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Upcoming events

Vision :

To be a globally recognized institute where learners are nurtured in a scholarly environment to evolve into competent professionals and researchers to benefit society.

Mission :

Evolve a curriculum which emphasizes on strong fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in contemporary subjects.

Encourage a teaching-learning process in which highly competent faculty share a symbiotic association with institutes of repute.

Facilitate creation and dissemination of knowledge through a digitally-enabled learning environment.

Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.

Establish a Centre of Excellence to enhance academia-industry partnership and work on collaborative projects.

Dr. Sangeeta Joshi

PRINCIPAL

As we bid farewell to 2024 and welcome 2025 with renewed aspirations, we embrace the New Year with enthusiasm and optimism. I extend my heartfelt wishes to all VITians for a remarkable year ahead, filled with determination and the drive to reach greater heights in life. The year 2024 was yet another eventful chapter, enriched by a vibrant exchange of ideas through guest lectures, workshops, internships, credit transfer programme and knowledge-sharing sessions led by international faculty. This quarter, we witnessed a surge of innovation, as students showcased their exceptional skills across various domains. A special congratulations to the SIH teams for their outstanding achievement of securing four consecutive titles—a testament to their dedication and excellence. Wishing everyone a prosperous year ahead, brimming with good health, new aspirations, and an enriching learning experience in the upcoming semester!

Wishing all success and best wishes for a bright future....



Moment of pride!



Hearty Congratulations to the VIT Team for winning the grand finale of SIH 2024 with a cash prize of ₹1L! The Problem Statement was- Development of an educational game (web-based and mobile- based) on groundwater conservation and management under the mentorship of Prof. Nisy Elsa Mathew. Team Members: Harshal Chavan, Ajinnkya Birari, Abhay Pandey, Atharva Aurangabadkar, Saily Dhaigude, Shital Shingade.

Hearty Congratulations to our GDG Lead Ms. Maitri Dalvi (Third Year B.Tech. Electronics and Computer Science) and her team for securing the First prize at the Generative AI Hackathon organized by Aditya Birla Group and the office of Ms. Ananya Birla during Techfest 2024 at IIT Bombay. The prize money is ₹1,50,000 and her topic was "Legal AI: An AI-Powered Legal Assistant for the Indian Judiciary System".



Hearty Congratulations to the team of Third Year students for being selected for the final round of the 19th Aavishkar: Inter-Collegiate Research Convention organized by the University of Mumbai! The team members were Shravani Birje (CMPN), Geetesh Guram (CMPN), Saloni Varekar (INFT), Mrunal Sangade (INFT), Arya Sadigale (INFT). The title of the project is "Weed Robo: Autonomous Weed Detection and Removal Robot in Agriculture and Animal Husbandry".



Hearty Congratulations to Samar Meher, VIT's Second Year Electronics and Telecommunication Engineering student for bagging the second prize in Shotput Throw and Discus throw at Interzonal and intercollegiate UoM meet!



Hearty Congratulations to Mr. Raghuveer Killedar (Second Year student, Department of Biomedical Engineering) for securing the Third prize in the Robotics Competition at IIT Bombay Techfest 2024!



Snapshots Of NSS Camp To Kuderan



Navrang



The Hobby Club Committee hosted 'Navrang'- Beginner's acting kit, wherein all navrasas blended together and voices reached our inner souls. Here's a glimpse of Navrang, a workshop presented by college drama team 'V-rangkalamach'!

Student Council Activities



With a medley of events, Vidyalankar Institute of Technology's Student Council witnessed multifaced events including the remarkable event on 22 October to commemorate the central government's recognition of Marathi as a classical language and Vachan Prerna Din in honour of Dr. A.P.J. Abdul Kalam's birthday. This occasion was marked by an engaging session with the distinguished author, poet, and lyricist, Mr. Pravin Davane. In order to showcase and sell the मराठी दिवाळी अंकांचे प्रिशन आदि दक्क्री, an annual publication that celebrates the essence of Diwali, the Literary Council arranged the Diwali Ank event. The Freshers event was an important event in this quarter along with Ras Garba and many more.

“The future belongs to those who believe in the beauty of their dreams.”
-Eleanor Roosevelt

Diwali Art Fest



The First-Year Engineering Department organized the Diwali Art Fest, a vibrant celebration of creativity and culture that brought together students in a joyous and festive spirit. The event featured a Rangoli and Kandil Decoration Competition, where students participated enthusiastically in pairs, showcasing their artistic talents and innovative ideas.

