



Speakers Aradhya Ingle (TE-CMPN) and Gaurang Mapuskar (TE-INFT) explaining about the rules and the number of rounds of the game and the participants following the rules of the task



Participants playing the interesting games designed by CSI-VESIT

In the final round, teams had to flip a bottle, and upon successfully flipping it, they received a code. The objective was to collect three codes and then run them to identify and fix errors. Ravi Valecha and the team emerged as the winner completing the tasks.

In conclusion, Webathon 2.0 by CSI-VESIT was a tremendous success. It provided a break from the routine of exams and workshops, injecting excitement and energy into the participants.



Ravi Valecha and the team receiving prize of Rs.1000

## TECHNICAL UPSKILLING

### IP Mastery: Startup Success

~ Joanna Sanju

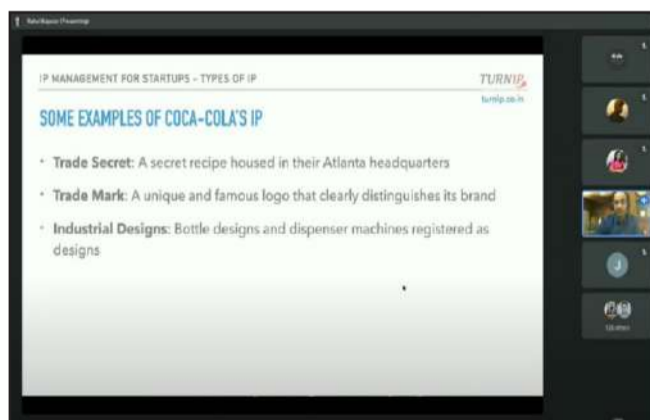
The Department of Automation and Robotics held its workshop on 'Intellectual Property Rights (IPR's) and IP Management for Startups' on 20 July, 2023, from 11:00am to 4:00pm through an online session under the guidance of IIC and IQAC. The speaker of the programme was Dr. Rahul Kapoor (Founder and Director, Turnip Innovations). The main objective of this workshop was to develop and implement a customized IP strategy that aligns with their startup's goals, effectively safeguarding and leveraging their intellectual property assets to drive innovation, competitiveness, and sustainable growth.

Throughout the workshop, participants learned to proactively mitigate potential IP-related risks, ensuring compliance and safeguarding against infringement or legal intricacies. With a focus on the entire lifecycle of IP assets – from their inception and meticulous documentation to filing, maintenance, and even potential monetization avenues. An exploration of diverse monetization strategies, encompassing licensing agreements, partnerships, and technology transfers, empowered participants to access the value of their IP and adeptly negotiate advantageous terms.

Dr. Kapoor initiated the session with a foundational exploration of intellectual property (IP), unraveling its essence. Participants delved into the broad spectrum of intangible assets—ideas, inventions, creative works, and distinctive branding—each possessing inherent value. The

discourse provided a comprehensive understanding of role IP plays in various domains.

Through relatable examples and engaging anecdotes, Dr. Kapoor elucidates the diverse forms of IP, including patents, copyrights, trademarks, and trade secrets. Subsequently, the workshop transitioned into an in-depth discussion of the components that constitute IP. Dr. Kapoor meticulously outlined the distinctive characteristics and applications of each type of IP, shedding light on how startups can leverage these assets to foster innovation, protect their creations, and gain a competitive edge in the market.



Session on IP Rights and Management conducted by Dr. Rahul

The session then shifted its focus to illuminate the inherent need for a robust IP strategy in the startup landscape. Dr. Kapoor emphasized

how startups often possess innovative ideas and unique offerings that require safeguarding from potential imitations or infringements. Attendees gained insights into how a strategically designed IP framework can serve as a cornerstone for market differentiation, business growth, and attracting potential investors.



Dr. Rahul Kapoor (Founder and Director, Turnip Innovations) explaining types of IP

The workshop's final segment delved into the legal intricacies of IP. Dr. Kapoor navigated participants through the vital aspects of IP laws and regulations, understanding the significance of proper documentation, registration processes and ramifications of IP infringement, equipping them with essential knowledge to navigate the legal landscape effectively.

In conclusion, the participants left the session armed with a deeper understanding of how intellectual property can be harnessed as a strategic asset within the startup ecosystem, fostering innovation, protection and sustainable growth.



# ISA-VESIT's Circuit Craft

- Vinayak Panchal

ISA-VESIT conducted a workshop on 'PCB DESIGNING' on the 19th August that aimed to help participants to know about the fundamentals of electronics, specifically focusing on the IC555 and IC4017 integrated circuits. It was held from 10 am to 5 pm at lab B21 and B22. The workshop was structured into two sessions, each addressing different aspects of PCB designing.



Poster of the Event

VESIT, **Shobhit Rajguru** (TE -ETRX). It helped the participants to visualize and understand the circuitry more easily. It was very insightful as it gave an idea of the real working of the circuit before actually making it. Junior Technical Officer, **Rashid Sarang** (SE-AURO) contributed by explaining the features and uses of the EasyEDA i.e. Easy Electronics Design Automation software in detail, which was used for virtual designing and simulation of the PCB circuit. This software is designed to aid in PCB design, schematic capture, and circuit simulation. By providing a detailed overview of EasyEDA, participants gained insights into how to use software tools to design, simulate, and iterate PCB circuits more efficiently.



Participants Learning About EasyEDA software

The second session was a hands-on session where the participants were given a chance to design and work on real PCB. They got an opportunity to work on two practical projects, namely an LED chaser, and an LED blinker. These projects

involved designing and assembling circuits using real components on PCBs. Through this practical session, participants got an opportunity to apply the knowledge gained in the first session and from the virtual simulations.



(L-R): Speakers of the workshop- **Shobhit Rajguru** (TE -ETRX), **Rashid Sarang** (SE-AURO), and **Atishkar Singh** (SE-AURO)

The participants gained first hand experience in soldering components, arranging traces on the PCB, and troubleshooting circuit issues. This hands-on approach helped them solidify the theoretical knowledge and build confidence by working with real electronic components. The workshop included an element of competition. Attendees worked in groups on the LED chaser and LED blinker projects, with the best-performing groups winning recognition. The leading groups were given a chance to experience the Meta Quest 2 VR headset. This incentive motivated participants to collaborate and put their best effort into the projects. The workshop ended on a successful note where the participants interacted with the seniors and resolved their doubts.

# Exploring Networks using NetSims

- Anish Padhye

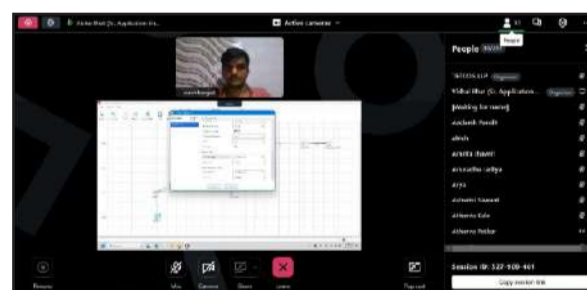
On 19th August 2023, the **Department of Electronics and Telecommunication** in association with **VESIT-IIC** (Institution Innovation Council) and **VESIT-IQAC** (Internal Quality Assurance Cell) had organized an online webinar on 'Innovations in Networks using NetSim'. The program type was a demonstration type and the theme of it was R&D and Innovation. The speaker of the event was **Mr. Vishal Bhat**, Senior Applications Engineer at TETCOS LLP, Bangalore. Coordinator of the event was **Dr. Ranjan Bala Jain** (Assistant Professor, Department of Electronics and Telecommunication).

This webinar was organized to enable students and faculty to understand NetSim. It is defined as the state of the art in the modeling of communication networks and provides the principal simulation environment. NetSim provides a single integrated, continually expanding system that covers the breadth and depth of communication networks. It supports a wide range of networks and protocols, 5G NR, LTE, IoT, Ethernet, Wi-Fi, TCP/IP, Routing, VLAN, Mobile Ad hoc networks, Vehicular networks, Software defined networks, Military Radios, Satellite communication, Underwater networks and more. It also provides detailed output files labeled appropriately, Packet trace, Radio Measurements, Resource allocation, Event trace and more. All in tab ordered csv format, Open in Excel or Python Pandas, Labeled for ML usage.

The two main objectives of the event were to provide a comprehensive theoretical and hands on practical experience on NetSim to the

beginners and to get ready students to run their live application over an equivalent virtual network and see how the application is performing in real time.

Mr. Vishal Bhat shared his insights on end-to-end simulation of 5G networks regarding the devices such as UE, gNB, 5G Core devices (SMF, AMF, UPF), Router, Switch, Server. He also guided the students on how the 5G library interfaces with NetSim's proprietary TCP/IP stack providing simulation capability across all layers of the network stack. The applications included FTP, HTTP, Voice, Video, Email, DB, Custom and more.



The speaker instructing the students

He also added on simulation of 802.22 Cognitive Radio Devices that are used for cognitive radio simulations in NetSim are CR BaseStation, Incumbent (PrimaryUser), CR\_CPE (SecondaryUser) and Point to Multipoint (P2MP) links. CR Base Stations perform cognitive sensing, i.e the CPEs (SUs) sense the spectrum and send periodic reports to the BS informing it about what they sense.

The BS, with the information gathered, detects Primary User (PU) activity. When PU activity is detected the transmissions of SU's are

paused or the SU's change the transmitting and receiving channels. NetSim 802.22 PHY model allows for dynamic adjustment of bandwidth, modulation and coding schemes.



(L-R): Speaker of the workshop, **Mr. Vishal Bhat** (Senior Applications Engineer, TETCOS LLP), and coordinator, **Dr. Ranjan Bala Jain** (Assistant Professor, Department of Electronics and Telecommunication)

The MAC model consists of Superframes which are formed by many frames, with medium access via OFDMA. NetSim 802.22 library provides specialized output metrics such as Spectral efficiency, SCH sent / received, FCH sent / received, UCS sent, Primary User - Operational time, Idle time and interference time

Mr. Vishal Bhat concluded by saying that NetSim Long-Term Evolution (LTE) Model Library provides high fidelity simulation of 4G / 4.5G cellular networks based on the 3GPP TS 36.xxx standards. It includes models of nodes called MME (Mobility Management Entity), eNodeB (Base Station), Relay and UE (Mobile Station) and each has detailed MAC and PHY models.

A total of 112 student attended the online webinar along with 9 faculty members. Overall it was a great learning experience for the students who look forward to apply these skills in real life.



# Learning Latex through hands-on Experience

-Meghna John

On 1st and 8th August 2023, the **Department of Electronics and Telecommunications** in association with **VESIT-IIC** (Institution's Innovation Council) and **VESIT-IQAC** (Internal Quality Assurance Cell) had organized a workshop on '**Latex typesetting technical documents**' for the students. It was held in B-42 from 9.00 am to 11.00 am. The coordinators of the event were **Dr. Ranjan Bala Jain** (Assistant Professor, Department of Electronics and Telecommunications Engineering) and **Mrs. Neeta Chavan** (Assistant Professor, Department of Electronics and Telecommunications Engineering). **Dr. Chandan Singh Rawat** (Head, Department of Electronics and Telecommunications Engineering) was the resource person for the day. He shared his useful insights and guidance to all those present there.

This workshop was organized to enable students to create a LaTeX article from start to finish. LaTeX is an extremely powerful typesetting system with superior equation support. Here, expert coding skills are not required. However, if someone is better at programming, they will understand Latex faster. One just needs to practice and experience. Dr Rawat further implies that the idea behind LaTeX is that the LaTeX environment does the work of a designer. The author needs to provide the text, and some additional information that describes the logical structure of the work.

This information is given as LaTeX commands. The text that the author types, usually

in a text editor, is different from the final output. The final output can be previewed on the screen after processing the file with LaTeX. This separation between the content and the formatting may be frustrating at the beginning, but once you get used to it, allows you to focus exclusively on the content, while LaTeX takes care of the formatting.



Students creating the LaTeX article

The workshop focused on several key outcomes, including the identification, installation, and utilization of LaTeX software such as MiKTeX and WinEdit. Participants learned to navigate document classes and packages, understanding the importance of the preamble and document structure when composing various types of documents like research papers, theses, books, posters, slides, and presentations. The workshop delved into the creation of mathematical equations and matrices using the AMS-LaTeX bundle. It

highlighted that while basic LaTeX addresses many challenges, there are instances where additional packages can enhance its capabilities. Participants also gained insights into incorporating images and graphics by introducing new packages in the document's preamble. A crucial aspect covered was LaTeX's ability to reference sections, figures, tables, formulas, and any numerically labeled elements within a document.



(L-R): Coordinators of the event, **Dr. Chandan Singh Rawat** (Head, Department of Electronics and Telecommunications Engineering), **Mrs. Neeta Chavan** (Assistant Professor, Department of Electronics and Telecommunications Engineering), and **Dr. Ranjan Bala Jain** (Assistant Professor, Department of Electronics and Telecommunications Engineering)

The number of participants for the Latex workshop were 77. All the students enjoyed the workshop as it allowed them to learn something new. One of the biggest advantages in using this software is that the user need not concentrate on the layout of the document because LaTeX takes care of all that by itself, resulting in really good looking and clean professional documents.

# Exploring Data Structure Principles

~Riya Varyani

**Let's Play With Data Structure Principles** was organized by the **Department of Information Technology** of **VESIT** Department of Information Technology, under the guidance of the **VESIT-IQAC** (Internal Quality Assurance Cell) in association with the **VESIT-IIC** (Institution's Innovation Council). This was organized on the 29th August 2023 in the college's auditorium. The hosts of this event were **Mahvish Siddique** (SE-INFT) and **Akruti Dabas** (SE-INFT). The co-ordinators of this event were **Mr. Anil Ahir** (Assistant Professor, Department of Information Technology) and **Mr. Jitendra Madavi** (Assistant Professor, Department of Information Technology). The speaker of this seminar was **Dr. Ravi Prakash** (Associate Professor, Head T&P - KCCEMSR). Dr. Ravi Prakash gave information on various topics of DSA such as trees, graphs, arrays,

etc. This seminar was attended by all three sections of the Department of Information Technology.



**Dr. Ravi Prakash** (Associate Professor, Head Training and Placement Cell - KCCEMSR), is giving in-depth information on Data Structure and Principles.

All three sections of the Information Technology Department played a jumble word game, for this a WhatsApp group was formed and

each class had to make a list in which they had to write a topic of DSA in front of their name. The speaker gave gifts to the CR of each class. Everyone enjoyed this wonderful session as it was informative as well as fun.



(L-R): Coordinators of the event- **Mr. Anil Ahir** (Assistant Professor, Department of Information Technology) and **Mr. Jitendra Madavi** (Assistant Professor, Department of Information Technology)

# GPT Workshop: Fine Tuning and Prompts

~Riya Varyani

**GPT - Fine Tuning LLMs and Prompting Techniques**, this session was organized by the Information Technology Department of Vivekanand Education Society's Institute of Technology on 28th July 2023 at 10:00 AM under eDisha. The esteemed speaker for the event was **Ms. Aishwarya Nair** (AI/ML Engineer, Haystack Inc.). The speaker engaged the students in the world of learning new things with her amazing skills.

Ms. Aishwarya gave a brief introduction to Natural Language Processing at the beginning of the session. She discussed various applications of NLP, including sentiment analysis, text classification,

language translation, and chatbots.



Coordinator of the event- **Mrs. Pooja Shetty** (Assistant Professor, Department of Information Technology)

The speaker gave information about LLM and GPT. She also taught students how to engage in

meaningful conversation with AI, mainly ChatGPT, in order to get contextually relevant answers.



**Ms. Aishwarya Nair** conducting the session



Tools available in the OpenAI Playground, including options to control the model's behavior, choosing the model's persona, and modifying the temperature and max tokens parameters for generating responses to these are the things

covered by the speaker in the session. She guided the participants through setting up the necessary Python environment, installing the OpenAI library, and obtaining API credentials.

The session was organized by **Mrs. Pooja**

**Shetty** (Assistant Professor, Department of Information Technology). This session undoubtedly ignited participants' interest in exploring the vast possibilities of language models and their applications in real-world scenarios.

## Elevating Communication and Employability

~ Brijesh Sharma

The Training and Placement Cell of VESIT conducted a complete activity-based training session called '**The Barclays life skills training workshop**' from 4th - 6th July 2023 for BE 2024 batch students. This workshop was led by **Mr. Atul Shinde**.

