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"Education is the most powerful weapon you can use to change the world."

-B.B. King

Institute

Vision

To achieve excellence in imparting technical education so as to meet the professional and societal needs

Mission

- Developing technical skills by imparting knowledge and providing hands on experience.
- Creating an environment that nurtures ethics, leadership and team building.
- Providing industrial exposure for minimizing the gap between

Department of Electronics and Computer Engineering

Vision

To produce Electronics and Computer engineers capable of effectively using technical knowledge and interpersonal skills to benefit the industry and society.

Mission

- Providing state of the art facilities and conducive environment enabling the students to sustain the challenges in the field of Electronics and Computer.
- Educating the students to face the competitive world, develop leadership skills and to instil discipline and ethics.
- Promoting industry institute interaction.

Program Educational Objectives

- **PEO1:** Provide socially responsible, environment friendly solutions to Electronics and Computer engineering related broad-based problems while adapting professional ethics.
- **PEO2:** Adapt state-of-the-art Electronics and Computer engineering technologies to work effectively in multidisciplinary Environments.
- **PEO3:** Solve broad-based engineering problems both individually and in teams, demonstrating strong communication skills and professional collaboration.

Program Specific Outcomes (PSOs)

- **Electronics and Computer Engineering Software and Hardware Usage:** Use state-of-the-art technologies to understand and apply principles of electronics and computer engineering systems.
- **Electronics and Computer Engineering Maintenance:** Apply modern electronics and comput-

Program Outcomes (POs)

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
3. **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. **Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

"Knowledge is power. Information is liberating. Education is the premise of progress, in every society, in every family."

"Teaching is a very noble profession that shapes the character, caliber, and future of an individual."
– Dr. Abdul Kalam

"Books are infinite in number and time is short. The secret of knowledge is to take what is essential. Take that and try to live up to it."
— Swami Vivekananda

HOD Speak



Er. Anjum Mujawar
HOD, Electronics and Computer Engineering

The Department of Electronics and Computer Engineering at Vidyalankar Polytechnic aims to develop skills and deepen knowledge of the basic concepts and theories in the field of electronics and telecommunication with applications such as satellites, Next Generation Mobile Phones, Air Traffic Control etc. Employment opportunities for electronics and computer engineering engineers are growing rapidly. Recently launched Make in India is not just about manufacturing but also innovation and engineering. India is working towards building smart cities don't depend only on IT but as a basic infrastructure it is purely dependent on electronics society.

Technical News - Mistral AI Launches Enterprise Coding Assistant

Paris, France — Mistral AI, a leading European artificial intelligence startup, has officially launched its Enterprise Coding Assistant, an AI-powered tool on 4th June 2025 aimed at transforming how organizations develop and manage software.

The new assistant is designed to help professional developers write, review, debug, and optimize code more efficiently while meeting the strict security and privacy requirements of enterprise environments. Unlike general-purpose AI coding tools, Mistral AI's solution focuses on secure deployment within private infrastructure, ensuring that sensitive source code remains protected.

The Enterprise Coding Assistant supports multiple programming languages and offers intelligent code generation, contextual suggestions, and automated debugging capabilities. By integrating seamlessly with popular development environments and version-control systems, the tool allows teams to enhance productivity without disrupting existing workflows.

A key highlight of the launch is the assistant's enterprise-grade security model. Organizations can deploy it on-premise or within private cloud environments, making it suitable for companies operating under strict data-governance and compliance standards. This approach addresses growing concerns around intellectual property protection and data privacy in AI-driven software development.



"Dream is not that which you see while sleeping it is something that does not let you sleep."
– APJ Abdul Kalam

Department Toppers

Semester 5 Toppers



FODKAR SHOEB TAUFIQ
EJ5KC (94.47%)



YARKAR DANISH UMBARI
EJ5KB(94.00%)



KHAN MOHMMAD KAIF IFTEKHAR
EJ5KB(93.18%)

Semester 3 Toppers



SHANBHAG RAKSHIT KIRAN
TE3KB(93.29%)



APURVA DINESH NIKAM
TE3KC(88.82%)



RATHOD BHAVYA MUKESH
TE3KA (87.18%)

Semester 1 Toppers



SHETTY DIVESH PADMANABA
TE1KA (87.29%)



KAZI FATIMA WASIM
TE1KC(85.06%)



ZIMAL PRATIK PANDURANG
TE1KC(84.59%)

Tech Manthan – Vision 1.0

The first session of **Tech Manthan – Vision 1.0** was conducted on 17th May, 2025 with the aim of promoting research, innovation, and academic growth among faculty. The expert for the session was **Er. Anjum Mujawar (CTO)**, who shared his valuable insights and addressed common queries related to research and development.