Faculty Achievements

- Dr. Uday Kashid received State level Best teacher award from “Maharashtra State Level Ideal Teacher Award” (महाराष्ट्र राज्य स्तरीय आदर्श शिक्षक पुरस्कार) by the Regional Teachers Organisation, Ratnagiri & Kokan Paryatan vikas mahamandal. Sir also presented a paper, titled “Examining the Impact of Machine Learning on Streamlining Data Analysis in Real-Time”, published in 15th International Conference on Computing Communication and Networking Technologies (ICCCNT) at IIT Mandi & the same is published in IEEE journal on 4th November 2024.
- Prof. Meenakshi Nandula was certified among Top 5% in NPTEL Course on Technical English for Engineers (October 2024) Also, co-authored a paper with Dr. Saurabh Mehta on ‘Engineering’ Quality Assignments – Seven Principles to Frame Assignments which lead to Holistic Learning, presented at T4E 2024 organized by the EdTech Society from 06 - 08 December.
- Dr. Micky Barua published three research papers, one titled: "Sachin Tendulkar's Playing It My Way: A Study of Sports Autobiographies and National Pride" in the International Journal of Advances in Engineering and Management and the other titled-"Empowering Women Through Sports: The Legacy of Mary Kom in the autobiography, Unbreakable". Madam also presented a paper “Narrating Transitional Refugees and Shadowy Double life in Kunal Basu's Kalkatta” in a conference on World Literature.
- Prof. Ishan Upadhyay published a paper Stand- alone On-Wheel Solar Milk Pasteurization in International Conference on Advances in Energy Research (ICAER 2023) at IIT Bombay.

Anveshan 2024



Anveshan 2024, held at VIT Plaza, aimed to inspire creativity and entrepreneurship among first-year engineering students through innovative ideas and hands-on learning. Students from various departments competed in various categories, including Excellence in Innovation, most Creative Project, Social Impact, and more.

Dussehra Celebration



The Department celebrated Dussehra with enthusiasm and reverence through a special pooja organized by the faculty. Dressed in traditional attire, faculty members performed rituals to honor the triumph of good over evil, invoking blessings for knowledge, wisdom, and success.

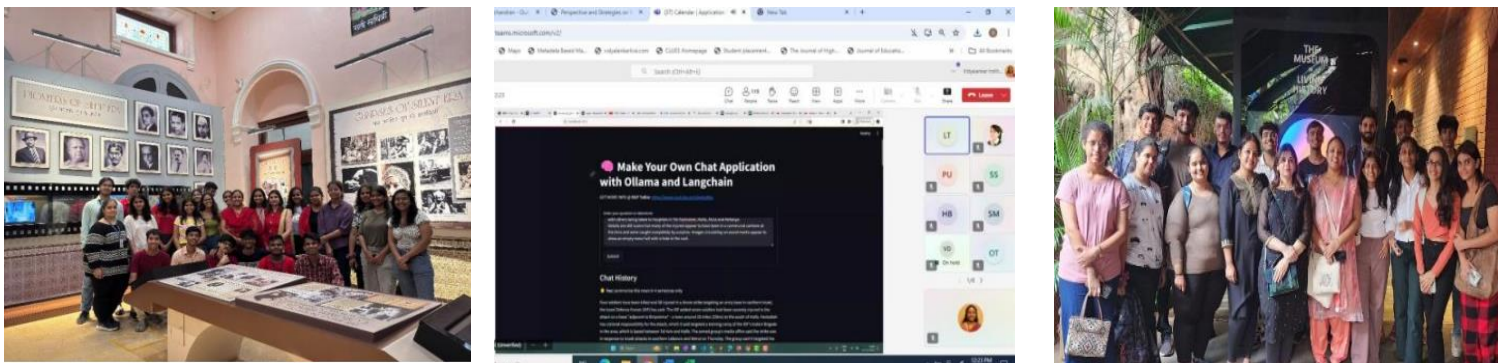
“ The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education– Martin Luther King Jr. ”

CSI Events



CyberFrat hosted a cybersecurity webinar led by Dharmendra Parmar, attended by 70 participants on 3 October 2024. The CSI-VIT chapter 2024-25 also hosted the 1-Day Cybersecurity Symposium on 5 October, a flagship event in collaboration with TSEC CodeTantra, TIIC, and CyberFrat. The CSI VIT Team, in collaboration with the ACM VIT team also organized an event “Catalyst” as a part of the industry exposure initiative for third year students.