The Barclays life skills training workshop on Day 1 proved transformative, covering team development, effective communication, email writing, and nonverbal communication. Participants gained practical skills, broadened their understanding, and are now better equipped to handle interpersonal situations both personally and professionally.

The training session covered interview etiquette, group conversation reviews, and provided

practical advice for professional presentation, enhancing participants' communication skills and readiness for unexpected business scenarios. The transformative experience fosters self-improvement, communication mastery, and enthusiasm among participants, preparing them for future success.

The Placement Preparation Mock Interview Session significantly benefited students, offering exposure to real-life interview scenarios and valuable feedback from Mr. Atul Shinde, leaving them more confident and well-prepared for future job interviews.

The Mock Interview Session for Placement Preparation proved to be a highly beneficial event for the students. It not only provided them with

exposure to real interview scenarios but also allowed them to learn from the valuable feedback and advice provided by Mr. Atul Shinde. The event ended on a positive note, with students feeling more confident and better equipped to face future job interviews.



Students along with instructor - Mr. Atul Shinde

## Empowering Futures With Master's Abroad

~ Vinit Solanki

The Department of Artificial Intelligence and Data Science, in collaboration with the AI CoLegion Club, partnered with Collegepond to organize a workshop on '**Master's Abroad and Profile Building**' on the 1st of September 2023. The workshop aimed to provide guidance to students planning to pursue higher education abroad. It was a well-attended event with students from various academic disciplines. **Mr. Jimeet Sanghavi** (Director, Collegepond) was the speaker of the workshop.

The session was conducted in person at the college's auditorium on 1st September 2023, from 11 a.m. to 12 p.m. The AI CoLegion Club effectively promoted the workshop through their social media channels, including Instagram, and distributed posters throughout the college campus to generate interest and awareness. The event achieved great

success, with over 550 registrations. Attendees also received a **\$30 discount coupon** for the TOEFL exam, providing tangible benefits. In addition, participants who answered the speakers' questions accurately were awarded instant rewards of \$1.

Feedback from the audience indicated that the session was resourceful. The AI CoLegion Club received accolades from both the attendees and the Collegepond team, who appreciated the club's dedication to organizing the event.

The session helped the students understand the importance of their preferences in planning their unique journey toward their career goals. The AI CoLegion Club's successful organization of this event has earned widespread appreciation, providing its members with valuable experience in event planning, execution, publicity, and management. This achievement sets a new standard

for future events, and the AI CoLegion club eagerly anticipates hosting more such occasions with esteemed sponsors in the days ahead.



Poster of the Event

## Crafting code through Web Verse

~ Avan Shetty

The Web Verse workshop, orchestrated by the brilliant minds of **CodeCell Tinkerer** from the Department of Computer Engineering, emerged as a beacon of enlightenment in the realm of web development. It was a 2-day workshop convened on 22nd August and 23rd August 2023. The workshop mainly focussed on equipping students with the fundamental skills and knowledge necessary to become proficient web developers.

Under the skillful guidance of speakers **Sadhak Kumar** (TE-CMPN) and **Chengalva Sai Harikha**, (TE-CMPN), the workshop kicked off at 3:00 PM. **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering) was the coordinator of this workshop. Day one was a tapestry of fundamental concepts meticulously woven together. The canvas began with the basics: creating hyperlinks, importing images, and constructing divisions - the very essence of HTML. The atmosphere buzzed with curiosity as participants delved into the intricate world of web development.

Day two buzzed with enthusiasm as students

eagerly embraced hands-on activities, honing their HTML skills with tasks like crafting buttons and transforming cursors into pointers. The workshop's pinnacle was the creation of personal portfolio websites, where theory seamlessly met real-world application. Guided by expert instructors, students wove intricate lines of code into digital masterpieces, showcasing both their creativity and newfound expertise.



Participants attending the workshop

As the sun dipped below the horizon on the 23rd of August, the participants left the

workshop not just with certificates of completion, but with a treasure trove of knowledge and a newfound confidence. Web Verse was ultimately a transformative experience.

The workshop was more than an educational triumph; it was a celebration of the creative spirit, a testament to the power of knowledge, and a reminder that in the vast expanse of the digital universe, every line of code carries the potential to shape the future.



(L-R): Speakers of the event were **Sadhak Kumar** (TE-CMPN) and **Chengalva Sai Harikha**, (TE-CMPN) and coordinator **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering)



# Journey of Creativity and Learning

~Brijesh Sharma

**C**odecell Tinker's from the Department of Computer Engineering in Association with VESIT - IIC (Institute Innovation Council) and VESIT - IQAC (Institute Quality Assurance Cell) organized the 10-hour workshop, 'Unleashing Innovation and Creativity through Design Thinking'. The workshop speaker was **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering) and the **Codecell Graphics Team members**. The workshop was divided into three sessions from 24th to 26th August 2023. The venue of the workshop was B32 and it started at 3:00 PM. The total number of students participated were 109 with the presence of coordinators of the event, **Mr. Richard Joseph** (Assistant Professor, Department of Computer Engineering), **Mrs. Geocey Shejy** (Assistant Professor, Department of Computer Engineering), and **Mrs. Sunita Sahu** (Assistant Professor, Department of Computer Engineering).



Poster of the event

The objective of this session was to assist individuals in embarking on their journey into design thinking and uncovering how it can pave the way for innovative and original solutions. Additionally, the event incorporated a practical exercise utilizing Figma, a tool that enables participants to experiment with the process of design themselves.

On Day 1, the event commenced, and the speaker introduced himself to the students. He offered a concise introduction to the subject, elaborating on the concept of design thinking and its pivotal role within the technology sector. He emphasized the impact of design thinking in the development of marketable end products. During the session, each participant received a blank drawing sheet and was tasked with sketching whatever came to mind when thinking of "Nature". This creative exercise lasted for 10 minutes and yielded a diverse array of imaginative drawings. Following this, the speaker invited CodeCell members to analyze the drawings and identify common unique aspects.

The session was designed to be highly interactive and engaging, moving on to discussions about designing and prototyping. Participants were then grouped into pairs, with one person acting as the client, specifying their requirements, and the other taking on the role of the designer responsible for creating a product based on those requirements. This exercise aimed to simulate a professional scenario involving client interaction and design work. Volunteers were called on stage to present their ideas to the entire audience, offering insights into how communication and collaboration with clients unfold professionally. As a continuation of the event, participants were instructed to create small prototypes of their ideas, which would be further developed in the next session on Day 2.



(Top-Bottom): Speaker of event Vedant Pawar (TE-CMPN), and Manasi Sharma instructing the Students, Codecell Graphics Team Member teaching the Participants

On Day 2, the session started with the introduction of Information Systems. The speaker of the event, Dr. Prashant Kanade held an open discussion to teach what is Information Systems. Each participant had the opportunity to contribute their thoughts to the discussion, enhancing everyone's understanding of the topic. Following this, formal explanations about the relationship between Information Systems and Design were provided. The concept was conveyed engagingly through visual examples that told a story, emphasizing how creating an Information System can enhance the functionality and effectiveness of a design. Afterward, an introduction to Storyboards was presented, including a definition and an explanation using a sample storyboard. These examples helped students solidify their understanding of how to approach creating a storyboard. A thought-provoking activity followed

where students created storyboards on the topic of "Courier Services", providing practical learning experiences. Students volunteered to showcase their storyboards and explain their thought processes, aiming to design business logic efficiently with minimal time and resources. The session then touched upon the advantages of storyboards. Next, an introduction to PaperBoards was provided, with the speaker explaining the differences between storyboards and paperboards. Another activity followed, requiring students to create paperboards based on their previously crafted storyboards. The session continued with discussions on the significance of designing information systems, real-life implementations in our college, and identifying design requirements. Live examples like electricity bills, bus tickets, and railway tickets were used to explore intricate design details.



(Top-Bottom, L-R): Speaker of the event Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering) and the coordinators of the event, Dr. Nupur Giri (Head, Department of Computer Engineering), Mr. Richard Joseph (Assistant Professor, Department of Computer Engineering), Mrs. Sunita Sahu (Assistant Professor, Department of Computer Engineering), and Mrs. Geocey Shejy (Assistant Professor, Department of Computer Engineering)

On Day 3, the session started at 11:00 AM on Google Meet. Codecell Member **Ajay Iyer** (TE-CMPN) gave an introduction to all the students about the topic we were going to learn and introduced our speakers to the audience. Codecell Design Team members, **Vedant Pawar** (TE-CMPN), and **Manasi Sharma** (TE-CMPN), gave a brief introduction to UI/UX and concepts such as wireframing. They then began designing a carbon emission calculator app using Figma. The students successfully developed the UI/UX for the app, and the session concluded at 1:00 PM.

In this way, the event concluded with positive feedback from the participants, reflecting their enthusiasm and engagement. The feedback forms were shared with the participants asking for suggestions and feedback for the event.

## Arduino Wonders Workshop at VESIT

~Nikunj Pal

**I**n a collaborative effort, the **Tinkerer's Lab** at the **Department of Electronics and Telecommunications Engineering**, in association with VESIT-IIC (Institution's Innovation Council) and the VESIT-IQAC (Internal Quality Assurance Cell), recently organized an enlightening workshop titled 'Prototyping with Arduino'. Held from 9th to 10th August 2023,

this workshop aimed to introduce participants to the capabilities of Arduino boards in developing prototypes and honing their skills in the field of electronics and programming. The event featured distinguished speakers, **Mr. Krishang Ukey** (TE-EXTC), and **Mr. Sidhesh Shirsivkar** (TE-EXTC), both Senior Technical Members of Tinkerer's Lab, EXT-EXTC-VESIT.

The primary goal of the workshop was to equip attendees with a fundamental understanding of prototyping using Arduino boards. This knowledge was not only intended to enhance their skill set but also to provide practical insights that could be applied to their Mini-project 1A. Throughout the workshop, participants were guided through Arduino IDE programming,



software simulation, and testing using tools such as TinkerCAD. They also learned how to interface Arduino with a variety of sensors, including ultrasonic, IR, and LDR, opening up a world of possibilities for their future projects.

With an impressive turnout of over 102 enthusiastic participants, the event was expertly coordinated by Student Coordinator Ashish Nair (TE-EXTC), a Senior Organizing Member at Tinkerer's Lab EXTC-VESIT, and supported by Faculty Coordinator, **Mr. Mrugendra M Vasmatkar**, (Assistant Professor, Department of Electronics and Telecommunications Engineering).



Speakers instructing the students

The two-day workshop was structured to provide participants with a comprehensive understanding of Arduino and its applications:

On the first day, attendees were immersed in the world of Arduino, exploring its capabilities and potential. The day started with an introduction to microcontrollers, Arduino boards, and their wide-ranging applications. Participants were encouraged to brainstorm and develop ideas for projects, with a particular focus on home automation. Using the Tinkercad software, they worked on creating a proof of concept for their proposed home automation projects, setting the stage for further development. The second day of the workshop was dedicated to bringing ideas to life. Participants delved into the practical aspects of project implementation. They learned to write code in Arduino IDE and

gained hands-on experience in interfacing various sensors, including ultrasonic, IR, gas sensors, and LDR. By the end of the day, each participant had transformed their concept into a functional home automation prototype.



(L-R): Speakers of the workshop, Senior Technical Members of Tinkerer's Lab, **Krishang Ukey** (TE-EXTC), and **Sidhesh Shirsivkar** (TE-EXTC)

The workshop began with a grand inauguration ceremony, graced by esteemed members of the EXTC faculty, including **Dr. Chandansingh Rawat** (Head, Department of Electronics and Telecommunications Engineering), **Mrs. Manisha Chattopadhyay** (Deputy Head, Department of Electronics and Telecommunications Engineering), **Dr. Nadir Charniya** (Vice-President, VESIT-IIC), and **Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunications Engineering), **Dr. Ranjanbala Jain** (Professor, Department of Electronics and Telecommunications Engineering) and **Mrs. Neeta Chavan** (Assistant Professor, Department of Electronics and Telecommunications Engineering), both esteemed faculty members from the EXTC department, were also present to support the event.

The Prototyping with Arduino workshop proved to be a remarkable journey of exploration and learning. It not only imparted essential knowledge but also ignited a passion for innovation. By empowering them with the skills to develop prototypes and interface with various sensors, the workshop laid the foundation for future innovations in the field of electronics and automation.



(Top-Bottom,L-R):Coordinators of the workshop, **Dr. Chandansingh Rawat** (Head, Department of Electronics and Telecommunications Engineering), **Mrs. Manisha Chattopadhyay** (Deputy Head, Department of Electronics and Telecommunications Engineering), **Dr. Nadir Charniya** (Vice-President, VESIT-IIC), and **Mr. Mrugendra Vasmatkar** (Assistant Professor, Department of Electronics and Telecommunications Engineering), **Dr. Ranjanbala Jain** (Professor, Department of Electronics and Telecommunications Engineering) and **Mrs. Neeta Chavan** (Assistant Professor, Department of Electronics and Telecommunications Engineering)

This successful event was a testament to the collaborative efforts of the EXTC department's faculty and students and the dedicated organization by Tinkerer's Lab EXTC department. It is through such initiatives that institutions like VESIT inspire and nurture the innovators and engineers of tomorrow. As the world continues to evolve in the age of technology, workshops like these are essential in shaping the minds of young innovators and equipping them with the tools they need to make a meaningful impact in their fields. The "Prototyping with Arduino" workshop at VESIT stands as a shining example of this commitment to knowledge, innovation, and education.

## Mastering the Backends with QuestIT

~Brijesh Sharma

**Q**uestIT in association with the **VESIT - IIC** (Institute Innovation Council) and **VESIT -IQAC** (Institute Quality Assurance Cell) organized a workshop on API development and management. The workshop was designed to give participants an overview of NodeJS, API, and MongoDB and a practical demonstration of building and managing APIs using Postman. The event, '**API Alchemy: Crafting APIs and MongoDB Solutions with Express**', conducted on 13 September started at 9 AM in room B51 and B52. The speakers of the event were **Raghava Mundhara** (TE-INFT), **Nilanchal Panda** (TE-INFT), **Shreyash Dhasade** (TE-INFT), **Anket Kadam** (TE-INFT), and **Darash Mishra** (TE-INFT). The total number of participants for the workshop was almost 100 which included most of the TEs and some of the SEs. The event was coordinated by **Mrs. Jayshree Hajgude** (Assistant Professor, Department of Information Technology) and **Mrs. Pooja Shetty** (Assistant Professor, Department of Information Technology).

The workshop began by offering a detailed overview of Node.js, highlighting its significance as a server-side runtime environment. Node.js was presented as a platform with numerous advantages, particularly its non-blocking I/O model, which facilitates the efficient handling of multiple concurrent connections. This aspect was emphasized as crucial for modern web applications

that often require real-time interactions and scalability.



Students learning about HTTP methods of API

Following the introduction to Node.js, the speaker introduced NPM (Node Package Manager) to the participants. NPM was described as the central tool for managing Node.js packages and dependencies, enabling developers to install, update, and share code seamlessly.

Transitioning to API development, the workshop defined an Application Programming Interface (API) as a vital component in software architecture, enabling different applications to communicate and interact effectively. Postman, a popular tool in the API development ecosystem, was introduced as a powerful solution for testing and exploring APIs. Participants were shown how Postman simplifies the process of sending requests to APIs, analyzing responses, and streamlining

testing workflows, thereby enhancing productivity in API development projects.



(L-R): Coordinators of the event: **Mrs. Pooja Shetty** (Assistant Professor, Department of Information Technology), and **Mrs. Jayshree Hajgude** (Assistant Professor, Department of Information Technology)

In the final segment of the workshop, participants learned about the unique features of MongoDB that make it well-suited for modern applications, such as its schema-less structure and support for dynamic queries. The discussion also touched upon MongoDB Atlas, a cloud-based database service that offers high availability and scalability without the need for complex infrastructure management.

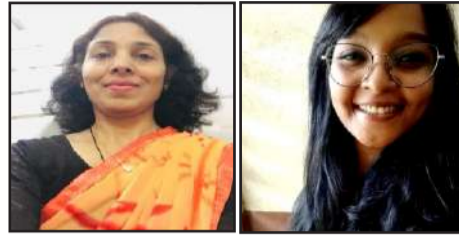
The workshop covered Node.js, Express.js, API development, Postman, and MongoDB, equipping participants with skills for building robust web applications.