An open discussion followed, where faculty members highlighted challenges in areas such as curriculum design, assessment practices, student projects, and portfolio development. Topics like innovative teaching pedagogy, industry collaboration, integrating theory with practicals, and implementing **Project-Based Learning (PBL)** across subjects were actively discussed.

Er. Anjum Mujawar provided practical guidance and encouraged faculty to explore solutions through collaboration and continuous improvement. The session was well-received and set a positive tone for future initiatives under Tech Manthan.

VP Vidyalankar Polytechnic

TECH MANTHAN
IGNITING INNOVATION AT VIDYALANKAR POLYTECHNIC

VISION 1.0

17 May 2025
2.00 PM - 3.00 PM

VP Seminar Hall

Registration

Meet Our Expert

Er. Anjum Mujawar
Chief Technology Officer (CTO)
Vidyalankar Polytechnic

*Empowering minds to explore beyond boundaries,
TechMantra sparks innovation through dialogue
and discovery*

Organizing Committee
Research and Innovation



Short Term Training Program– AIoT

Vidyalankar Polytechnic, in association with DigiToad Technologies Pvt. Ltd., organized a five-day Short Term Training Program (STTP) on Edge AIoT from 26th May to 30th May 2025. The training was conducted in Lab 6 from 9:30 AM to 4:30 PM daily and aimed at enhancing the practical skills of faculty members in the emerging domain of AIoT by integrating Artificial Intelligence with the Internet of Things using edge computing technologies.

The primary objective of the program was to provide participants with hands-on experience in developing AIoT applications. The training covered key aspects such as sensor data acquisition, real-time data logging, on-device machine learning using NanoEdge AI Studio, and cloud-based communication using MQTT and Node-RED. The sessions were led by industry experts from DigiToad Technologies, who guided participants through practical implementation using STM32 AIoT Developer Kits.

Overall, the STTP was a resounding success, achieving its goal of equipping faculty with the knowledge and skills to implement AIoT-based projects in their teaching and research.

DigiToad Technologies **VP** Vidyalankar Polytechnic

Short Term Training Program on Edge AIoT

KEY HIGHLIGHTS:

- Introduction to Edge AI & IoT Systems
- STM32 AIoT Developer Kit - Hands-on
- Sensor Data Acquisition & Data Logging
- Machine Learning with NanoEdge AI Studio
- MQTT and Adafruit IO Cloud Integration
- Node-RED for IoT
- Smart Building Applications & Anomaly Detection

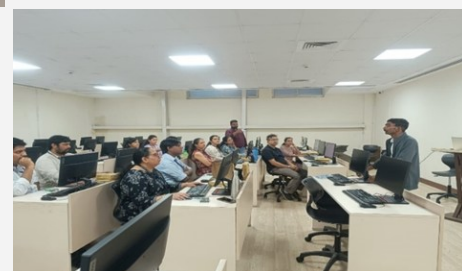
LEARNING OUTCOMES:

- Develop real-time IoT applications
- Deploy on-device ML models on STM32
- Integrate AI models with cloud platforms
- Hands-on labs with STM32 Kits

Scan to Register

26th to 30th May 2025
9:30 am to 4:30 pm

Organizing Committee : Research and Innovation Committee



Short Term Training Program on Design Thinking

Vidyalankar Polytechnic successfully organized a five-day Short-Term Training Program (STTP) on **Design and Thinking** from **9th June to 13th June 2025**, aimed at enhancing innovative problem-solving and hands-on prototyping skills among faculty members. The program was conducted by **Er. Anjum Mujawar, CTO, Vidyalankar Polytechnic**. The training introduced participants to the five essential stages of Design Thinking—Empathize, Define, Ideate, Prototype, and Test—through a structured blend of theory and application.