CESA Events



CESA's seminar, "From Aspiration to Admission," was organized on 5 October, led by alumna Prathamesh Navale, provided a comprehensive guide for students pursuing higher education. HCC, VCC, and CESA organized a visit to the National Museum of Indian Cinema, offering participants a comprehensive insight into the history and evolution of Indian cinema. CESA organized an insightful workshop, "Application Building in NLP and ML Domain," led by Laxmi Kant, to provide students with foundational knowledge and practical skills in Natural Language Processing (NLP) and Machine Learning (ML). CESA and HCC also organized a visit to the Museum of Living History at Mahindra Towers, highlighting Mahindra's evolution, innovations, and social impact.

Google Development Group: Flutter Roadshow

The Flutter Roadshow India, hosted at our college on 8 December in collaboration with GDG-VIT, was a resounding success, attracting over 300 participants, with 40 percent of participants joining from cities outside Maharashtra like Surat, Vadodara, Chennai, Bangalore, Delhi, and Kolkata. The event celebrated diversity in the tech community through engaging sessions on Flutter's latest advancements, including AR/VR, AI integration, server-driven UI, and accessibility-focused development.





Live as if you were to die tomorrow; learn as if you were to live forever-Mahatma Gandhi



Visit to Microsoft for the event “Code without barriers”

Code without barriers is an initiative of Microsoft for women coders with a mission to provide Learning, Mentorship and networking opportunities. The event was organised by Nilesh Shinde and team, focusing on Cloud Computing and Large Language Models (LLMs). VIT was one of the co-partners of the event. It was conducted on 14th December 2024.



ITSA Activity “The Grand Line Tech Quest”

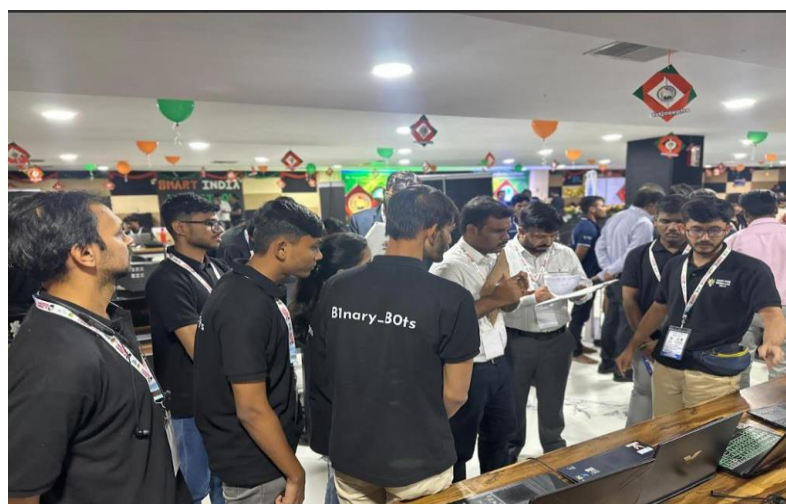


The activity was conducted on 1 October which was an immersive experience of programming and coding with unique treasure hunt format. Each level had unique puzzles, cryptographic tasks and coding challenges that tested students' problem-solving skills, creativity and teamwork.

SIH (Smart India Hackathon) is an initiative by the Government of India aimed at fostering innovation and problem-solving skills among students. It is a nationwide competition where participants, primarily from engineering and technical backgrounds, work on solving real-world challenges posed by various industries, government departments, and organizations. Following faculty members participated in SIH 2024 :

- Prof. Vinita Bhandiwad and group
- Prof. Rasika Ransing and Prof. Rohit Barve and Group

Faculty and Student Achievement





Tell me and I forget. Teach me and I remember. Involve me and I learn.
-Benjamin Franklin



Talk by faculty for Indian Railways



The Department of Electronics and Telecommunication is happy to share that Prof. Harshada Rajale and Prof. Anand Tripathi were invited as guest speakers at the Vigilance Awareness Campaign 2024, organized by Indian Railways, Central Railways, Matunga on 14th October 2024. They addressed the critical topics of Cyber security and Cyber law underscoring the importance of safeguarding against cyber threats and understanding the legal framework that protects individuals and organizations in the digital space.

Student Internships



Internships were offered to students under the leadership of Dr. Anand Tripathi wherein nine students completed internship work at Grok Learning Ltd; two students completed in Embedded systems at Sublime Enterprises and four students completed paid internship at Drona Aviation.