# Tech Integration Workshop

~Riya Varyani

**Seamless Integration: Bridging Development and Integration Workshop** organized by **QuestIT Cell** in association with **VESIT-IIC** (Institution's Innovation Council) and the **VESIT-IQAC** (Internal Quality Assurance Cell). This workshop was organized on 26 August 2023 and 9 September 2023 from 9:00 am to 2:00 pm. A demonstration of creating and integrating apps using different **Mr. Omkar Pawar** (Junior Analyst, ISS) at the moment, attended the workshop. QuestIT, a group of IT department students, conducted it. The purpose of the session was to provide attendees with an overview of integration and development tools as well as HandevOps technologies. The coordinators of this workshop were **Dr. Ravita Mishra** (Assistant Professor, Department of Information Technology) and **Mrs. Bincy Ivin** (Assistant Professor, Department of Information Technology). Revising Git and GitHub and comparing them; working with Jenkins plugins and Docker containers for the overall development of a project, these are some of the topics discussed



(L-R): **Dr. Ravita Mishra** (Assistant Professor, INFT Department) and **Mrs. Bincy Ivin** (Assistant Professor, Department of Information Technology)

in the workshop.

The objectives of the workshop were as follows:

- 1) Introduction to Technology: Introduction to Jenkins and Docker.
- 2) Understanding the process of integrating developments into a project
- 3) Providing a practical approach to ensure they fully grasp the concept.
- 4) Introduction to tools like Maven, Selenium, Pipeline, and TestNG.
- 5) Understanding, managing, integrating, and

testing various developments.

This amazing workshop helped students from our college learn and develop an interest in new technological things. **Omkar Pawar's** workshop was fun and interesting. The presenter did a fantastic job of breaking down the topics and leading the audience through the relevant activities. The session was well-structured, allowing for enough time for attendees to ask questions and



**Speaker Mr. Omkar Pawar explains working of Kubernetes**

# Say Hello to the Technologies

~Srushti Chopade

**CSI - VESIT** conducted a two-day '**FireScript workshop**' on 28th and 29th August which took place in room B31 and B21 respectively. The duration of the event was of two hours from 3pm to 5pm.



**Sumeet Singh (TE-INFT) introducing everyone with Firebase.**

The workshop focused on JavaScript and Firebase. The primary aim was to provide hands-on web development experience using these technologies.

The workshop curriculum encompassed fundamental JavaScript concepts like variables, loops, functions, and arrays, progressing to advanced topics such as arrow functions, DOM manipulation, event listeners, and promises. It also introduced Firebase and its applications, including authentication, database management, storage, and hosting. A practical component involved building a personal diary web application using JavaScript and Firebase.

The event split into two sessions, Day 1 featured **Simran Ahuja** (TE-CMPN), **Shivani Nikam** (TE-INFT), and **Sumeet Singh** (TE-INFT). Simran initiated with JavaScript basics, illustrating concepts with examples. Shivani delved into advanced JavaScript features, showcasing DOM manipulation, event handling, and promises. Sumeet introduced Firebase, helping students set up accounts, create projects, use Firebase authentication, and begin Firestore.

Day 2 was led by **Niyati Gaonkar** (TE-INFT) and **Dhruva Chaudhari** (TE-CMPN) which focused on project development, database connectivity, authentication integration, and even

adding a speech-to-text feature. The workshop concluded with guidance on hosting projects on Firebase for easy access via URL. The workshop saw enthusiastic participation from student across various branches.

The workshop's success was evident as all participants completed the project and found the experience enjoyable. Students left with valuable practical skills and knowledge in JavaScript and Firebase for web development.



(L-R): **Speakers of the event, Simran Ahuja** (TE-CMPN), **Shivani Nikam** (TE-INFT), **Sumeet Singh** (TE-INFT), **Dhruva Chaudhari** (TE-CMPN) and **Niyati Gaonkar** (TE-INFT)

# Diving into the UI/UX World

~Nikunj Pal

In collaboration with **Friends of Figma**, a transformative workshop on '**User Interface and User Experience (UI/UX)**' for beginners took place on the 12th and 13th of September, 2023 organized by IEEE-VESIT. This event was a beacon of opportunity for those eager to explore the captivating world of UI/UX design. Held in room B52 from 3:00 pm to 5:00 pm, this workshop was meticulously planned to provide participants with a comprehensive understanding of the fundamental principles of UI/UX design.

Over the course of two days, the event spanned a total of 5 hours and 30 minutes. On the first day, **Shraavani Tople** (TE-EXTC) initiated the journey with an insightful "Introduction to UI/UX." Shraavani brought her expertise to the forefront,

unraveling the mysteries of user interface and user experience design for the eager participants.



**Students learning the UI/UX Designing**

The second segment of day one featured a distinguished speaker, **Aditri Vishwas** (TE-EXTC).

Aditri's sessions covered the "Basics of Figma," and delved into topics like bar animation, and splash screen design. Her contribution extended into day two, ensuring that participants had ample time to grasp these essential elements of UI/UX.

Day two was equally enriching, featuring a dynamic duo of speakers from the IT/D15A department. **Sneha Sumbe** (TE-INFT) led a captivating session on "Horizontal Scrolling Animation," providing valuable insights into creating interactive and engaging user interfaces. Following this, **Shamaila Ansari** (TE-INFT) took the stage with her expertise in "Color Changing Button Animation," demonstrating how subtle yet impactful color transitions can enhance the user experience.



The event culminated with **Vrishabh Karavde** (TE-EXTC) taking session on "Vertical Scrolling and Prototyping." Vrishabh equipped participants with practical knowledge and skills to craft user-friendly interfaces that are both engaging and functional.

With an impressive turnout of more than 80 participants, this workshop created a vibrant learning environment. Students not only learned the basics of UI/UX but also had the unique opportunity to put their newfound knowledge to the test by creating a basic socializing application

featuring various animations. It was a hands-on experience that allowed participants to leave the event with a solid foundation in UI/UX design principles, poised to embark on their creative journeys in the world of user interface and user experience.

## Cloning the Student Saviour

~Meghna John

**I**SA-VESIT conducted a workshop with the express purpose of elucidating the development of a 'ChatGPT clone' through the utilization of Django and the Hugging Face API on 17th September 2023. This workshop was conducted in two segments, where **Om Shetye** (TE-EXTC) guided for first part.

Illuminating the pivotal role played by HTTP as the universal language of the web, facilitating the exchange of information through the mechanism of requests and responses.

The zenith of Part 1 was the exposition of the Model-View-Template (MVT) architectural paradigm. This construct, akin to a structural framework, emerged as a foundational scaffold within Django, rendering its abstract underpinnings more tangible.

Subsequently, the workshop embarked on an inquiry into the domain of APIs (Application Programming Interfaces). Om Shetye and **Sujal**

**Sawdekar** (TE-INFT) elucidated their role as intermediary agents, facilitating interactions between disparate software components. The audience gained a profound appreciation for the instrumental role that APIs would assume in the construction of our ChatGPT project.

**Anushka Shirode** (TE-CMPN) then led the exploration into the domain of the Hugging Face API. A gleaming insight into its utility as a facilitator of text manipulation through artificial intelligence. Demonstrating its integration within the Django project, thereby demystifying the process.

The Django framework, MVT architectural paradigm, web development, and the Hugging Face API ceased to be enigmatic constructs, assuming the character of wieldable tools. The "ChatGPT Clone Workshop" was a successful event with enthusiastic participants.



(L-R): Speakers of the event, **Anushka Shirode** (TE-CMPN), **Sujal Sawdekar** (TE-INFT), **Om Shetye** (TE-EXTC), and **Vishakha Singh** (TE-CMPN)

## Bringing Virtual Vision to Life

~ Joanna Sanju

**I**STE-VESIT commenced its first offline workshop 'Pixel to Reality' of the academic year 2023-24, which was a two-day long workshop conducted on 24th and 25th August, 2023. The theme of the workshop was **Game Development using Meta SparkAR**. Participants were given insights into the game development world and augmented reality briefly. Speakers also guided them to curate two individual games. The workshop was held in two different classes from 3pm-5pm each day in B51, B52. There were in total more than 270 registered participants for the workshop.

The first day of the workshop was commenced by Jr. Public Relations Officers, **Adheeti Dalal** (TE-EXTC) and **Kinjala Ahuja** (TE-CMPN) with the welcome note and introductory speech in room B51 and B52 respectively. Further, the workshop was led by Executive Secretary of ISTE-VESIT, **Shashwat Tripathi** (TE-INFT) and Jr. Technical Officers, **Abhinaya Danda** (TE-INFT), **Nilesh Balotiya** (TE-INFT), and **Susmita Santi** (TE-INFT) in rooms B52 and B51 respectively, in pairs.

The speakers started the session with an explanation describing the flow of the workshop, all the necessary installations and procedures. This was followed by an introduction to game development, AR and its applications via presentation. The session then moved on to its main element, which was developing a game through Meta SparkAR. Participants were successfully guided to develop a

full-fledged game on the first day, which was Flappy Bird.

Building on the momentum from day 1, the second day also experienced a highly promising beginning. The participants were eager to discover more about the domain and applications based on augmented reality.



Hosts leading the audience

For the second day, to carry forward the workshop, the speakers were, Jr. Technical Officers- **Aum Kulkarni** (TE-AIDS), **Rishabh Gupta** (TE-AIDS), **Ruchir Jain** (TE-CMPN), and **Nilesh Balotiya** (TE-INFT) as pairs in B51 and B52 respectively. After having a brief dive into the further functionalities of Augmented Reality, the speakers moved on to develop participants another fun yet knowledgeable game named Fruit Mania. The speakers made sure to make participants understand the Platform of Meta SparkAR and ignited a spark in participants taking heart to explore more in the field of game development and

augmented reality.

At the end of the workshop, feedback forms were shared which were flooded with positive and constructive responses. Across the entirety of the workshop, the entire ISTE-VESIT council gave a helping hand to the speakers by solving doubts of the attendees and managing the workshop to sail through smoothly.



(Top-Bottom, L-R): Speakers of the workshop- **Pixel to Reality**, **Adheeti Dalal** (TE-EXTC), **Kinjala Ahuja** (TE-CMPN), **Shashwat Tripathi** (TE-INFT), **Abhinaya Danda** (TE-INFT), **Nilesh Balotiya** (TE-INFT), **Susmita Santi** (TE-INFT), **Aum Kulkarni** (TE-AIDS), **Rishabh Gupta** (TE-AIDS), and **Ruchir Jain** (TE-CMPN)

## Exploring Hackathons with ISTE-VESIT

~ Brijesh Sharma

**O**n 11 September 2023, ISTE-VESIT (Indian Society for Technical Education) hosted a captivating event at the Auditorium,

aptly named 'Hack-A-Talk', starting at 3 p.m. This session served as a remarkable platform for hackathon enthusiasts, open to all, who are eager

to delve into the world of competitive innovation. The event was skillfully hosted by the Junior Public Relations Officer at ISTE-VESIT, **Kinjala Ahuja**



(TE-CMPN). Its primary goal was to shed light on the fascinating realm of hackathons, inspiring participants to embrace these intellectually stimulating competitions.

The seminar showcased four distinguished speakers, each with an impressive background in hackathons. Senior Technical Officer at ISTE-VESIT, and a seasoned Nomura professional, **Sarvesh Patil** (BE-INFT), initiated the event. He shared valuable insights into hackathons, including strategies for tackling on-the-spot problem statements and his personal journey to numerous hackathon victories. Following him, another Senior Technical Officer at ISTE-VESIT, also associated with Nomura and a finalist at ETH India, **Hrishikesh Patil** (BE-INFT), shared his experiences from hackathons like Kakushin Nomura and Ethos. He emphasized the perks of participation, from enticing goodies to sumptuous food and luxurious stay arrangements available in the Hackathons.

Then, **Ms. Mrunmayee Waingankar** (Batch of 2023, Department of Computer Engineering), the Chief Executive Officer of ISTE-VESIT 2022-2023, a Nomura professional, and a Smart India Hackathon winner, offered her own insights and valuable advice on hackathon preparation. **Ms.**

**Gauri Mahajan** (Batch of 2023, Department of Computer Engineering), Chief Operations Officer of ISTE-VESIT 2022-2023, placed at JP Morgan, sent a motivating video message, sharing her enthusiasm and guiding the future programmers. The speakers' experiences left a profound impact, inspiring participants to explore the hackathon world and nurture their innovative potential. Throughout the event, attendees gained insights and were encouraged to actively participate. The session concluded with a heartfelt vote of thanks to all, for their enthusiasm and valuable time.



Poster of the event



Speakers of the event: Sarvesh Patil (BE-INFT), Hrishikesh Patil (BE-INFT), Gauri Mahajan (Batch of 2023, Department of Computer Engineering), and Ms. Mrunmayee Waingankar (Batch of 2023, Department of Computer Engineering)



Speakers imparting their knowledge to the keen participants

## VESIT EMBRACES NEP 2020 REFORMS

~ Dr. T. Rajani Mangala (Professor, Department of Electronics Engineering)

In this quarter, our focus revolves around a compelling theme: the **National Education Policy (NEP)** of 2020 and its impact on Indian engineering education. Before we delve into the intricacies of NEP 2020 and its implications for VESIT, let's take a broader look at how the implementation of this policy has unfolded on a national scale within the realm of engineering education. To comprehensively understand this landscape, we will explore the transformative measures that have been taken to integrate NEP 2020 into the fabric of Indian engineering institutions. This overview will serve as a foundation for a more in-depth examination of the specific adaptations and innovations that VESIT has embraced in alignment with the overarching objectives of the NEP.

### A brief history of NEP in the perspective of Engineering:

**1947-1968: Foundational Years** In the post-independence period, India laid the groundwork for technical education, focusing on establishing a robust foundation. Key initiatives included the creation of the Indian Institutes of Technology (IITs) in the 1950s, signalling a commitment to high-quality engineering education. However, the expansion of technical education faced challenges due to limited resources and a developing infrastructure. The nation grappled with the task of meeting the increasing demand for skilled professionals while navigating the complexities of building a nascent educational system.

**1968-1986: Kothari Commission and Expansion** The Kothari Commission in 1968 marked a pivotal moment, advocating a comprehensive transformation of the education system. It emphasised the need for a flexible and dynamic curriculum to align with societal needs. This period witnessed a shift towards fostering research in engineering institutions, emphasising innovation

and technological advancements. As the sector expanded, the challenge was not only to increase capacity but also to ensure the relevance and adaptability of engineering education in a rapidly evolving global landscape.

### 1986-1992: New Education Policy

The New Education Policy of 1986 sought to address the shortcomings in the education system, with a particular focus on engineering education. Reforms were implemented to modernise and globalise technical education. Quality enhancement became a priority, leading to the introduction of accreditation processes and the establishment of the National Board of Accreditation (NBA). These initiatives aimed to elevate the standard of engineering education in the country and prepare students for a competitive and dynamic professional environment.

### 1992-2020: AICTE Regulation and Growth

The All India Council for Technical Education (AICTE) played a pivotal role in regulating engineering education during this period. Formulating guidelines for curriculum development, faculty recruitment, and infrastructure standards, the AICTE aimed to ensure consistency and quality across engineering institutions. The proliferation of private engineering colleges contributed significantly to the growth of technical education. Emphasis on skill development within curricula reflected a shift towards aligning education with the evolving demands of the industry. The famous JEE and AIEEE at the National Level and the State Level Engineering Entrance Examinations (SLEEE) for State Level Institutions were started.

### 2020: National Education Policy Overhaul

The National Education Policy of 2020 marked a paradigm shift in India's approach to education, including engineering. With a vision for flexibility, multidisciplinary, and innovation, the policy

aimed to transform the education landscape. Advocating for a holistic approach, it encouraged students to explore diverse subjects beyond their core engineering discipline. The policy envisioned a stronger collaboration between academia and industry to equip engineering graduates with the skills required in the contemporary job market, reflecting a forward-looking and adaptive stance towards the future of technical education in India. The 5+3+3+4 pattern of study was adapted, against the 10+2+4 pattern followed up till now.