One of the key highlights of the program was the group activity focused on designing a **Pill Dispensing Machine**. Faculty participants were divided into groups. Using empathy mapping and ideation techniques, each group identified user needs and created design layouts accordingly. They built physical prototypes using materials such as cardboard and paper, integrating electronic components including an ESP32 microcontroller and relevant sensors as per their proposed design.

The workshop culminated with every group presenting a **working model** of their pill dispenser. The activity not only encouraged creativity and teamwork but also showcased how Design Thinking can be effectively applied to solve real-life healthcare challenges.

The poster features the Vidyalankar Polytechnic logo at the top left. Below it, a central graphic shows a brain surrounded by gears, a lightbulb, and various icons representing design and technology. The text reads: "Short Term Training Program on Design Thinking". Underneath, it lists "LEARNING OUTCOMES:" with three bullet points: "Understand and apply the Design Thinking process", "Frame real-world problems and generate innovative ideas", and "Create and test paper and hardware prototypes". It also includes two QR codes labeled "Registration QR" and "Payment QR", the dates "9th to 13th June 2025", the time "9:30 am to 12:30 pm", and the "Registration Fee: Rs. 250". At the bottom, it mentions the "Organizing Committee : Research and Innovation Committee".



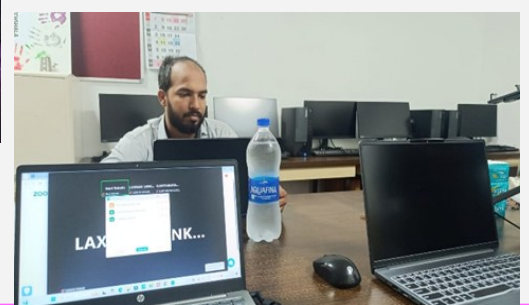
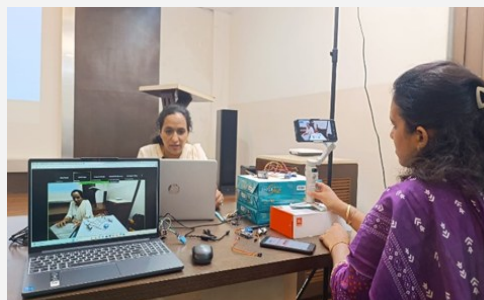
Short Term Training Program on Empowering Innovation with IoT: Concepts to Applications

Vidyalankar Polytechnic, Mumbai successfully organized an MSBTE-ISTE approved One Week Short Term Training Program (STTP) titled **"Empowering Innovation with IoT: Concepts to Applications"** from **30th June to 4th July 2025** in hybrid mode. The STTP aimed to enhance the technical knowledge and practical skills of faculty and professionals in the rapidly growing domain of the Internet of Things (IoT). The sessions included a balanced blend of theoretical concepts and hands-on practical demonstrations.

The inauguration on 30th June in the B105 Seminar Hall was graced by **Dr. Irfan Siddavatam**, who spoke on future IoT trends. Over five days, expert speakers covered IoT fundamentals, NodeMCU programming, sensor interfacing, communication protocols like MQTT, and real-world applications in smart cities, agriculture, and water management.

The sessions also introduced AIoT concepts. Participants appreciated the well-structured content, practical demonstrations, and smooth coordination. The program successfully equipped faculty with skills and knowledge to apply IoT in teaching, research, and projects.

The poster features the Vidyalankar Polytechnic logo at the top left. Below it, the text reads: "Vidyalankar Polytechnic Organizes ISTE approved One week State Level STTP on IoT (Internet of Things) Empowering Innovation with IoT CONCEPTS TO APPLICATIONS". It includes the dates "30th June to 04th July 2025" and the time "9:00 am to 4:00 pm". It also mentions "Mode : Hybrid" and lists "Objectives" such as "To introduce participants to the IoT ecosystem & current trends", "To provide hands-on training on NodeMCU & sensor interfacing", "To explore IoT protocols & cloud integration", and "To demonstrate real-world IoT applications in smart systems". It includes the "Last Date of Registration - 26th June 2025" and "Program Start Date: 30th June 2025". At the bottom, it lists the "Organizing Committee Members" and their contact information.



Workshop on Patent Filing, Procedure & Requirements

The Research and Innovation Committee organized an expert session to create awareness about Intellectual Property Rights, focusing on the patent filing process.