Faculty Achievements

- 1) Dr. Saurabh Mehta served as a translator and reviewer for the AICTE's Electronics Communication book in Gujarati, which has now been uploaded to the AICTE portal. Additionally, copyrights have been granted for the Game Design and Aeromodelling workshop manual. He has received a STEM grant (USD 1500) and presented three papers at the T4E 2024 Conference and two papers at the IEEE International Conference in Ukraine. Furthermore, one of his papers has been published nationally by the Central University of Sanskrit.
- 2) Prof. Atul Oak, successfully completed his Ph.D. in technology in Electronics Engineering from Veermata Jijabai Technological Institute (V J T I), Mumbai in December 2024. His research is based on enhancing security of commonly used IoT application protocol called MQTT protocol.
- 3) Dr. Dhananjay Patel conducted a training program for Tata Advanced Systems Limited, Mumbai on 19 and 21 December 2024 on the topic of Time Sensitive Networking. Dr. Patel also presented a Paper titled "Machine Learning-Enhanced Solutions for Mitigating PCOS/PCOD-Related Women's Health Disparities in Rural Areas: A Holistic Telemedicine System Design and Implementation" in IEEE conference "2024 International Conference on Brain-Computer Interface & Healthcare Technologies"; also received funding of 6 lakhs INR from TIH Foundation for IOT and IOE. The title of the project is "Precision soil erosion monitoring technique for sustainable land management". The students working on the project are Aryan Patel, Aishwarya Moundekar, Chaitanya Katkari, Chinmay Sande, Sanskar Bhoir.
- 4) Prof. Santosh Jagtap presented two papers in "Indian Engineering Congress (IEC39)" organized by Institution of Engineers, India (IEI) on 20th-22nd December, Kolkata in the topic of sensors in medical applications and Fiber Bragg Grating Sensors for Precise Monitoring of Healthcare Parameters.

“ Innovation is the ability to see change as an opportunity, not a threat.” – Steve Jobs ”

ECSA Activity Protosphere-A Hands-On Workshop



The event was conducted by Prof. Manoj Suryawanshi and Mr. Shivam Padwal on 16th October 2024. The objective was Introduction to PCB Design wherein it introduced participants to the fundamentals of Printed Circuit Board (PCB) design, including essential components and layout techniques. Secondly, proficiency in Proteus Software whereby it meant to help in mastering the use of Proteus for circuit design, focusing on its tools and features for creating accurate simulations. Practical PCB Design Skills which aimed at teaching how to design professional-grade PCBs, along with hands-On Experience.

ECSA Activity-Podcast

The event was conducted by Dr. Arun Chavan on 5th September 2024, wherein inspiring stories of educators like Arun Chavan, highlighting their experiences and achievements were shared through the medium of podcast. It was meant to discuss innovative approaches to education, such as specialized tracks for first-year students and NEP 2020 policy implementation. It was also to explore the role of AI in education, emphasizing the importance of human brain and fundamental knowledge along with providing guidance and advice to students, encouraging participation in extracurricular activities and overcoming fear.



Fintech Committee Activity



The Fintech Committee organized the event Core Meeting with the following objectives- Provide an overview of all domains within the fintech initiative, clarify the roles and responsibilities of each domain, explain the process of conceptualizing, planning, and executing events and foster collaboration and understanding among core members.

Higher Studies Committee Activity

The higher Studies Committee organized a Webinar on "Intersection of Design and Technology" on 17th October 24 with insightful ideas from Mr. Ashish Gosavi M.Des IIT, Guwahati.

Higher Studies Committee organizes Webinar on
"Intersection of Design and Technology"

Event Highlights

- Strategic planning for applying to master's programs in IITS
- Detailed guidance
- Tips and resources
- Profile building strategies to enhance academic and extracurricular portfolios.
- Importance of selecting and presenting relevant projects in applications.

Event Details:
Date: 17th October 2024
Time: 6:00 PM-7:00 PM
Mode: Online MS Teams

Ashish Gosavi
 M.Des IIT, Guwahati

at IITS

CEED 2025
 COMMON ENTRANCE EXAM FOR DESIGN COURSE

INFORMATION BROCHURE REGISTRATION PORTAL

UPDATES

The online registration for CEED 2025 will begin from October 01, 2024. The application will begin to accept from October 01, 2024.

“ If you want to walk fast, walk alone. If you want to walk far, walk together-Rata Tata ”

Hands-on lecture series on “Anatomy and Physiology” at Seth G.S. Medical College, Parel



A hands-on lecture series was organized to the Anatomy & Physiology Department of G.S. Medical College aimed to deepen second year biomedical engineering students' understanding of human systems and their functions. The lecture series was conducted from 26th September 2024 to 3rd October 2024 by doctors of Seth G.S. Medical College and KEM Hospital.