### Unique features of NEP 2020

The National Education Policy (NEP) 2020 introduces a groundbreaking framework for a four-year multidisciplinary engineering curriculum, emphasising flexibility and a holistic approach to education. Unique features of this framework are:

- i. The flexibility to move from one discipline of study to another.
- ii. The opportunity for learners to choose the courses of their interest in all disciplines.
- iii. The multiple entry and exit options with the award of UG certificate/ UG diploma/ or three-year degree depending upon the number of credits secured.
- iv. The flexibility for learners to move from one institution to another to enable them to have multi and/or interdisciplinary learning.
- v. Mandatory One Semester Internship/ On Job Training (OJT).
- vi. Provision of Vocational and Skill Enhancement Courses (VSEC), Indian Knowledge System (IKS), Community Engagement Project (CEP)/Field Project (FP) in Major Discipline Degree.
- vii. Horizontal and Vertical mobility with multiple entry and exit options at each Level.
- viii. Provision of NSQF (National Skills Qualifications Framework) compliant Skill-based Courses and internships for Exits at different Levels.
- ix. Credits for Co-curricular and Extra-Curricular Activities as Curricular activities besides provision



of credits for the Ability Enhancement Courses (AEC) and Value Education Courses (VEC).

x. Interdisciplinary or Multidisciplinary education through Single and Double Minors and Open Electives (OE).

xi. The flexibility to switch to alternative modes of learning (offline, ODL, and Online learning, and hybrid modes of learning)

Recognizing the virtues embedded within the National Education Policy (NEP) of 2020, VESIT Institute of Technology (VESIT) has undertaken a conscientious commitment to align its academic practices with the principles outlined in the policy. One of the pivotal areas undergoing adaptation is the structure of the credits offered within the four-year engineering degree program. By aligning with the principles of the NEP and adapting the credits offered in the four-year engineering degree program, VESIT is not only embracing change but also fostering an environment that encourages continuous learning, innovation, and the holistic development of its students. This strategic move positions VESIT at the forefront of educational excellence, preparing its graduates to navigate the dynamic landscape of the modern engineering industry with confidence and competence.

#### Proposed Distribution of Credits for Four-Year Bachelor's Degree:

##### (a) Major (Core) Subject comprising Mandatory and Elective Courses:

- These are the mandatory Courses offered in all Four years
- Elective courses of Major will be offered in the third and/or final year.

##### (b) Compulsory Multidisciplinary Minor Subject: 14 Credits

- The Minor subjects may be from the different disciplines of the Engineering faculty, or they can be from different faculty altogether.
- The credits of compulsory Minor subjects shall be completed from the second year to the final year of the UG Programme

##### (c) Generic/ Open Elective Courses (OE): 08 credits

- It is to be offered in Second and/or Third year
- OE is to be chosen compulsorily from faculty other than that of the Major Discipline.

##### (d) Vocational and Skill Enhancement Courses (VSEC): 08 credits

Vocational Skill Courses (VSC): 04 credits,

- These course include hands on training corresponding to the Major and/or Minor Subject to

be offered in first three years

##### (e) Ability Enhancement Courses (AEC), Indian Knowledge System (IKS) and Value Education Courses (VEC): 10 Credits

AEC: 04 credits

- The courses under AEC will be offered in First and Second year

IKS: 02 Credits

- The courses under IKS will be offered in First Year.

VEC: 04 Credits

- The courses under VEC will be offered in Second year

##### (f) Field Projects/ Internship/ Apprenticeship/ Community Engagement Projects corresponding to the Major (Core) Subject, Co-curricular Courses (CC):

Component	Credits
Major (Core) Subject	Minimum 50% of total credits
Compulsory Multidisciplinary Minor	14 Credits
Generic/Open Elective Courses (OE)	8 Credits
Vocational and Skill Enhancement (VSEC)	8 Credits (4 VSC + 4 SEC)
AEC, IKS, and VEC	10 Credits (4 AEC + 2 IKS + 4 VEC)
Field Projects/Internship/Community Engagement	12 Credits
Co-curricular Courses (CC)	4 Credits (First year)
Additional Credits for Specializations	18-20 Credits
Honours with Research	Minimum 18 Credits

#### Proposed Distribution of Credits for Four-Year Bachelor's Degree:

##### Internship/Apprenticeship corresponding to the Major (Core) Subject: 12 Credits.

- Credits for internship shall be one credit per two weeks of internship. The internship shall be monitored jointly by the faculty and Industry/Organisation Mentor.

##### Field Projects/Community Engagement Projects corresponding to the Major (Core)

Subject: minimum 02 credits

**Field Projects:** To be offered in the Second year of UG Degree Programmes. 30 hours of learning activities per credit in a semester is required.

**Co-curricular Courses (CC):** 04 credits

- The courses under CC will be offered in First Year.

##### (g) Additional Credits for Bachelor's Degree-with Double Minor OR Honours: 18 credits

- These are additional credits to be offered from the second and third year and will be offered as an option to students.

##### (h) Additional Credits for Bachelor's Degree-Honours with Research: Minimum 18 Credits

- These are additional credits to be offered in the final year and will be offered as an option to students. Students will have the flexibility to enter a programme in odd semesters and exit a programme after the successful completion of even semesters as per their future career needs. Thus, comes in the option of

##### Multiple Exits

- Students exiting the First Year programme after securing minimum 40 credits will be awarded UG Certificate in the relevant Discipline /Subject provided they secure 8 credits in work-based vocational courses or internship / Apprenticeship offered during summer vacation in addition to 4 credits from skill-based courses earned during the first and second semester.

- Students exiting the Second Year Programme after securing minimum 80 credits will be awarded UG Diploma in the relevant Discipline Subject provided they secure additional 8 credits in skill-based vocational courses (skill-based courses, internship, mini projects etc) offered during summer vacation after the second year.

- Students exiting the 3-year UG program will be awarded B.Voc. in the relevant Discipline/ Subject upon securing minimum 120 credits with additional 8 credits in skill-based vocational courses (skill-based courses, internship, mini projects etc.) offered during summer vacation after the sixth semester. Exit options shall be provided with Certification, Diploma and B. Vocational degrees to the students at the end of the second, fourth and sixth semester, respectively, in the four-

year degree programme.

- Students will receive a Bachelor's degree with the single minor on successfully completing all eight semesters of the UG Programmes either at a stretch or with opted exits and re-entries. In addition to this, students will receive a Bachelor's degree with Double Minor/Honours/ Research subject to earning additional 18 credits.

##### Re-entry or Lateral Entry:

- Students, opting for exits at any level, will have the option to re-enter the programme from where they had left off, in the same or in a different higher education institution within four years of exit and complete the degree programme within the stipulated maximum period of eight years from the date of admission to first year UG.

- Re-entry at various levels for lateral entrants in academic programmes shall be based on the earned and valid credits as-deposited and accumulated in the Academic Bank of Credits (ABC) through Registered Higher & Technical Education Institutions (RHTEI) and proficiency test records.
- Lateral entry into the programme of study leading to the UG Diploma/ B. Vocational/ UG Bachelor's Degree with single minor/ UG Bachelor's Degree with Double Minor/ Honours /Research will be based on the validation of prior learning outcomes achieved and subject to availability based on intake capacity.

##### Eligibility for admission to the UG Bachelor's Degree with Double Minor/Honours /Research as per UGC guidelines:

- Minimum CGPA/CPI of 7.5 or minimum 75% after second semester for UG Bachelor's Degree with Double Minor/ Honours and Minimum CGPA/CPI of 7.5 or minimum 75% after sixth semester for UG Bachelor's Degree with Research.

The National Education Policy (NEP) of 2020 has ushered in a transformative era for Indian engineering education, propelling institutions like VESIT to restructure their academic frameworks. By embracing the NEP's multidisciplinary, flexible, and innovation-focused approach, VESIT is not only adapting its credit distribution but also cultivating an environment that fosters continuous learning and holistic student development. The proposed credit distribution, with options for multiple exits, re-entries, and specialisations, reflects a commitment to personalised education and aligns with the dynamic needs of the modern engineering industry. VESIT's conscientious alignment with NEP 2020 positions it as a forward-thinking institution, poised to produce graduates equipped for success in the evolving landscape of technical education in India.



## EXTRACURRICULARS

# Independence Day Celebration at VESIT

~ Nikunj Pal

On the 11th August, 2023, the VES Institute of Technology (VESIT) brought together a diverse gathering of individuals in the grand setting of the college auditorium. The occasion was the **commemoration of India's 76th Independence Day**, a day steeped in history and patriotism. The event was organized by the Cultural Council and VESIT Music Council, with the aim of instilling a sense of nationalism and paying tribute to the nation's hard-fought freedom struggle.



Principal Dr J.M. Nair (Principal, VESIT) lighting the soulful song ceremonial lamp

Among the distinguished guests present at this event were **Dr. J. M. Nair** (Principal, VESIT), whose leadership and vision continue to guide VESIT towards excellence, and **Mrs. M. Vijayalakshmi** (Vice Principal, VESIT), whose support and dedication to the institution are truly commendable. Additionally, the presence of esteemed faculty members such as **Dr. Nandani Ammanagi** (Assistant Professor, Department of Electronics and Telecommunications Engineering), **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering), and **Mr. Prasad Godse** (Assistant Professor, Department of Instrumentation Engineering) added a sense of gravitas to the gathering.

**Soham Shetye** (TE-INFT) and **Aryan**

**Raje** (TE-CMPN) took on the role of hosts for this special event, skillfully steering the proceedings. The event commenced with the ceremonial lighting of the lamp, symbolizing the dispelling of darkness and the emergence of knowledge. This was followed by a heartwarming Ganesh Vandana performance by **Arya Raje** (TE-CMPN) and **Parnika Uparkar** (SE-ECS), setting a spiritual and harmonious tone for the event.



(L-R): Faculty members- **Dr. Nandani Ammanagi** (Assistant Professor, Department of Electronics and Telecommunications Engineering), **Mr. Prasad Godse** (Assistant Professor, Department of Instrumentation Engineering), and **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering)

The program was a tapestry of diverse performances that paid tribute to India's rich cultural heritage and the sacrifices made during the struggle for independence. Notable among these was a song co-written by **Prasad Godase and Prashant Kanade**, which resonated with the audience. **Kapil Bodas** (TE-AIDS) delivered a moving solo song, evoking emotions and memories of the freedom struggle. Second-year students performed a patriotic dance that celebrated the spirit of India.

**Akruti Dabas** (SE-INFT) delivered an engaging speech that shed light on the significance of Independence Day and the importance of

preserving and upholding the values of our nation. **Shraeya Dhaigude** (SE-INFT) recited a thought-provoking poem that touched on themes of freedom and unity. **Sanika Rane** (TE-INFT) delivered an inspiring speech, emphasizing the importance of patriotism and unity in the progress of our nation.



A glimpse from the drama - Swatanrya - Teen

The VESIT Music Council's performance, titled "Vivekini," celebrated the unity of different musical elements, showcasing the power of harmony. A stirring band performance by VMC members further ignited a sense of national pride and solidarity among the audience.

The drama community presented a thought-provoking drama titled "Swatanrya- Teen Pehlu," which explored the perspectives of three generations on independence and the struggles faced by the families of freedom fighters. This unique presentation added depth and historical context to the event.

The program concluded with the singing of the Maharashtra Geet and the National Anthem, reminding everyone of the importance of unity and patriotism.

## Familiarizing with FEs

~Anish Padhye

On the 24th and 28th of August, VESITConnect organized an **Induction program** for first-year students to introduce them to our college and the various other activities and councils of the college. The event was attended by **Mr. Nagananda. A** (Chief Editor, VESITConnect), and the students of all the departments. The departments were divided as - CMPN and INFT on the first day. The second day was host to the departments of EXTC, AIDS, ECS, and AURO.



FEs attending the induction programme

The Induction on each day commenced with the opening speech of Student Chief Editor of VESITConnect, **Gaurang Desai** (Student Chief Editor, VESITConnect), which was followed by all other societies and councils of the college.

At first, the technical societies namely CSI (Computer Society of India), IEEE (Indian Institute of Electronics and Electrical Engineers), ISTE (Indian Society for Technical Education and ISA (International Association of Automation) gave their presentations about what they do, how they implement various technical aspects into real life and what they have to offer to the FEs. The organizers VESITConnect introduced themselves afterwards and entertained the audience with impressive speeches. The Circles of the college commenced their presentations starting with VESLang who took interactive games with the FEs, VESIT Photo Circle impressed everyone with their mesmerizing photos and videos. VESLit concluded the Circles' presentations by showcasing their accolades outside of the college.

The much-awaited Council presentations were scheduled at the last. The SoRT (Social Responsibility Team) Council began the presentation by illustrating their social work and events

To the FEs. Following SoRT, VMC (VESIT Music Council) captured the audience's attention with their blissful beats. The Sports Council raised the hype with their energetic presentation about how they inculcate sports into the students' hectic

lives. At last, the Cultural Council of the college concluded the event by giving a brief overview of all the mega events conducted by them.

The Induction ended with high anticipation of the FEs about what college life has to offer for them. The event was a grand success and everybody enjoyed it to the fullest. The FEs were seen asking the seniors about the events and activities, which showcased the impact of the Induction program on the students.



Councils, Circles, and Societies presenting to the FEs



# A Glorious Start to the Academic Year

~ Vinayak Panchal

**P**arambh '23, the annual cultural extravaganza of Vivekanand Education Society's Institute of Technology (VESIT), was nothing short of spectacular. Spanning from 3rd September to 14th September for its pre-events and culminating on 15th September. Prarambh '23 celebrated the talents and spirit of the vibrant student community at VESIT. Held at the enchanting amphitheater, the event brought together students, faculty, and staff for a memorable journey of creativity.

The event was graced by distinguished faculty members, including **Dr. Nandini Ammanagi** (Assistant Professor, Department of Electronics and Telecommunication Engineering), **Dr. Rohini Temkar** (Assistant Professor, Department of Computer Engineering), **Mr. Prasad Godse** (Assistant Professor, Department of Automation and Robotics Engineering), **Dr. Vivek Umrikar** (Head of the Humanities & Applied Science Department), and **Dr. Manoj Sabnis** (Dean, Student Affairs). Their presence added prestige and inspiration to the festivities.

The event was skillfully hosted by a team of enthusiastic students, including **Swayam Gaikwad** (TE-AIDS), **Aradhya Ingle** (TE-CMPN), **Arya Raje** (TE-CMPN), **Soham Shetye** (TE-INFT), **Soham Tawade** (TE-CMPN), **Shreyas Patil** (TE-AIDS), and **Ajay Iyer** (TE-CMPN).

Pre-events played a crucial role in shaping the scoreboard for the main events at Prarambh. The Interclass Challenge saw D1ADB emerging as winners, while D2B, D4B, and D1ADA secured runner-up positions. The subsequent **Meme Challenge** comprised three rounds, with D5A claiming victory and D2A as the runner-up.

**Promomania** and **VlogVenture** showcased creative prowess, with D3 clinching both victories and D2A and D5D securing runner-up positions. **Conclurizz**, a storytelling event, saw D5A triumphing, and D1ADB as the runner-up. In the **Debate**, D5C emerged victorious with D2B as the runner-up, featuring rounds in Oxford and parliamentary styles.

The **Music Video competition** highlighted D5A as the winners, while D5B secured the second position. **Moodboard** and **Collage events**

celebrated artistic expressions, with D2B winning Moodboard and D4B as the runner-up, while D5A triumphed in Collage, with D1ADA securing second place. Spoof It, a comical remake event, was claimed by D3, with D5A securing the second spot.

The highly anticipated **Treasure Hunt** was conquered by D2C, and D1ADA secured the runner-up position. **Fandom Buzz**, testing fan knowledge, crowned D2B as winners and D4B as the runner-ups. These diverse events added vibrancy to Prarambh, showcasing the talents and creativity of the participating classes.

Prarambh '23 featured a plethora of exciting competitions and activities, showcasing the multifaceted talents of VESIT's students. Here are some of the highlights:

**Artist Assemble:** This event allowed first-year students to showcase their talents, with performances lasting 4-5 minutes each. The panel of judges, including Sejal Bishoyi (BE-ETRX), Niraj Divekar (BE-EXTC), and Urvi Pandit (BE-INFT), had the challenging task of evaluating the exceptional talents on display.