Expert Mr. Prakhar Singh, Assistant Controller of Patents & Designs, Patent Office, Mumbai explained various types of IPR, importance of patents, step-by-step filing procedures, required forms, online filing process, expedited examination, and non-patentable inventions. Participants were also introduced to key patent search platforms such as Free Patents Online, Google Patents, Espacenet, and Indian Patent Search.

The session saw active participation from faculty and students, leading to improved understanding of patent processes and motivating them to protect their innovations. The event concluded with a Vote of Thanks and a feedback QR code display.



The

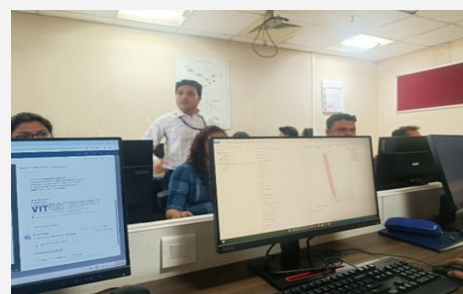
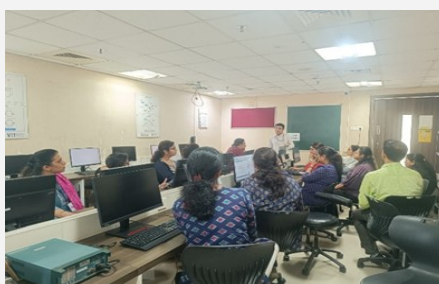
Workshop on COMSOL Multiphysics Software

Research and Innovation Committee of Vidyalankar Polytechnic organized a Guest Lecture and Hands-on Workshop on COMSOL Multiphysics Software with the objective of introducing faculty members and students to advanced simulation and modelling tools used in engineering research and product design.

The session was conducted by Prof. Amey Revandkar, Assistant Professor, Electronics and Telecommunication Engineering, VIT who possesses extensive experience in simulation-based analysis and research-oriented applications.

The workshop provided participants with a comprehensive overview and practical exposure to COMSOL Multiphysics, enabling them to model and simulate engineering systems across multiple physics domains. The expert explained the importance of multiphysics simulation in academic research, design validation, and preparation of conference and journal papers.

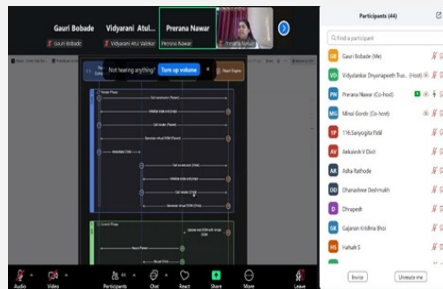
The hands-on component allowed participants to understand real-time simulation workflows, thereby strengthening their practical and analytical skills.



Short Term Training Program on Client Side Scripting

Vidyalankar Polytechnic conducted a Short Term Training Program on Client Side Scripting (CSS) from 8th to 12th December 2025 in online mode. The program focused on hands-on learning of JavaScript, Angular, and React to strengthen participants' client-side web development skills.

The STTP was delivered by industry experts Mr. Prabhat Padhy (Vice President, ApMoSys Technologies Pvt. Ltd.), Mr. Rohit Patil (Associate Software Engineer, Mobileware Technologies), Mr. Parth Jansari (Senior Software Developer, Impulsive Web), Mr. Anup Kamatkhadpe (Senior Manager, National Stock Exchange), Ms. Prerana Nawar (Full Stack Developer, Invact Metaversity), and Mr. Saqib Ghatte (Founder & CEO, Hertzsoft Technologies). Faculty members were also encouraged to enhance their skills and evolve as resource persons. The program received excellent feedback, and ISTE e-certificates were issued to eligible ISTE members based on attendance and an online assessment.



Conclave 3.0 : Mobile Frontiers

The Alumni Committee successfully organized **Conclave 3.0 – Mobile Frontiers** on **4th October 2025**. The conclave was aimed at exploring emerging trends, innovations, and future opportunities in mobile technologies, while fostering meaningful interaction between alumni, students, faculty, and industry professionals.

The conclave featured expert sessions, and interactive talks focusing on key areas such as mobile application development, next-generation mobile networks, artificial intelligence in mobile systems, and future industry trends. Our eminent alumni Mr. Kush Kapadia & Mr. Shaunak Sawant shared their knowledge, experiences, and perspectives on the evolving mobile ecosystem.