Expert talk on “Design Aspects of Patient Specific Surgical Implants and Medical Devices”

On 4th October 2024, an expert talk on “Design Aspects of Patient Specific Surgical Implants and Medical Devices” was organized. This session was coordinated by Prof. Arunkumar Ram. The speaker, Mr. Priyank Yeolekar, Senior Design Engineer at Arthrex, shared insights on sensor integration, design stages for patient-specific implants, and an overview of the medical devices industry, along with career growth advice.



Achievements

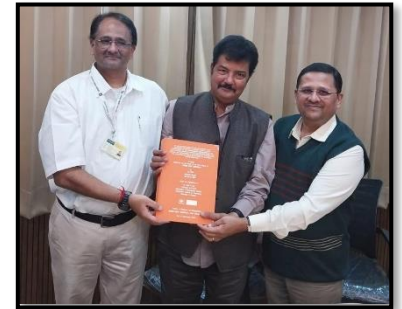
- 1) The Third Year students were the Finalist for Smart India Hackathon-2024 in Hardware Edition organized by AICTE, Ministry of Education (MoE), & MoEs Innovation Cell. Their problem statement was “Detection of Intraocular Pressure (IOP) in Glaucoma patients using No Contact Method”. The team was selected out of total 49,892 teams nominated by several institutes across India. The team comprised of our students-Ms.Chrysanna Fernandes, Ms. Bhumika Lingait, Ms. Mrudula Wani, Ms. Ameya Ghadge, Mr. Mustafa Challawala, Mr. Durvesh Sawant and faculty mentor-Prof. Arunkumar Ram.
- 2) Best student paper award to Mr. Megha Mhatre at 2024 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT) 2024.



“ Don't be afraid to give up the good to go for the great - John D. Rockefeller ”

Faculty Achievements

The Department of Management Studies congratulates **Prof. Jay Bhatt** on successfully completing his PhD in Management from Creer Point University Rajasthan under guidance of Dr. Amit Oak on 4th December 2024.



Student Achievements



MMS Students participated in QCFI (Quality Circle Forum Of India) Annual Convention Case study presentation competition & won Gold Trophy. MMS congratulates the winning team members from SYMMS **Mr. Akash Khare, Mr. Anvesh Madhavi, Mr. Yash Jain** and **Ms. Shivani Tiwari** on 25th October 2024.

MMS Congratulates **Mr. Himanshu Rai** SYMMS Marketing student on securing 1st place, winning a cash prize of ₹15,000 and a trophy in Megathon event was organized by Seth GS Medical College in collaboration with KEM Hospital between 16th-18th October 2024.

Annual HR Summit 2024



One of the highlights of the semester was the “Annual HR Summit 2024: Shaping the Future of Leadership”, a confluence of industry leaders, academicians, and students, fostering dialogue on the latest trends and challenges in human resource management. Such platforms not only enrich learning but also build networks that are pivotal for future careers. The summit organized on Saturday December 7th, 2024 was a resounding success, bringing together over 100 HR professionals from 70 leading companies. The event featured 17 marquee speakers representing renowned organizations such as PwC, Maersk, HDFC, LTI Mindtree, TCS, Malabar Gold & Diamonds, NASSCOM, IPCA Laboratories, and DSP Mutual Funds. These industry stalwarts engaged in thought-provoking discussions with HR professionals, students, and faculty, offering invaluable insights into contemporary HR practices and emerging trends. The event was further elevated by a strategic partnership with the prestigious IMC Chamber of Commerce and Industry, enhancing its stature and reach. The summit provided an unparalleled platform for knowledge exchange, networking, and exploring the future of work, reinforcing Institute’s commitment to fostering industry-academia collaboration.

UPCOMING EVENTS

- FINTECH COMMITTEE-IPL AUCTION: 10TH JANUARY, 2025, SHARK TANK EDITION: 20TH JANUARY, 2025
- IEEE ACTIVITIES-SOFTWARE MASTER & HARDWARE MASTER COMPETITION IN FEB (STARTS ROUND 1 FIRST WEEK OF FEBRUARY)
- IRIS (2ND SPEAKER EVENT) SHALL BE CONDUCTED IN FEBRUARY 2025
- VOYAGER 2025 ALSO WILL BE HOSTED
- CSI WILL HOST FLAGSHIP EVENT ENTHUSIA IN MARCH 2025
- CESA WILL HOST FLAGSHIP EVENT PLETHORA IN MARCH 2025
- TEDxVIT WILL BE HOSTED IN MARCH 2025

“Your dreams are what define your individuality. They have the power to give you wings and make you fly high.”

-P.V. SINDHU

THE EDITORIAL TEAM

Dr. Micky Barua
Editor