**Winner of the Artist Assemble receiving the prize**

**Mr. and Ms. Fresher:** The competition was a thrilling affair, divided into three segments: introduction and talent round, challenge round, and Q&A round. The reigning Mr. and Ms. Fresher, Noel Dason (BE-INFT), and Madhura Mhatre (BE-CMPN) had the honor of judging the event and crowning their successors Mr. Fresher, Ryan D'souza (FE-CMPN) and Ms. Fresher, Kamy Gupta (FE-ECS) and the runner-up Mr. Fresher Abhijay Das (FE-INFT) and Ms. Fresher, Ushma Sukhwani (FE-CMPN).

**Group Dance:** A total of 11 classes participated, forming groups of up to 12 students

each. The event was judged by Harshali Gawade (BE-AURO) and Sheetal Dixit (BE-AIDS), who had the unenviable task of selecting the best performance.



**Winner of Mr. and Mrs. Fresher 2023 with judges**



**Student performing in group dance activity**

**Best Class of the Year:** The prestigious title of Best Class of 2023 was awarded to D5A, with D1EC being recognized as the Runner Up Best Class of 2023. This accolade celebrates not only academic excellence but also the overall spirit and unity of the classes.



**Best class - D5A receiving the grand prize**

Prarambh '23 commenced with a grand inauguration, as the lamp was lit by esteemed Cultural Incharges and Dr. Manoj Sabnis and **Dr. Vivek Umrikar** (Head, Department of Humanities and Applied Science). The event concluded with heartfelt gratitude to all participants, supporters, and dedicated faculty. The DJ's beats provided a memorable finale. Prarambh '23 celebrated talent and college unity, showcasing students' potential, and exciting journey ahead.

# BLISS Swarotsav : A Musical Celebration

~ Nikunj Pal

**T**he VES Institute of Technology recently held a one-day showcase event, 'BLISS' to welcome and introduce the newly admitted First-Year Engineering (FE) students to the vibrant music culture and talent within the college. This event, which took place on the 14th September was a mesmerizing journey into the world of music, creativity, and artistic expression. The VES auditorium was the perfect setting for this musical extravaganza.

The event was graced by the esteemed presence of **Aniruddha Mestry**, an alumnus of VESIT, and a prominent musician who has made his mark in the world of music. As the chief guest, his contribution added a touch of nostalgia and inspiration to the event, underscoring the rich musical legacy of the institution.

The theme for this year's BLISS was "**Swarotsav - Festival of Music.**" The choice of theme was reflected in the event's aesthetics and decor, creating an ambiance that was a treat for the eyes and ears. The event was hosted by **Aryan Raje** (TE-CMPN), **Shreyas Akmanchi** (SE-EXTC), and **Shraeyaa Dhaigude** (SE-INFT), who brought their

unique energy and charm to the stage.

The event commenced with a soulful "Ganesh Vandana" performed by the college band, setting the tone for a day filled with melodious moments. Participants had the freedom to showcase their talents either in as solo or by forming their bands, resulting in a diverse and captivating array of performances throughout the event.



**Chief Guest- Aniruddha Mestry (Batch of 2023, Department of Instrumentation Engineering)**

The highlight of the event was the enthralling Shri Ganesh songs, which resonated with the audience, leaving them in awe of the

musical talent on display. As the event drew to a close, it culminated in a melodious special performance by the guest of the day, Aniruddha Mestry, who not only enchanted the audience with his music but also shared a heartfelt message with all the juniors, inspiring them to pursue their passions in the world of music.



**Glimpse of performance of the College Band**

In total, the event featured an impressive 13 performances, each contributing to a jam-packed auditorium where the audience reveled in the harmonious atmosphere. The success of BLISS would not have been possible without the dedication and talent of the participating students, whose names deserve recognition: Prajakta Upadhye (TE-INFT), Chinmay Desai (SE-CMPN), Vivek V. (SE-CMPN), Madhura Golatkar (SE-



CMPN), Aditya Mohapatra (SE-ECS), Deeksha Singh (SE-AURO), Nishant Mohan (SE-AURO), Sejal Khobragade (SE-AIDS), Shraeya Dhaigude (SE-INFT), Mohit Patil (SE-INFT), Krisha Darji (SE-EXTC), Vaishali Sen (TE-AIDS), Arin

Choudhary (TE-AIDS), Vedant Patil (TE-EXTC), Shlok Yadav (SE-AIDS), Sujal Shirke (TE-INST), Disha Vishwakarma (SE-EXTC), Kshitij Shidore (BE-AIDS), Aryan Raje (TE-CMPN), Urvi Pandit (BE-INFT), Manav Tanna (BE-INFT), Abhishek

Mokal (BE-EXTC), and Arunim Chakraborty (BE-AIDS). Their collective efforts ensured that BLISS was a resounding success, leaving everyone in attendance with cherished memories of a day filled with music, harmony, and camaraderie.

## VESITians Showcasing Sportsmanship

~Riya Varyani

**V**ESIT Futsal League was organized by the college's sports council. This event was held on 10th August 2023 - 11th August 2023 and 17th August 2023-18th August 2023 at VES Academy Turf. The staff coordinators of this event were **Dr. Ramesh Solanki** (Assistant Professor, Department of Master of Computer Applications), **Mrs. Kajal Jewani** (Assistant Professor, Department of Information Technology), and **Mr. Mahesh Singh** (Assistant Professor, Department of Humanities and Applied Sciences). Futsal offers a great platform for sports enthusiasts of our college to showcase their skills and sportsmanship through football. 4 groups were formed and each group had 3 teams therefore total of 12 teams competed for the title. The formation of the team was done by the Captain, with the condition of having 3 players from different branches. The format of this League was the tournament was played by two teams of eight players each with five playing in and three as substitutes.

The main aim of these football matches was to promote fitness, teamwork, and sportsmanship. It builds community, enhances college spirit, and

fosters leadership. Simultaneously, the game aims to cultivate rapid decision-making, precise passing, and agile ball control, fostering both strategic intelligence and refined technical abilities among players. **The winner of this tournament was AL VESIT FC, the captain of this team was Arjun Silwal (SE-INFT) and 1st runner-up was GULLIT, the captain of GULLIT was Aniket Mahajan (TE-INFT). Player of the Tournament and the Goal of Tournament both the titles were secured by Arjun Silwal. The best Goalkeeper was Sahil Gupta (TE-AIDS).**



(L-R): Soumil Tawde, Manas Mahajan (TE-AIDS), Aniket Mahajan (TE-INFT), Sahil Gupta (TE-AIDS), Ajay Madhavan (TE-AIDS), Soham Shetye (TE-INFT)



**Dr. Ramesh Solanki** (Assistant Professor, Master of Computer Applications), **Mrs. Kajal Jewani** (Assistant Professor, INFT Department), and **Mr. Mahesh Singh** (Assistant Professor, Humanities and Applied Sciences)



(Top-Bottom, L-R): Ansh Sarfare (SE-INFT), Jayank Karkera (SE-INFT), Dakshesh Sharma (SE-INFT), Nitish Bhosale (SE-INFT), Arjun Silwal (SE-INFT), Varun Bodhani (SE-CMPN), Aryan Saraf (SE-INFT), and Piyush Patil (SE-AIDS)

## Gaming Extravaganza by IEEE

~Brijesh Sharma

**I**EEE-VESIT (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS) along with the **HP Laptops** organized the 'Omen Valorant Campus Quest', a gaming event for marketing the HP Omen Laptops. The event was conducted in room B22 on 11 and 12 September 2023. The event was conducted for 5 hours on 11 September and 6 hours on 12 September, leading the total hours to be 11 hours. For the event, HP Laptops provided 6 Gaming HP Omen Laptops with mouses and headsets. The games included Valorant, CSGO, Asphalt, and Tekken 8.

Over 216 participants from all the years took part in the event and enjoyed the games offered in the event. Also, a leaderboard was maintained by the representatives from HP Laptops and winners were awarded with coupons and vouchers. The winners

of the event were **Swayam Lute** (FE-EXTC), **Prajwal Patil** (BE-INSTRU), **Mohit Chawla** (FE-CMPN), and **Lokesh Somaiya** (FE-ECS).



Poster of the event



(Top-Bottom, L-R): Winners of the event, **Swayam Lute** (FE-EXTC), **Prajwal Patil** (BE-INSTRU), **Mohit Chawla** (FE-CMPN), and **Lokesh Somaiya** (FE-ECS)

## Inspiring Debates on Technology

~ Vinit Solanki

**T**he 'ISAxVESLit: Ctrl-Alt-Debate' debate competition was organized by **ISA-VESIT** in collaboration with **VESLit Circle** at Vivekanand Education Society's Institute of Technology on the 14th September 2023. The central theme for this event was "Technology." The competition, which took place from 2:00 PM in the Language Lab (CA3), attracted a total of 46 entries from VESIT students.

The competition had two cash prizes for the 1st and 2nd position. The winner of the 1st prize would receive **Rs. 1200** and the 2nd prize winner would receive **Rs. 800**.

Name of Winners:-

1st Prize- **Preetika Khilnane** (FE-CMPN) and **Alka Vishwakarma** (FE-AIDS)

2nd Prize- **Parth Wanjari** (SE-AIDS) and **Riya Shigwan** (SE-AIDS)

The judges of the events were **Noel Dason** (Student Head, VESLit Circle) (BE-INFT), and **Ananya Pandey** (Deputy Head, VESLit Circle) (BE-CMPN). They evaluated the entries based on various criteria such as creativity in the arguments, relevance to the theme and overall impact. The judges found it difficult to pick the winners as the finalists were of high quality.

The Debates conducted were structured in the Oxford style theme, comprising an introduction round, a rebuttal round, and a conclusion round. Each team consisted of two members, with one delivering the introduction and the other presenting the conclusion. In the rebuttal round, both teammates collaborated to counter arguments from the opposing team, creating an engaging exchange of ideas.

The highlight of the debate was the rebuttal round, where opponents questioned each other, sparking lively discussions. This segment allowed participants to showcase their analytical skills and quick thinking, adding an element of excitement to the event.

The competition garnered significant enthusiasm and participation, providing students with a platform to demonstrate their debating prowess while also integrating technology into the process. It was evident that students relished the opportunity to engage in intellectual discourse and hone their public speaking abilities.

Beyond its benefits for students, the competition also proved advantageous for the organizers, who demonstrated their adeptness in event planning and management. They ensured the



smooth execution of the competition, minimizing disruptions and ensuring a seamless experience for all participants.

Overall, the debate competition was a resounding success, fostering a spirit of intellectual inquiry and camaraderie among participants. It

served as a testament to the value of organized discourse and provided an enriching experience for all involved.

## VES Cha Raja

~ Avani Shetty

In a groundbreaking initiative that marked a momentous chapter in the history of the VES Campus, the **Ganeshotsav celebration** was conducted under the aegis of the VES Cha Raja committee. The event, held for the very first time at the VESIT campus, was a collaborative effort supervised by the esteemed hostel warden, **Mr. Sunil Madnani** on 18 September 2023.

At the helm of the committee's affairs were dedicated students, including **Laxman Bhojwani, Badal Kanchan, Sahil Menghani, and Yash Sarang**. Their leadership was complemented by the General Secretaries of all four colleges within the campus, representing disciplines ranging from engineering and architecture to management and pharmacy.

The festivity kicked off with a spectacular Aagman ceremony, held in the early evening hours on 18 September 2023, graced by the esteemed presence of **Dr. Anand Achari** (Principal, VESCOA) and **Shri. Suresh Malkani**, a respected trustee and VES treasurer. The day, auspiciously falling on the fourth day of the Ganeshotsav, was dedicated to the engineering college, VESIT and in the same fashion each day for every other college on the campus. The theme followed this year was **'Triumph of Chandrayaan-3'**, weaving a tapestry of dreams and aspirations under the watchful gaze of Lord Ganesh.

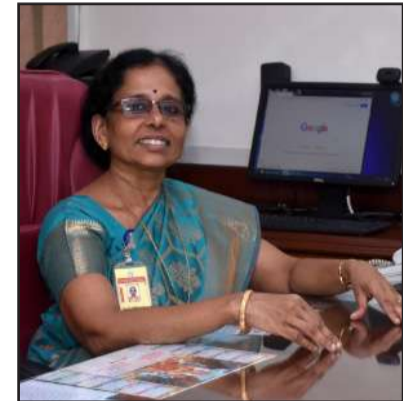


Idol of VES Cha Raja

Adding a touch of divine reverence, the aarti ceremony was conducted by none other than, **Dr. J. M. Nair** (Principal, VESIT) emphasizing the sanctity of the occasion. This gesture resonated deeply with the attendees, instilling a sense of pride and devotion among the VESIT students.

However, the celebrations were not confined to traditional rituals alone. The event was spiced up with an array of entertaining activities, marking

a departure from the norm and showcasing the inclusive spirit of the VES Campus. Notably, a standup comedy night featuring the talented **Vicky Vikas Rathod** was organized on the fourth day, leaving the audience in splits.



Dr. J. M. Nair (Principal, VESIT) conducted the aarti ceremony for VESIT

The inaugural Ganeshotsav at VES transcended mere festivity, symbolizing profound unity among students, faculty, and administration. This collaborative endeavor showcased the institution's vibrant spirit, setting a historic precedent for shared celebrations. It marked a significant milestone, emphasizing the transformative power of collective collaboration in fostering a sense of community.

## Exploring Space through Essays and Posters

~Anish Padhye

On the occasion of successful launching of **Chandrayaan-3** on 23rd August 2023, VESLit Circle had organized two fantastic competitions of **Essay Writing and Poster Making** for the students of VESIT. It was an exciting and excellent opportunity for the students to showcase their creative talents and celebrate India's monumental success with Chandrayaan-3.

It provided students with a platform to express their thoughts, ideas, insights and reflections on Chandrayaan-3 and its significance in India's scientific journey. The topic for the Essay Writing competition was **'Chandrayaan-3 - Unveiling New Frontier'**. The word limit for the essay was 800 words and the students were given 4 days to submit their final essays to VESLit Circle. The students were instructed to write their essays in a word processing software and submit it through Google forms provided along with their name and class. The topic was the same for the Poster Making competition. Both physical and digital posters were allowed for the event which thereby increased the scope of the competition. Creating a visually appealing poster highlighting India's Space accomplishments was the main objective of the competition.

For submission, a scanned copy or a high resolution photo of the poster had to be submitted through Google forms. The selected essays and posters were recognized during the Chandrayaan Mahotsav celebrations where distinguished guests

and dignitaries were present.

The winners of the competition were:

**Essay Writing Competition:**

Winner: **Akshay Nambiar** (FE-AURO)

Runner up: **Pranav Chandak** (FE-ECS)

**Poster-Making Competition:**

Winner: **Shah Faizan Mustafa** (FE-ECS)

Runner up: **Rutuja Bait** (FE-AURO) and **Pranav Chandak** (FE-ECS)



(Top-Bottom, L-R): Winners of the competitions- **Akshay Nambiar** (FE-AURO), **Pranav Chandak** (FE-ECS), **Shah Faizan Mustafa** (FE-ECS), and **Rutuja Bait** (FE-AURO)

The winners' hardwork, dedication and artistic vision truly impressed the judges and it was a difficult decision to pick only two winners for each event. Along with the celebration of Chandrayaan-3 success, the aim of the competition was to explore

the power of visual communication of the students. The event was a huge success particularly due the overwhelming response of the students.



(Top-Bottom, L-R): The winning posters of the event by the winner **Shah Faizan Mustafa** (FE-ECS), and the runner-ups **Pranav Chandak** (FE-ECS), and **Rutuja Bait** (FE-AURO)



# The Victorious Essays are: *Chandrayaan-3: Unveiling New Frontier*

In the vast expanse of the cosmos, human exploration knows no bounds. It is an inherent human desire to reach out to the stars, to unravel the mysteries of celestial bodies that have captivated our imagination for centuries. In this quest for knowledge and adventure, space agencies around the world play a pivotal role. Among them, the Indian Space Research Organisation (ISRO) stands out as a shining star in the firmament of space exploration. With each mission, ISRO pushes the boundaries of what we know, and its recent triumph, Chandrayaan-3, is a testament to its unwavering commitment to scientific excellence and innovation.