Internal Hackathon 2025

The Internal Hackathon held at Vidyalankar Polytechnic on 20th September 2025 was a resounding success, bringing together the brightest minds and fostering innovation within our institution. A total of 93 teams participated in the hackathon out of there were 231 girls and 327 boy's students participated in the event.

The event comprised two crucial rounds: the Mentoring Round, which commenced at 9:00 am, and the Evaluation Round, starting at 2:00 pm.

The primary objective of the Mentoring Round was to provide participants with an opportunity to receive guidance, insights, and constructive feedback from industry experts and mentors. This round aimed to help teams refine their project ideas, troubleshoot challenges, and enhance their overall hackathon experience.

The Evaluation Round was designed to assess the projects developed during the hackathon based on predefined criteria. A panel of esteemed jury members played a pivotal role in determining the winners.

All teams were selected to represent our institution at the Smart India Hackathon 2025. The Internal Hackathon held on 17th August 2025 was a testament to the spirit of innovation and collaboration at Vidyalankar Polytechnic. The knowledge gained, ideas generated, and connections formed during this hackathon will undoubtedly continue to shape the future of our institution.



The banner features logos for the Ministry of Education, Government of India; ANTE; MoE's INNOVATION CELL (GOVERNMENT OF INDIA); and SMART INDIA HACKATHON 2025. The central text reads: **Vidyalankar Polytechnic**, **Conducting Internal Hackathon for SIH 2025**, **20 September, 8 am Onwards**. A QR code is labeled "Register Now!".

Themes

- Smart Education
- Disaster Management
- Games & Toys
- Fitness & Sports
- Space Technology
- Smart Education
- Smart Automation
- Fintech
- Smart Vehicles, Transportation
- Robotics & Drones
- Heritage & Culture
- MedTech / BioTech & HealthTech
- Agriculture, FoodTech Development
- Blockchain & Cybersecurity
- Renewable / Sustainable Energy

Social media handles: /Vidyalankar.VP, /vp_vidyalankar, /Institute Handle, /@vidyalankarpolytechnicoffi6223



State Level Technical Quiz 2025

VP | Vidyalankar
Polytechnic



TechTrek

STATE LEVEL TECHNICAL QUIZ COMPETITION



Who can participate in this event?

Students from the Computer
and Electronics groups.

When is the event happening?

28th September 2024
Saturday

Where is the event happening?

Vidyalankar College Campus,
Wadala East, Mumbai 400037

How can I be a part of it?



Scan the QR code to register

WWW.VPT.EDU.IN

The State Level Technical Quiz, held on 4th October 2025, at Vidyalankar Polytechnic aimed to enhance technical knowledge and foster competition among engineering students in the fields of Computer Science and Electronics. The event featured participants from various colleges across the state and utilized a custom-designed application for conducting the quizzes.

The quiz attracted over 110 students, from different 35 diploma colleges who formed teams in two categories: Computer Engineering and Electronics Engineering. Each team consisted of 2 members, promoting collaboration and teamwork.

Highlights of the Event-

Inauguration: The event was inaugurated by Dr. Ashish Ukidve Principal, Vidyalankar Polytechnic, Mumbai who emphasized the significance of cybersecurity and technical skills in the modern digital landscape.

Custom Application: The quizzes for Rounds 1 and 2 were conducted using a custom-designed application, which provided a seamless and engaging experience for participants.

Chief Guest for Prize Distribution: Mr. Sawant, attended the event as the Chief Guest for the prize distribution ceremony, inspiring participants with his insights into technology and innovation.

Quiz Masters for Final Round: The final round was conducted by esteemed Quiz Masters, Mr. Amaya Samant and Mr. Rodrigs, who added an engaging and dynamic element to the competition.

Expert Panel: The quiz was moderated by knowledgeable faculty and industry professionals, enhancing the learning experience for participants.