The Indian Space Research Organisation, or ISRO, has earned its reputation as a formidable player on the global stage of space exploration. Established as the national space agency of India, ISRO operates as the primary research and development arm of the Department of Space, directly overseen by the Prime Minister of India. This unique setup highlights the strategic importance of space endeavors to the nation, showcasing India's dedication to advancing its capabilities in space technology.

ISRO has consistently demonstrated its prowess by performing tasks related to space-based operations, space exploration, international space cooperation, and the development of cutting-edge technologies. What sets ISRO apart is its comprehensive capabilities – it is one of the select few government space agencies in the world with full launch capabilities, the ability to deploy cryogenic engines, launch extraterrestrial missions, and maintain a large fleet of artificial satellites. Moreover, ISRO boasts soft landing capabilities, a feat achieved by only a handful of government space agencies globally. These accomplishments underscore India's ascendancy in the realm of space exploration.

Chandrayaan-3 is the third mission in ISRO's Chandrayaan program, dedicated to lunar exploration. This mission builds upon the successes of its predecessors, Chandrayaan-1 and Chandrayaan-2, and represents a significant milestone in India's lunar journey. The mission consists of a lander named Vikram and a rover named Pragyan, similar to those deployed in the Chandrayaan-2 mission. The propulsion module carried this lander-rover configuration into lunar orbit, paving the way for a precision-powered descent by the lander.

The historic launch of Chandrayaan-3 took place on July 14, 2023. Subsequently, the spacecraft entered lunar orbit on August 5, 2023, setting the stage for a remarkable achievement. On August 23, 2023, at 12:32 UTC, Vikram, the lander, executed a textbook landing in the lunar south pole region. This momentous event marked India as the fourth nation globally to successfully land on the Moon and the first to achieve this feat near the lunar south pole. It's a testament to ISRO's dedication to pushing boundaries and exploring the uncharted.

The objectives of the Chandrayaan-3 mission encapsulate ISRO's commitment to advancing scientific understanding and exploration. These objectives include:

1. Safe Lunar Landing: The primary goal was to land the Vikram lander safely and softly on the lunar surface, a challenge that has historically proven to be fraught with difficulties.
2. Rover Exploration: Chandrayaan-3 aimed to observe and demonstrate the rover's driving capabilities on the Moon, extending our reach into the lunar terrain.
3. Material Experiments: The mission sought to conduct experiments on lunar materials to enhance our comprehension of the Moon's composition.

As of August 26, 2023, ISRO confirmed the successful accomplishment of two of these three mission objectives. Vikram's soft landing on the lunar surface was a triumphant moment, demonstrating India's engineering prowess. The rover, Pragyan, was deployed and showcased its driving capabilities, maneuvering across the cratered lunar landscape with precision.

Additionally, Chandrayaan-3 embarked on scientific investigations, providing invaluable data that deepens our knowledge of the Moon. ChaSTE (Chandra's Surface Thermophysical Experiment), an instrument onboard the lander, aimed to study the heat conductivity of the lunar surface. The results revealed a significant difference in temperatures above and below the surface, shedding light on the thermal characteristics of the lunar topsoil and subsoil near the South Pole, a direct measurement never before obtained.

Chandrayaan-3's journey has been marked by a series of groundbreaking discoveries. On August 29, 2023, ISRO made a landmark announcement regarding the detection of sulfur in the lunar surface near the south pole. This discovery, made through the laser-induced breakdown spectroscope (LIBS) instrument onboard the Pragyan rover, marked the first-ever in-situ measurement of sulfur at the lunar south pole. While the presence of sulfur on the Moon had been known previously, this was the first time it was detected at the south pole, and the direct evidence of this element had remained elusive. This finding not only expands our understanding of lunar composition but also highlights the significance of the Moon's polar regions in scientific exploration.

In addition to sulfur, Pragyan's instruments detected other elements, including aluminum, calcium, iron, chromium, titanium, manganese, silicon, and oxygen. The search for hydrogen is also ongoing, offering tantalizing possibilities for future lunar research. Chandrayaan-3's achievements have garnered international acclaim, with NASA project scientist Noah Petro describing Pragyan's findings as a "tremendous accomplishment." This collaboration and recognition underscore the global importance of space exploration, transcending national boundaries for the greater good of scientific discovery. As we celebrate ISRO's remarkable achievements with Chandrayaan-3, a poetic tribute seems fitting:

In a land where dreams take flight,  
A story of brilliance shines so bright.  
ISRO, our pride, a space organization so grand,  
With accomplishments that shape our motherland.  
From its inception, it soared with grace,  
Aiming for the stars, embracing every space.  
With hearts full of hope and minds set to explore,  
ISRO's journey, a saga of innovation galore.  
As the world watched on with curious eyes,  
ISRO took a bold step towards the skies.  
A satellite launched, a historic feat,  
In its very first attempt, victory sweet.  
Critics may have doubted, trolls may have jeered,  
But ISRO pressed on, undeterred, never veered.  
Through challenges and setbacks, it stood tall,  
Answering adversity with determination's call.  
Vikram Lander's mission, a quest for the moon,  
A challenge that would test and attune.  
Through trials and triumphs, it held its course,  
Till the lunar surface became its destined source.  
Though the journey was tough, and the path unsure,  
ISRO's spirit remained steadfast and pure.



In the face of uncertainty, it dared to believe,  
That from every setback, success it could retrieve.  
So every Indian heart swells with pride,  
For ISRO's achievements far and wide.  
A ray of progress, a symbol of might,  
A testament to what Indians are.  
Proudly united, we stand in awe,  
ISRO, the dreamer of possibilities, forever we applaud.

Congratulating the ISRO team behind the successful Chandrayaan-3 Moon Mission at ISRO Telemetry, Tracking and Command Network in Bengaluru, Prime Minister Narendra Modi announced that the touchdown point of the Vikram lander would henceforth be known as Shiv Shakti Point. He further declared August 23, the day the Vikram lander landed on the moon, as "National Space Day". In conclusion, Chandrayaan-3 is a testament to India's unwavering commitment to space exploration and scientific discovery. As we look to the future, ISRO's endeavors continue to shape our understanding of the cosmos, making India a rising star in the global space community.



Akshay Nambiar (FE-AURO)

## Chandrayaan-3: Unveiling New Frontier

Either we are alone in the universe or we are not. Both are equally terrifying", is a quote from the infamous science fiction writer, Sir Arthur Clarke. Space exploration has always fascinated scientists and researchers, for all the secrets of life and its beginning lie beneath it! Our curious minds always wonder, Is there really anyone else out there? Well, we don't have an answer to that question yet, but our efforts are gradually getting us closer to the answer. We have been doing space missions since 1961, and we have advanced quite a lot since then. One recent mission that has captured the attention of many is India's Chandrayaan-3. This ambitious project aims to explore new frontiers of the lunar surface, uncovering hidden treasures of knowledge and enabling us to delve deeper into our cosmic surroundings!

But before learning about Chandrayaan-3, let's know about its predecessors, that is, Chandrayaan 1 and 2. India's successful lunar missions, Chandrayaan-1 and Chandrayaan-2, laid the groundwork for future moon expeditions. On October 22, 2008, Chandrayaan 1 took flight from Earth, and on November 8, 2008, it was successfully injected into the lunar orbit. It was the first spacecraft to discover the presence of water ice on the lunar surface. The mission was a major boost to India's space programme, as India researched and developed indigenous technology to explore the Moon. It operated for 312 days, after which it was intentionally crashed into the grey giant as a part of the mission. Unfortunately, its successor, Chandrayaan 2, couldn't contribute much to the further exploration programme as its Vikram lander crashed when it deviated from its intended trajectory while attempting to land on September 6, 2019. But the failure didn't stop ISRO, and they worked hard on the next mission, which was the mighty Chandrayaan-3!

After about 4 years since Chandrayaan-2's landing disaster, India's most advanced lunar space shuttle was finally ready and was launched on July 14, 2023, from Satish Dhawan Space Center. Chandrayaan-3 has a multifaceted set of objectives that drive its mission design. Firstly, it aims to further explore the polar regions of the moon, which have remained relatively uncharted territory. By conducting detailed studies of these regions, scientists hope to uncover new insights into the moon's origins, its geological evolution, and the presence of water ice in permanently shadowed craters. Such discoveries could potentially provide crucial clues about the existence of water on other celestial bodies and even shed light on the possibility of sustaining human life beyond Earth. The Chandrayaan-3 mission is not just a feat of India's scientific capabilities but also an opportunity for international collaboration. By partnering with other nations, sharing resources, and leveraging their expertise, the mission can yield more fruitful results as the collective knowledge pool enhances our understanding of the moon and fosters global cooperation in space exploration.

Chandrayaan-3 holds immense potential to unlock significant scientific breakthroughs. The exploration of the lunar polar regions may provide us with critical data regarding the moon's geological history and evolution. Through its ambitious objectives and advanced technologies, this mission holds the promise of unravelling hidden secrets about the moon's history, the potential presence of water ice, and even the existence of life beyond Earth. As Chandrayaan-3 embarks on this celestial odyssey, the world watches in anticipation, eagerly awaiting the unveiling of the lunar frontier and the wealth of knowledge it may bestow upon humanity.



Pranav Chandak (FE-ECS)

## Fostering Appreciation Through Two Platforms

~ Vinit Solanki

The UHV Club celebrated 'Gratitude Day' on 21st September 2023, which was aptly named 'E-Gratitude Day'. The primary purpose of this celebration was to encourage people to express their gratitude to their special persons and teachers, creating an environment of appreciation and making others feel special. The event unfolded on two distinct platforms: Instagram and Gmail.

On Instagram, the UHV Club provided a Next-Generation Link (NGL) to participants, enabling them to send gratitude notes to the individuals they wished to appreciate. Anonymity was maintained to encourage sincere expressions of gratitude. Each note underwent careful scrutiny to filter out any unnecessary or inappropriate messages. Only the heartfelt expressions of gratitude were posted on the club's Instagram page. The response from the Instagram community was

heartwarming, with all gratitude notes posted in a timely manner.

The Gmail method of participation was equally significant. Participants were given access to a Google Form, where they were required to input their details, the recipient's email address, and the message of gratitude they wished to convey. Anonymity was provided as an option for those who wished to keep their identities undisclosed. The UHV Club then took the responsibility of personally delivering each message to the intended recipient via email. The response from the Gmail participants was equally heartwarming, with enthusiastic participation from everyone.

The Instagram account (@uhv\_vesit) played a pivotal role in the success of this event. The account served as a central hub for promoting E-Gratitude Day and sharing the gratitude notes

that were received. Through the Instagram platform, participants were able to express their appreciation, creating a meaningful and positive space for the celebration.

In conclusion, the UHV Club's celebration of E-Gratitude Day was a tremendous success. The utilization of both Instagram and Gmail provided a wide range of individuals the opportunity to express their gratitude. The efforts to ensure anonymity for those who preferred it and the diligent filtering of messages underscored the quality of the event. The enthusiastic and heartfelt responses received on both platforms demonstrated the significance of expressing gratitude in our lives. The UHV Club looks forward to organizing similar events in the future to continue fostering a culture of appreciation and positivity.



# IGNITING THE ENTREPRENEURSHIP SPIRIT

## Navigating Legal Essentials in the Startup World

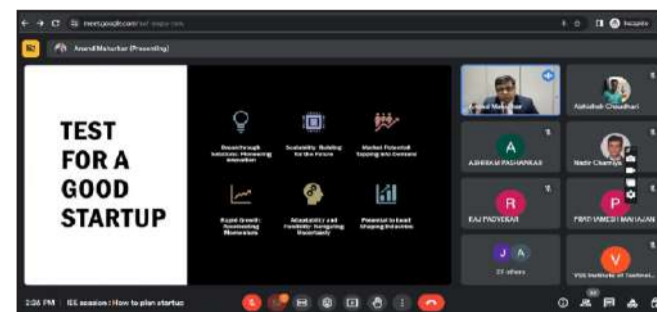
~ Joanna Sanju

VESIT E-Cell hosted a highly informative and engaging session titled 'Navigating legal imperatives in the startup landscape: Actionable insights' which was led by **Mr. Anand Mahurkar**, an expert in the field of Intellectual Property (IP) law and a Patent Agent with extensive experience in both technical and legal aspects of Intellectual Property. The event took place on 10 August, 2023 and was attended by an enthusiastic audience of students and faculty members.

Mr. Anand Mahurkar began the session with

an introduction to the significance of Intellectual Property Rights in today's dynamic business landscape. He stressed the importance of protecting innovations, ideas, and creations through patents, trademarks, copyrights, and design protection. He mainly focused on the legal intricacies one has to undergo before starting as an entrepreneur.

This event exemplified E-Cell's commitment to providing valuable educational opportunities and fostering entrepreneurship and an entrepreneurial mindset among their members.



Mr. Anand Mahurkar sharing his knowledge to build a good startup

## Cracking the Product Value Code

~ Joanna Sanju

A comprehensive workshop titled "Demystifying 'Value Proposition' and 'Business Fit' Products" was successfully conducted from 8th to 10th August 2023, in lab B22, organized by VESIT E-cell. The workshop aimed to bridge the gap between theoretical knowledge and practical application in the domain of product development. The event featured distinguished speakers, including **Mr. Amit Singh** (VESIT E-cell Incharge), **Ms. Gayatri Patil** (Full Stack Development Analyst, Accenture), **Mr. Gaurav Tirodkar** (Senior Data Scientist, Western Digital) and **Ms. Ujala Jha** (Associate Software Engineer, JP Morgan Chase).

The workshop commenced with the speakers sharing insights into their Smart India Hackathon projects, offering a unique blend of theory and real-world application. Their experiences provided participants with valuable perspectives on problem-solving and innovation. Subsequently, students

engaged in identifying problem statements, which paved the way for understanding the core concepts of 'Value Proposition' and 'Business Fit'. A pivotal segment of the workshop involved students selecting solutions for the identified problems, encouraging them to critically analyze and strategize. This hands-on approach not only honed their problem-solving skills but also highlighted the importance of aligning solutions with market demands. An interactive session followed, during which a panel of experts reviewed the proposed solutions. This constructive feedback not only refined the participants' ideas but also provided them with a glimpse into the evaluation processes followed in the industry.

In essence, the workshop successfully accomplished its objectives of demystifying 'Value Proposition' and 'Business Fit' products. Participants were exposed to industry practices, gained insights from the speakers' projects, and

refined their problem-solving skills. The event's interactive nature, involving problem identification, solution selection, and expert review, ensured a holistic learning experience. The workshop undoubtedly equipped attendees with practical skills and knowledge essential for excelling in the dynamic landscape of product development and innovation.



(L-R): Speakers of the event, Mr. Amit Singh (VESIT E-cell Incharge), Ms. Gayatri Patil (Full Stack Development Analyst, Accenture), Mr. Gaurav Tirodkar (Senior Data Scientist, Western Digital) and Ms. Ujala Jha (Associate Software Engineer, JP Morgan Chase).

## Insights from the Ministry of Education

- Vinayak Panchal

In a world that is constantly evolving, innovation has become the cornerstone of progress. On the auspicious occasion of Entrepreneurship Day on 21st August 2023, our college had the privilege of hosting a session that delved deep into the intricacies of innovation development and shed light on the initiatives taken by the Ministry of Education to foster a culture of innovation within our educational landscape.

**Dr. Nadir Charniya** (Assistant Professor, Department of Electronics and Telecommunication Engineering), led the session with his wealth of experience and knowledge. As the Vice-President of the Institution's Innovation Council at VESIT, Dr. Charniya is no stranger to the journey of innovation. He captivated the audience with his insights.

What made the session even more enlightening was Dr. Charniya's articulation of the initiatives undertaken by the Ministry of Education to promote innovation and entrepreneurship. His comprehensive understanding of these programs showcased the government's commitment to fostering a culture of innovation within our educational institutions. Through various schemes and initiatives, the Ministry of Education has provided students and educators alike with the tools and resources necessary to translate their

innovative ideas into impactful realities.

Attendees were introduced to a range of programs, each designed to serve as a catalyst for innovation. These initiatives, whether it's providing funding for research projects or facilitating mentorship opportunities, empower individuals within the educational sector to harness their potential for innovation.

innovative ideas and contribute to the growth of our nation.

In conclusion, the session on the "Process of Innovation Development and Some Initiatives of the Ministry of Education" proved to be an invaluable opportunity for our college community. It served as a reminder of the boundless potential that innovation holds and the critical role it plays in shaping the future. Dr. Nadir Charniya's expertise and the Ministry of Education's initiatives are beacons of hope, guiding us towards a brighter and more innovative tomorrow.



Poster of the event

Dr. Charniya's insights left attendees feeling informed and inspired, ready to explore their own



Students attending the event in large numbers



# A Path to Entrepreneurial Success

-Vinayak Panchal

In today's fast-paced world, where innovation is the driving force behind many successful businesses, the concepts of the "Lean Startup" and "Minimum Viable Product" (MVP) have become essential tools for budding entrepreneurs. On 30th August 2023, our college had the privilege of hosting a session that unraveled these concepts organized by VESIT E-Cell, guided by **Mr. Amit Singh** (Assistant Professor, Department of Artificial Intelligence and Data Science)

Mr. Singh, with his wealth of knowledge and experience, made the complex world of startup methodology accessible to all. He started by explaining that the "Lean Startup" methodology is like a strategic compass for startups. It focuses on the core principles of testing ideas, avoiding wasteful expenditure, and relentlessly pursuing rapid improvements. In essence, it's a blueprint for startups to navigate the turbulent waters of entrepreneurship efficiently.

The concept of an MVP, a fundamental component of the Lean Startup approach, was also elucidated. An MVP, as Mr. Singh articulated, is the creation of a basic version of a product that serves

as a foundation for learning and growth. It's akin to building a prototype, a simplified version of your product, which allows you to gather real feedback from users. This feedback loop becomes invaluable as it guides further development, ensuring that you are not investing time and resources in a direction that may not yield success.



Mr. Amit Singh explaining how startup works

These are not just basic prototypes; they are the cornerstone of efficient and effective product development. By understanding what users need, what works, and what doesn't, entrepreneurs can make informed decisions that save time and resources while increasing the chances of creating a product that truly resonates with the market.

Furthermore, Mr. Singh stressed that MVPs are not limited to technology startups; they can be applied to various industries.

In conclusion, the session proved to be a valuable resource for our college community. It illuminated the path to entrepreneurship, making it seem less daunting and more achievable for all of us.



Poster of the event

# VESIT's Entrepreneurial Surge

-Vinayak Panchal

On 15th September 2023, VESIT witnessed an extraordinary event that ignited the flames of innovation and entrepreneurship within its student community. 'VESIT Shark Tank', an event designed to foster creativity, inspire, and promote innovation, took center stage. The day was filled with remarkable moments and impactful initiatives that showcased the college's commitment to nurturing the entrepreneurial spirit along with the launch of **HABIT Foundation website**.

The event started with the traditional lighting of the Saraswati Vandana lamp, symbolizing the pursuit of knowledge and wisdom. Distinguished dignitaries graced the occasion, including **Mr. B. L. Boolani** (College Trustee), **Dr. J. M. Nair** (Principal), **Shri Vijay Talreja** (Director of HABIT Foundation), **Shri Bharat Ajwani** (Director of Teknik Valves), and **Shri Amit Rambhia** (Director, Panache DigiLife). Their presence lent prestige and significance to the proceedings.

Dr. J. M. Nair, the esteemed principal of VESIT College, delivered an inspiring speech. She emphasized the role of innovation in today's rapidly evolving world. Dr. Nair underscored how innovation is not just a buzzword but a powerful force that drives progress, encourages creative problem-solving, and empowers students to become leaders. Her words resonated deeply with the audience, setting the tone for the day's events.

A pivotal moment of the event was the official launch of the HABIT Foundation website by college trustee Mr. B. L. Boolani. The HABIT Foundation, an acronym for "Helping Aspiring Entrepreneurs Build Innovative Tomorrow," is a platform dedicated to supporting young student entrepreneurs on their journey to developing market-ready products. The website offers a treasure

trove of resources, mentorship opportunities, and funding avenues. This launch marked a significant milestone in commitment by VESIT to nurture entrepreneurship and innovation.



**Distinguished dignitaries graced the occasion, including Mr. B. L. Boolani (College Trustee), Dr. J. M. Nair (Principal), Shri Vijay Talreja (Director of HABIT Foundation), Shri Bharat Ajwani (Director of Teknik Valves), and Shri Amit Rambhia (Director, Panache DigiLife), and guided the students**

The Shark Tank-style competition held during the inaugural Ganeshotsav at VESIT showcased the remarkable ingenuity and talent of the college's students. Six teams passionately presented their innovative product ideas to a panel of dignitaries, seeking both financial support and expert guidance. The event not only provided a platform for students to showcase their entrepreneurial spirit but also encouraged them to think critically and creatively about solving real-world problems. The dignitaries' engagement in insightful discussions further enriched the experience, offering valuable feedback that would shape the trajectory of the projects.



Students explaining their startup idea to the panel of dignitaries

Beyond the excitement of securing funding, the essence of the Shark Tank event lay in its broader impact on the college's culture. By fostering an environment that nurtures entrepreneurship and innovation, VESIT demonstrated its commitment to preparing students for the challenges of the modern world. The event served as a catalyst for instilling a culture of creative problem-solving and risk-taking among the student body, laying the groundwork for future ventures and initiatives.

The VESIT Shark Tank competition, alongside the launch of the HABIT Foundation website, represented significant milestones in the college's journey towards fostering innovation and entrepreneurship. These initiatives not only provided students with tangible resources and support but also symbolized the integration of academic learning with real-world application. As vibrant threads in the grand tapestry of VESIT's commitment to innovation, these events underscored the collaborative spirit between students, faculty, and industry leaders, shaping a future where creativity and innovation thrive.



# MY SOCIETY, MY RESPONSIBILITY

## Empowering Blood Drive Triumphs

~ Anish Padhye

A blood donation drive 'Drops of Hope '23' was conducted by SoRT-VESIT in association with JJ blood bank on 23rd August 2023. A total of 126 donors donated their blood and contributed to this great noble cause. Students and faculties of all the departments came together to support this good cause. All the necessary precautions were taken to ensure the campaign moves on smoothly.



SoRT VESIT celebrating 126 Donors

The main objective of 'Drops of Hope' was to spread awareness about blood donation in our college and erase all the myths about it in people's minds. Also, the first-year who had just just started coming to the college recently, also participated in the drive (who were eligible).



Free eye-checkup

Along with blood donation, there was also a free thalassemia and eye checkup test. The donors

were first checked for their hemoglobin levels and minimum weight, and if they met the requirements, they were directed to donate their blood or else they were checked for thalassemia.

The response for 'Drops of Hope' was overwhelming as around 126 donors donated their blood. Also, the FEs who were eligible for donation did their job which was a delightful moment. The impact of the drive was very good and to the point.



A student donating blood

## Plastic Awareness Drive Succeeds

~ Anish Padhye

Recycloth '23 was a Plastic donation drive organized by SoRT-VESIT in collaboration with Universal Human Values (UHV) club under the guidance of Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Science) on 12th and 13th September to raise social awareness about the reuse, reduce and recycle of plastic waste. It lasted for two days, starting at 10 am on both the days.

Announcements regarding the drive were communicated to all the classes and faculties a day prior to the event. Posters regarding the same were pinned on all the notice boards of the college. Also, mails and messages were sent to everyone in order to promote awareness regarding the drive.



Registration for Recycloth '23

On the first day, the Music council of VESIT performed a jamming session in the amphitheatre that attracted many students towards the donation drive and a lot of them participated in the drive on the second day. Overall, students, faculties and staff-members of all the departments gave a

tremendously positive response to support this good cause.

The response for the drive was overwhelming as there were around 120 entries for donations of plastic. 'Recycloth 23' was a fun yet meaningful event for the students and college.



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

## Aashayein Village Visit by EBSB

~ Meghna John

A visit was organised to Bapuji Babaji Jadhav Smarak Vidyamandir and Junior College, Chandip by VESIT Student's Club in collaboration with VESLang Circle and EBSB with the goal to educate the students about personality development and public speaking skills. There were two primary sessions: one for students in 12th grade and one for those in grades 9th and 10th.

The session began with brief introductions of the two participating institutes and a cordial welcome to faculty members - Dr. Geeta Ajit (Assistant Professor, Department of Humanities and Applied Science), Dr. Sushil Dhuldhhar (Assistant Professor, Department of Humanities and Applied Science), Dr. Maya Bhat (Assistant Professor, Department of Humanities and Applied Science), Mr. Ajinkya Valanjoo (Assistant Professor, Department of Artificial Intelligence and Data Science), Mr. Gaurav Tawde (Assistant Professor, Department of Electronics and Telecommunications Engineering), Mrs. Saylee

Gharge (Associate Professor, Department of Electronics and Telecommunications Engineering) and students by the school's principal. Then, Dr. Geeta Ajit spoke to the students, promoting her cause of 'Aashayein' by explaining what it actually means and why it is significant. The VESLang circle then took over, with Head of VESLang, Anushka Kulkarni (BE-AIDS) and Taufique Ansari (TE-CMPN) introducing themselves, the circle, and the reason for the visit.



Students participating in the activity - BOTS



(Top-Bottom, L-R): Faculty members visited the village- Dr. Geeta Ajit (Assistant Professor, Department of Humanities and Applied Science), Dr. Sushil Dhuldhhar (Assistant Professor, Department of Humanities and Applied Science), Dr. Maya Bhat (Assistant Professor, Department of Humanities and Applied Science), Mr. Ajinkya Valanjoo (Assistant Professor, Department of Artificial Intelligence and Data Science), Mr. Gaurav Tawde (Assistant Professor, Department of Electronics and Telecommunications Engineering), Mrs. Saylee Gharge (Associate Professor, Department of Electronics and Telecommunications Engineering)



**Pooja Narayanan** (BE-EXTC), a circle member, began the briefing on public speaking and its significance at 10 am. She also provided advice on how to make a speech engaging and memorable. This was followed by three activities hosted by **Nidhi Gawde** (TE-INFT), member at the VESLang Circle. The first of them was BOTS (Battle of Thirty Seconds), for which **Tejas Gadge** (SE-CMPN) provided a demonstration.

The pupils were assigned a word to speak on for 30 seconds throughout this activity. The following activity was Talk Charades, in which the students had to describe a movie's plot without giving away the names of the characters while

the audience had to identify the film, for which **Hritika Mulay** (TE-EXTC) had performed a demo. The final activity was called Starters and Desserts, where a group of students were given a beginning and an end, and they had to create a tale using those lines. **Tejas Gadge**, **Sidhant Sathe** (SE-INFT), **Harshal Farate** (SE-EXTC), and **Amay Babar** (SE-EXTC) demonstrated this activity. The audience enthusiastically took part in the activities and volunteered. Then for the last part of the session **Drishti Samvedi** (BE-CMPN) and **Manjiri Jadhav** (BE-EXTC) conducted a session on introduction and personality development and a few students volunteered to give their own introduction.

A lunch break of thirty minutes lasted until 12:30, followed by a comparable session held for students in grades 9 and 10. During this session, the audience displayed heightened enthusiasm and actively engaged in the various activities. Subsequently, Dr. Sushil Dhuldhhar addressed the assembly, discussing the concept of conquering our fears to realise our aspirations. The event concluded with the distribution of prizes for the Drawing competition, organised by the EBSB group, exclusively for grade 8 students. Dr. Sayalee Gharge then provided a recap of the experience and extended gratitude to the audience, officially wrapping up the session.

## Swayam Jyoti- The Village Visit

~ Meghna John

**VESIT Students' Club** (under AICTE Spice scheme) in collaboration with **SoRT VESIT** conducted an event 'Swayam Jyoti - A Village Visit', to Government Ashram School, Gargaon, Tal. Wada, District Palghar, Maharashtra. The visit was conducted on 14th July 2023.

The first session of the visit started with an introductory speech on solar energy given by **Dr. Prashant Kanade** (Assistant Professor, Department of Computer Engineering) followed by a formal presentation on the same by the volunteers. All the dialogues exchanged were in the local language of the students, that is Marathi. There were four classrooms in total, two of 10th standard and one each of 11th and 12th standard. The students of all these classes were first taught about the non renewable energy and its dangers.



**VESIT volunteers packing lunch for the students**

Then they were taught about solar energy, its science and its importance for humanity. They were also taught about how they can generate this energy. This presentation was given by **Yashodhan Sharma** (TE-CMPN), a volunteer. Along with this a live demonstration on installing and assembling solar lamps was also given. The students were divided into groups and each group had 2 volunteers who were personally guiding the students on how to assemble the lamps.

The educational session centered on enlightening children about the adverse effects of non-renewable energy sources, emphasizing their carbon footprint, while simultaneously highlighting the advantages of solar energy. Through interactive activities, students were guided through the assembly process of solar lamps, offering hands-on experience and insight into sustainable energy solutions. The distribution of 50 assembled solar lamps among students in grades 10 through 12 not

only provided them with a practical tool but also instilled a sense of empowerment and responsibility towards embracing renewable energy alternatives, thereby fostering a generation of environmentally conscious individuals poised to make a positive impact on their communities and the planet.

After the first session a lunch break was taken for an hour where the students and faculties were served freshly made lunch. The second session commenced after lunch which consisted of two workshops, first on hygiene and the second on safe and unsafe touch. The girls and the boys of the school were separated and different workshops were conducted for both.



**Students enraptured in the session**

During a hygiene-focused skit for boys, students were enlightened about the repercussions of neglecting personal cleanliness. The skit underscored the potential issues stemming from poor hygiene habits and stressed the significance of dental care, as well as their role in maintaining societal cleanliness. Through a narrative story, the concept of safe and unsafe touches was introduced, elucidating the various types of physical contact and the importance of understanding personal boundaries. Additionally, the skit addressed the detrimental effects of bullying on both physical health and mental well-being. Students were equipped with strategies to cope with bullying pressures and empowered with methods to overcome such challenges. Overall, the skit served as a comprehensive educational tool, instilling awareness about hygiene practices, personal boundaries, and resilience against bullying in the minds of the students.

The girls' session commenced with a skit emphasizing period hygiene, engaging them actively. An interactive Q&A session ensued, allowing students to address doubts. Volunteers adeptly resolved queries, fostering a supportive environment. This holistic approach empowered

girls with knowledge and resources to maintain menstrual health with confidence. The second part of the session for girls also involved a narration on safe and unsafe touch given by **Aayushi Rajeshirke** (BE-AIDS) where she narrated a story on the same and educated the girls about unsafe touch and how they can raise their voices against it.

At the end of the second session, the speakers of both the workshops held an informal dialogue with the children, answering their questions as well as motivating them on topics relating to studies and career. The girls were guided on how they can go ahead in their desired field of interest. One of the girls expressed her desire to be a nurse regarding which she was given the necessary guidance. A few other girls also expressed their desire to be engineers seeing the students of an engineering college in front of them. Hence, necessary guidance for the same was also given to them. The students who were a little indecisive about their careers were explained about the various fields they can opt in the future for conserving the environment and being a change in the society.

They were given personal advice and encouraged to speak out about the problems or the difficulties they were having in their life.



**Faculty member Dr. Prashant Kanade (Assistant Professor, Department of Computer Engineering)**



**The whole team of SoRT-VESIT,**



## FEATURED

# Election Campaign at VESIT

~Meghna John

An election campaign can create an interesting atmosphere in any place with the most unexpected twists and surprises. An election campaign in our college itself is even merrier. The 'Election Campaign of VESIT' for the year 2023-24 was held on 27th July 2023 in the college auditorium. The organizer of this event was VESITConnect. It was held between 1 pm to 4 pm and the audience included the participating contestants from all departments of all years and departments.



The contestants in a panel discussion

The Ceremony began with a welcome speech by Deputy Chief Editor of VESITConnect, **Prachit Paralikar (Deputy Student Chief Editor, VESITConnect)**. The Election was mainly held for

the four councils of VESIT i.e. Social Responsibility Council, Music Council, Sports Council and Cultural Council. The event followed the same order as mentioned above with each council first contesting for the junior deputy secretary position for second-year students then the senior deputy secretary position for third-year students and finally with the Secretary elections.