Entrepreneurship and Skill Development Events




Tushar Topale
Social Entrepreneur,
Founder & CVO
Cloud Counselage Pvt. Ltd

Subhi Shildhankar
Social Entrepreneur,
Co-Founder & Director - HR
Cloud Counselage Pvt. Ltd

Entrepreneurship Development Committee organizes Founder's Talk: Inspiring Journeys and Visionary Ideas

Date : 27 th September 2025
Time : 10:30 AM - 12:30 PM
Venue : B105




Activity Name :The Founders' Talk

Date of activity :27/09/2025

No. of Attendees : Students : 220

Staff : 03

The Founders' Talk was organized to provide students with an opportunity to learn directly from accomplished entrepreneurs and industry leaders. The objective of the session was to inspire students, expose them to real-world experiences, and motivate them to pursue innovation, creativity, and entrepreneurial thinking.

On 27th September 2025, Founder and CVO of Cloud Counselage Pvt. Ltd Mr. Tushar Topale and Co-Founder & Director Ms. Subhi Shildhankar delivered a Founder's Talk at Vidyalankar Polytechnic.


Through this session, they shared their audacious founder journeys, the challenges and wins that shaped them, and most importantly, how entrepreneurial mindsets can transform problems into projects and ideas into impact.

The response was overwhelming, and students walked away with renewed confidence, and faculty expressed their gratitude for collaboration.

ENTREPRENEURSHIP DEVELOPMENT COMMITTEE organizes

Entrepreneurship Awareness Program


Lets Learn, Lead and Launch



DATE OF EVENT
MONDAY, 15TH SEPT 2025

TIME OF EVENT
10:15 AM

VENUE OF EVENT
VIDYALANKAR POLYTECHNIC



Activity Name : Entrepreneurship Awareness program

Date of activity :15/09/2025

No. of Attendees : Students : 265 Staff : 03

The objective of the Entrepreneurship Awareness Program was to create awareness and understanding of entrepreneurship among students. The session aimed to educate students on the fundamentals of starting and managing a business, foster an entrepreneurial mindset, and inspire innovation, creativity, risk-taking, and opportunity recognition.

The program was organized by Entrepreneurship Development Committee in various classes.


The Entrepreneurship Awareness Program successfully met its objective of inspiring students to think like entrepreneurs. It helped cultivate a mindset of innovation and risk-taking while highlighting the opportunities available for aspiring business founders. The organizing committee expressed gratitude to the speaker, participants, and management for their support in making the event a success.



Entrepreneurship and Skill Development Events

ENTREPRENEURSHIP DEVELOPMENT COMMITTEE ORGANIZES

WORKSHOP ON BUSINESS STRATEGY



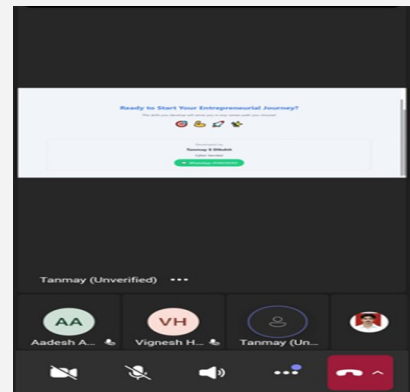
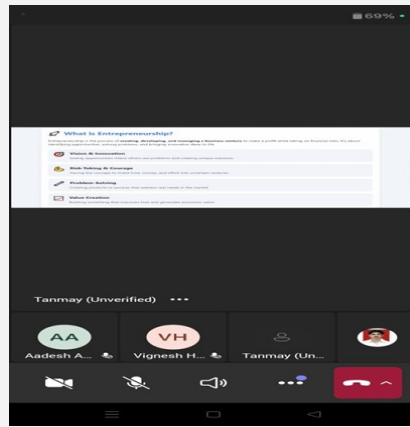
MR. TANMAY DIKSHIT
FOUNDER, CYBER SANSKAR

DATE
TUESDAY, 30TH DEC 2025

TIME
02:45 PM

VENUE
(MS TEAMS)

VP



Activity Name :Workshop on Business Strategy

Date of activity :30/12/2025

No. of Attendees : Students : 105 Staff : 03

A workshop on Business Strategy was organized to enhance participants' understanding of strategic planning and decision-making in a competitive business environment. The workshop focused on key concepts such as the importance of business strategy, vision and mission formulation, environmental analysis, and competitive strategies. Through interactive lectures, case studies, and group discussions, participants gained practical insights into how organizations develop and implement effective strategies. The sessions encouraged critical thinking, teamwork, and problem-solving skills. Overall, the workshop was informative and beneficial, helping participants connect theoretical knowledge with real-world business practices.