Panel Discussion for the position of General Secretary

For every council, there was a panel discussion which was held for every pool where the contestants were asked questions related to their desired council and how they would tackle it. Before the panel discussion, every contestant was required to deliver a one-minute speech on what they believed in and the changes they would bring to the council. This segment was filled

with a very enthusiastic audience. The organizer VESITConnect played a vital role in making the election campaign very interesting as the questions posed by them were loved by the audience.

The event ended with an anticipated panel discussion between the three contestants for the position of general secretary. The atmosphere became more tense during this segment. They were asked questions about the workings of the college and the changes they would make to make it better. The event was a big success as it helped the students to understand who would make a better representative for standing up for them and more excited for the elections which were held after 2 days. The event was perfectly managed by VESITConnect for being the centre point and bringing all the councils together for this event.



Candidates for the Secretary Position of the Councils pitching themselves

## Councils for the Academic Year 2023-24

Following the election campaign, the official elections took place on 31st July, 2023. All the student in-charges voted for the candidates they

found the most suitable for the given role. The election was conducted for the posts of General Secretary of VESIT, Secretaries, Junior and Senior

members for the college councils- the Cultural Council, the SoRT (Social Responsibility Team) Council, the Sports Council, and the Music Council.



Secretaries of the council (L-R): Cultural Secretary- Swayam Gaikwad (TE-AIDS), SoRT Secretary- Swarnika Singh (TE-INFT), Sports Secretary- Ishita Marathe (TE-CMPN), Music Secretary- Payoshni Khekale (TE-INFT)

### Cultural Council Members-

Name	Position	Year/ Branch
Swayam Gaikwad	Secretary	TE/AIDS
Ajay Iyer	Sr. Deputy Secretary	TE/CMPN
Arya Raje	Sr. Deputy Secretary	TE/CMPN
Soham Shetye	Sr. Deputy Secretary	TE/IT
Vedika Chavan	Sr. Deputy Secretary	TE/EXTC

### Volunteers-

Aradhya Ingle (TE-CMPN)  
Komal Tikolani (TE-EXTC)  
Shantanu Kolhe (TE-ETRX)  
Shreyas Patil (TE-AIDS)

Soham Tawde (TE-CMPN)  
Aastha Dubey (SE-AIDS)  
Atharva Sarang (SE-EXTC)  
Arundhati Nair (SE-EXTC)

Harsh Shah (SE-EXTC)  
Shlok Yadav (SE-AIDS)

Name	Position	Year/ Branch
Akruti Dabas	Jr. Deputy Secretary	SE/IT
Akshata Agarwal	Jr. Deputy Secretary	SE/EXTC
Harshit	Jr. Deputy Secretary	SE/AIDS
Kaustubh Natalkar	Jr. Deputy Secretary	SE/EXTC
Sanchit Kulkarni	Jr. Deputy Secretary	SE/ECS



**SoRT Council  
Members-**

Name	Position	Year/ Branch
Swarnika Singh	Secretary	TE/IT
Aditya Gaikwad	Sr. Deputy Secretary	TE/EXTC
Anvi Gaikwas	Sr. Deputy Secretary	TE/EXTC
Rushikesh Yeole	Sr. Deputy Secretary	TE/IT
Tanmai Chundru	Sr. Deputy Secretary	TE/EXTC

Name	Position	Year/ Branch
Anish Padhye	Jr. Deputy Secretary	SE/EXTC
Riddhi	Jr. Deputy Secretary	SE/AIDS
Rishi Gupta	Jr. Deputy Secretary	SE/EXTC
Rohit Pathak	Jr. Deputy Secretary	SE/AIDS
Vaishnavi Sonawane	Jr. Deputy Secretary	SE/CMPN

**Volunteers-**

Aniket Ratha (TE-EXTC)  
Arya Banavali (TE-CMPN)  
Divyam Poptani (TE-AIDS)

Rujuta Bhor (TE-EXTC)  
Yashodhan Sharma (TE-CMPN)  
Aryan Sikariya (SE-AIDS)

Meghna John (SE-EXTC)  
Nidhi Narkar (SE-AURO)  
Ronak Ajwani (SE-CMPN)

**Sports Council  
Members-**

Name	Position	Year/ Branch
Ishita Marathe	Secretary	TE/CMPN
Rajdeep Khaire	Sr. Deputy Secretary	TE/EXTC
Sahil Gupta	Sr. Deputy Secretary	TE/AIDS
Harsh Chaurasiya	Jr. Deputy Secretary	SE/ECS

Name	Position	Year/ Branch
Himanshu Menghrajani	Jr. Deputy Secretary	SE/CMPN
Sanskriti Nawander	Jr. Deputy Secretary	SE/AIDS
Sharvari More	Jr. Deputy Secretary	SE/IT

**Volunteers-**

Om Lokegoankar (TE-AIDS)  
Shrinivas Ghumare (TE-CMPN)  
Vaishnavi Hule (TE-INST)  
Adinath Patil (SE-AURO)  
Aditi Taksale (SE-IT)

Angad Bulani (SE-CMPN)  
Ayush Patil (SE-EXTC)  
Heramb Pednekar (SE-EXTC)  
Madhav Tandon (SE-ECS)  
Manasi Erande (SE-EXTC)

Shreyash Katole (SE-ECS)  
Swed Lengare (SE-ECS)  
Vivek Gupta (SE-IT)  
Yajurva Naik (SE-AIDS)

**Music Council  
Members-**

Name	Position	Year/ Branch
Payoshni Khekale	Secretary	TE/IT
Aryan Raje	Sr. Deputy Secretary	TE/CMPN
Sakshi Patil	Sr. Deputy Secretary	TE/INST
Sankarshan Jahagirdar	Sr. Deputy Secretary	TE/ETRX

Name	Position	Year/ Branch
Atharva Chavanke	Jr. Deputy Secretary	SE/EXTC
Dhruva Acharya	Jr. Deputy Secretary	SE/EXTC
Mohit Patil	Jr. Deputy Secretary	SE/IT
Sejal Khobragade	Jr. Deputy Secretary	SE/AIDS
Shraeyaa Dhaigude	Jr. Deputy Secretary	SE/IT

**Volunteers-**

Siddharth Patil (TE-EXTC)  
Piyush Batheja (TE-AIDS)  
Vrushabh Karavade (TE-EXTC)  
Yash Uskelwar (TE-IT)

Deeksha Singh (SE-AURO)  
Krisha Darji (SE-EXTC)  
Nishant Mohan (SE-AURO)  
Shravani Sawant (SE-EXTC)

Shreyas Akmanchi (SE-EXTC)  
Vaishnavi Yadav (SE-EXTC)  
Yash Darade (SE-AURO)

# Circles for the Academic Year 2023-24

In the second year, all the Circles organizes interviews for recruiting new members. Faculty members and student heads participate in the process to carefully select candidates, aiming to build a strong and diverse team for the circles. VESIT has a total of three circles.



Student heads of the circles (L-R): VESLit Student Head- Noel Dason (BE-INFT), VESLang Student Head- Anushka Kulkarni (BE-AIDS), VPC Student Head- Rajat Mhatre (BE-EXTC)



**VESLit Circle  
Members-**

Name	Position	Year/ Branch
Noel Dason	Student Head	BE/INFT
Ananya Pandey	Deputy Student Head	BE/CMPN
Madhura Mhatre	Senior Member	BE/CMPN
Srushti Pagar	Senior Member	BE/EXTC
Hritika Mulay	Senior Member	TE/EXTC
Kartikey Shukla	Senior Member	TE/EXTC
Krishang Ukey	Senior Member	TE/EXTC
Prachit Paralikar	Senior Member	TE/INFT
Aakarsh Sinha	Junior Member	SE/AURO

Name	Position	Year/ Branch
Aditya Rege	Junior Member	SE/AURO
Ameya Kalgutkar	Junior Member	SE/AIDS
Dhvani Godeshwar	Junior Member	SE/EXTC
Drushti Nagarkar	Junior Member	SE/AURO
Garv Chawla	Junior Member	SE/CMPN
Jaishree Epili	Junior Member	SE/EXTC
Ridima Sahasrabudhe	Junior Member	SE/AIDS
Sarah Shaikh	Junior Member	SE/AIDS
Samruddhi Diwane	Junior Member	SE/EXTC

**VESLang Circle  
Members-**

Name	Position	Year/ Branch
Anushka Kulkarni	Student Head	BE/AIDS
Drishti Samvedi	Senior Member	BE/CMPN
Manjiri Jadhav	Senior Member	BE/EXTC
Pooja Narayan	Senior Member	BE/EXTC
Gomati Iyer	Senior Member	TE/INFT
Harshal Talreja	Senior Member	TE/EXTC
Harshita Dubey	Senior Member	TE/INFT
Nidhi Gawade	Senior Member	TE/INFT
Pavan Thakur	Senior Member	TE/CMPN
Preethika Shetty	Senior Member	TE/CMPN
Rishabh Gupta	Senior Member	TE/AIDS
Taufique Ansari	Senior Member	TE/CMPN

Name	Position	Year/ Branch
Anjali Thakrani	Junior Member	SE/CMPN
Anushka Shahane	Junior Member	SE/INFT
Archee Dara	Junior Member	SE/AIDS
Arya Madhavi	Junior Member	SE/INFT
Ekta Chhabria	Junior Member	SE/CMPN
Jiten Purswani	Junior Member	SE/CMPN
Maanav Valecha	Junior Member	SE/CMPN
Naina Sachdev	Junior Member	SE/AIDS
Siddhant Sathe	Junior Member	SE/INFT
Shravani Patil	Junior Member	SE/INFT
Srushti Chopade	Junior Member	SE/ECS
Tejas Gadge	Junior Member	SE/CMPN

**VESIT Photocircle  
Members-**

Name	Position	Year/ Branch
Rajat Mhatre	Student Head	BE/EXTC
Abhishek Thorat	Senior Member	BE/AIDS
Aditi Bhatia	Senior Member	BE/CMPN
Hrishikesh Kudale	Senior Member	BE/AIDS
Kedar Gawhankar	Senior Member	BE/INFT
Kshitij Pawar	Senior Member	BE/INST
Prajwal Patil	Senior Member	BE/INFT
Prasad Jawale	Senior Member	BE/AIDS
Pushkaraj Chaudhari	Senior Member	BE/INFT
Rishabh Goray	Senior Member	BE/ETRX
Shreya Singh	Senior Member	BE/AIDS
Tejas Lagwankar	Senior Member	BE/EXTC
Aaqueeb Pinjari	Senior Member	TE/INFT
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Name	Position	Year/ Branch
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Samarth Nilkanth	Junior Member	SE/CMPN
Sujay Thasale	Junior Member	SE/ECS
Tushar Chandak	Junior Member	SE/EXTC
Varun Budhani	Junior Member	SE/CMPN



# VESIT DIARIES

~ Gargi Angne

**Mr. Shantanu Wagh of the 2016 batch from Department of Electronics Engineering shared his journey after graduation and the different aspects of his experience in the outside world. He is a Senior Software Developer/Tech Lead in GalaxE Solutions Inc./ BSRE Inc. He lives in Vadodara, Gujarat.**

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

I particularly remember the day I got admitted. I do not know if that system still exists but there was something called a "Vacancy Round". I was initially in my first CAP round, admitted to FrCRCE Bandra. One morning while on the way to college, I heard from my friend about this magical thing called vacancy rounds and decided, on a whim, to get off at Kurla to go give this a shot at VESIT. Long story short, I was calling my friend to tell him I was admitted, and hearing this, he came to VESIT and got admitted the same day too.

The other memory I have was making murals on my hostel walls. My room was a spectacle drawing visitors from floors above and below to marvel at how I was able to do it using just a pencil, scale, and permanent markers. Of course, I never saw my security deposit back!

**Can you share the obstacles you faced after graduating?**

My share of obstacles was significantly unorthodox. I got a KT in my final semester (along with 21 others. CVLSI remains my mortal enemy) I had a job offer from Atos in my third semester itself from which I was turned away because apparently they do not accept a 7th semester BE. I was at my lowest because I had a US Student Visa for NYU where I had had to forgo my admission because of this KT.

**How can one keep themselves optimistic when going through a rough patch?**

Having visited the US after my rough patch, I now know that the answer is therapy. We Indians have a hard time understanding the value or need for it having devalued and demonized it as a society for decades, but once you receive it, you know why it is useful. Other than that, your loved ones. To know that your value as a human being is inherent and not based on your scores or ranks is a powerful thing to keep you afloat.

**How was your experience studying abroad?**

I had a friend in the US who told me once – "Even if I go back to India after 5 years, when my visa ends, with a net zero in my bank account, I will have been a successful man." I truly think he summed it up best. I am a much more insightful, forgiving, and inclusive individual than I was when I left. And I would not trade the world for that. Whoever has the chance to study in another country will be better off having done it.

**Where do you currently work and what are your day-to-day responsibilities?**

I work 2 jobs. In the day, I am a team lead for a small team of 3 developers at a solar panel company. My job involves Python and ReactJS programming and handling the team and their problems. The long-term architecture and vision of the product are also my responsibility. At night, I work for a major health insurance company in the US. My job there is a lot more structured than my first. I am part of a large Agile team and my work involves AWS and infrastructure building using Python for the majority of it.

**What technical skills and soft skills should a budding engineer work towards to get ready for the corporate world?**

Tech skills are subjective. My primary weapon is a python. So, I see a market that has a lot of opportunities but the pay is average. I have worked with COBOL developers who get paid 5 times my salary but cannot find a new job that easily. You choose your adventure.

**Soft skills -**

Expectation management. If you do not come in with this skill, it will be brutally taught to you. I have seen and experienced burnout due to not having this skill. In the corporate world, the name of the game is to not be the best and not be the worst. If you try to be the best, you will have burnt yourself out for no reason. I have experienced this firsthand. If you are the worst, you will be under the scanner and the top candidate come the next layoff cycle. As a fresher, it is easy to get pumped and excited to show the management everything that you can do. But if you do that, you are setting expectations for the norm at your best. Understand that you are here to run a marathon, not a sprint.

You must also learn the transaction of any employment. You are selling 8 hours of your life for a price to a company. That is it. Any extra hours you spend even thinking about work are freebies you are giving out unless you get overtime pay (which is not a thing in salaried software positions). Having a life outside the office is important. Even if it means sitting on your couch scrolling the Netflix menu. Company culture and newsletters will say big things like "We are a work family" or "We go the extra mile". Unfortunately, it takes one-quarter of low profits for them to forget both those things and start laying off people.

**How does one stay on top of new technology?**

Hobby projects! Learning new technology for my own sake is the best reason to learn anything!

**Is it necessary to have a foolproof plan for your career from the beginning itself?**

A general direction in which one wants to head is necessary. Any details that one has decided upon will probably change in the face of new information anyway. So, be flexible.



**Mr. Shantanu Wagh (Batch of 2016, Department of Electronics Engineering)**

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

During my master's, there was a friend of mine who was in the CS department. He would often remark as to how my degree, Information Systems, was not a real master's degree and how programming was just a minor part of it. So during one of the finals week, he came to me and my roommate showing us how he had built a functioning e-commerce website as a final project. He was particularly happy about the feature where if an order gets placed, he receives an email in his inbox about it. I thought this was a very good feature to turn on its head since there was no captcha verification. I wrote a script in Python to order 50 times per second and set it running. In the morning he called in panic saying his mailbox was full and his site was not working and to please stop messing with it! For a small fee of accepting that IS was a real degree, I stopped my script and he was able to submit his project.

**What message would you like to give to fellow VESITians?**

I will address all those with KTs because everyone knows that good students will do fine. No amount of KTs is too many for you to not succeed. We do not decide which is the fastest animal by having a monkey, a cheetah, and a fish participate in a foot race. Use your time in engineering to learn how to solve problems, meet deadlines, and endure unpleasant situations. It will be downright cruel at times and I have found myself unable to even touch a book I did not like on some occasions. But nothing following engineering would be as bad and you would be better prepared for hardship than any of the toppers. Trust me, I have sat in the hall outside the registrar's office after every semester, guiding others on how to fill their forms simply because I knew it like the back of my hand. The world outside does not care about your KTs, only skills. If you have the privilege to go abroad, do so. Pick some cheap university in the middle of nowhere if you have to. When it comes time to look for jobs abroad, college name does not matter. Skills do.



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



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