The main objectives of workshop are:

- Understand the fundamentals of business strategy
- Analyze business problems using strategic frameworks
- Develop strategic solutions for given business scenarios

Seminar on Building a Secure Digital Ecosystem: Cyber Security

VP Vidyalankar Polytechnic

Seminar On
BUILDING SECURE DIGITAL ECOSYSTEMS: CYBER SECURITY IN AI, IOT, AND APPLICATIONS

Join us for a seminar that explores the fast-evolving world of cybersecurity and its powerful applications across AI, IoT, and the digital frontier

01 member from every project group is compulsory

23rd August 2025 09:00 AM - 12:00 PM

B.105, VIT Building

Expert Speaker
Naresh Kumar
Assistant Manager Information Security
Tata AIA Life Insurance

Organising Members IIIC and FYPQ Committee




The seminar aimed to create awareness among final year students about the importance of building secure digital ecosystems in the emerging domains of Artificial Intelligence (AI), Internet of Things (IoT), and Web Applications. Project group leaders from the Department of Computer Engineering and Information Technology had attended the session

The session was delivered by Mr. Naresh Kumar -Assistant Manager, Tata AIA Life Insurance. The session emphasized practical approaches, tools, and methodologies for identifying threats, assessing risks, and integrating security into the Software Development Life Cycle. This lecture also covered-. Threat and Risk Assessment, Importance of Secure Coding Practices, Security Checklist for Final Year Projects.

The session was highly interactive, with students participating in discussions and practical exercises related to real-world threat scenarios.

Industry Institute Interaction Committee Events-Expert Lecture

Session on Be Cyber Safe

VP | Vidyalankar Polytechnic
Department of Electronics & Computer Engineering

Presents
Expert session
On
Be Cyber Safe: How to protect Your data



On 01/08/2025
At
12.30pm to 1.30pm TE3A&B
1.30pm to 2.30pm TE3C

Speaker:

Mr. Naresh Kumar
Cyber Security head TATA AIA

Key Takeaway's: The session aims at creating awareness amongst teenagers on how to be safe online, dos and donts, and also give them insights on becoming cyber professionals.

Industry Institute Interaction Committee had organized a session on 'Be Cyber Safe' by Mr. Naresh Kumar from Tata Insurance on 1st August 2025 for second year of Electronics & Computer Engineering

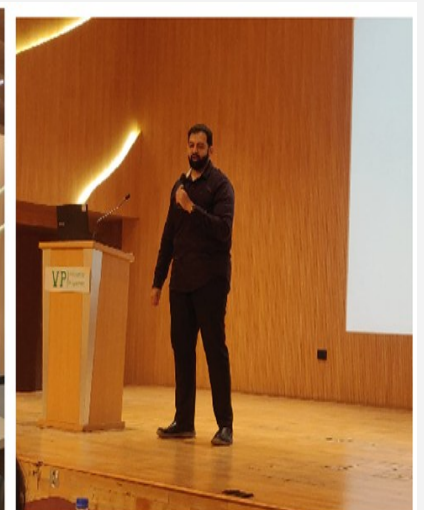
He gave students the dos and don'ts of Cyber Safety. It also helped students know the helpline numbers, what to post on the social media and what not to.

The session included recent examples on cyber crime, how to keep strong passwords & some case studies on how the society is getting trapped.

- **Total Participants:** 174

- **Faculty Members:** 02

Students: 176



Industry Institute Interaction Committee Events-Industrial Visits

Visit to Saffron Power Innovations, Rabale



**INDUSTRY INSTITUTE INTERACTION
COMMITTEE
ORGANIZES**

VISIT TO

**SAFFRON POWER INNOVATIONS
RABALE, NAVI MUMBAI**

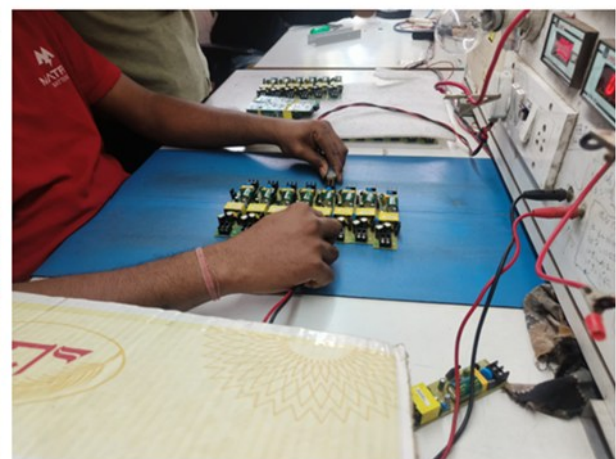
DATE: 19th JULY 2025
TIME: 10.30 am

Industry Institute Interaction Committee had organized a visit to Saffron Power Innovations, ASANGAON, on 19th July 2025 for their second year students of Electronics & Computer Engineering.

Students were introduced to different types of SMPS, short circuit, open circuit testing methods. The various types of LED drivers assembling & testing methods were demonstrated.

The visit aimed at also giving students insights on logistics, store keeping, stock taking, building circuits at the base level & troubleshooting methods, different LASER cutting methods were shown

- **Total Participants:** 32
- **Faculty Members:** 01 , **Students :** 31



Industrial Visit to Telawne Power Equipment



**INDUSTRY INSTITUTE INTERACTION
COMMITTEE
ORGANIZES**

VISIT TO

TELWANE POWER EQUIPMENTS

**VENUE: R-457, Rabale,
Navi Mumbai - 400701**

Time: 10.00 am (batch 1)
11.30 am (batch 2)

Date: 18th July 2025



Industry Institute Interaction Committee had organized a visit to Telawne Power Equipment: Rabale factory & Taloja Factory on 18th July 2025 for second year students of Electronics & Computer Engineering (TE3A)

The visit was to make the students acquainted with industry culture, different manufacturing procedures, their logistics & safety methods.

Students also got an experience to see construction of a distribution transformer, 3 phase transformer and some important testing methods

Industry Institute Interaction Committee Events-Industrial Visits

Visit to MEDIRAYS CORPORATION, ASANGAON



**INDUSTRY INSTITUTE INTERACTION
COMMITTEE
ORGANIZES**

VISIT TO

**VISIT TO MEDIRAYS INSTRUMENTS,
ASANGAON**

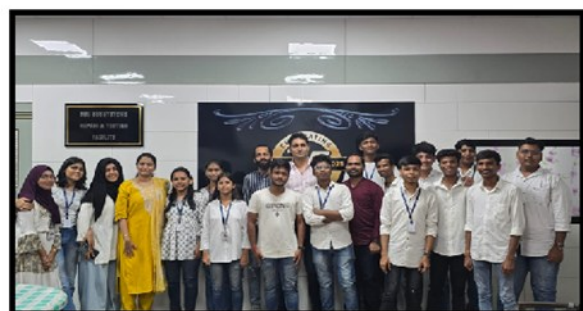
DATE: 19th JULY 2025
TIME: 10.30 am

Industry Institute Interaction Committee had organized a visit to MEDIRAYS CORPORATION, ASANGAON, on 19th July 2025 for their second year students of Electronics & Computer Engineering.

Medirays Imaging Pvt. Ltd is involved in Import, Export, Sales and Service of Medical Radiology Equipment. Students got to see the first generation computers, super computer, CT Scan machines, MRI machines & Ferromagnetic detectors.

The entire system operations were explained to the students, the radiology methods, the electronics in the systems and upcoming bio-medical electronics developments along with the computer simulations

No. of Attendees : Students : 31 Staff : 01



Visit to Somaiya Vidyavihar University



Description- Industry Institute Interaction Committee had organized a visit to Somaiya Vidyavihar University, on 27th August 2025 for the faculty members of Vidyalankar Polytechnic.

The visit to the Cybersecurity Lab was organized to gain practical exposure to modern cybersecurity tools, technologies, and practices. The lab visit provided insights into how to setup a laboratory.

During the visit, the following activities were demonstrated:

Network Scanning: Demonstration of port scanning using Nmap to identify open ports and potential vulnerabilities.

Packet Analysis: Using Wireshark to capture and analyze network traffic for anomalies.

Password Cracking Demo: Showing how weak passwords can be cracked using brute-force tools.

Firewall Configuration: Explaining how firewalls are set up to block malicious traffic.

Phishing Awareness: Identifying signs of phishing emails and malicious links.

No.of attendees : staff -03



Teachers Day and VP Vardhapan Din

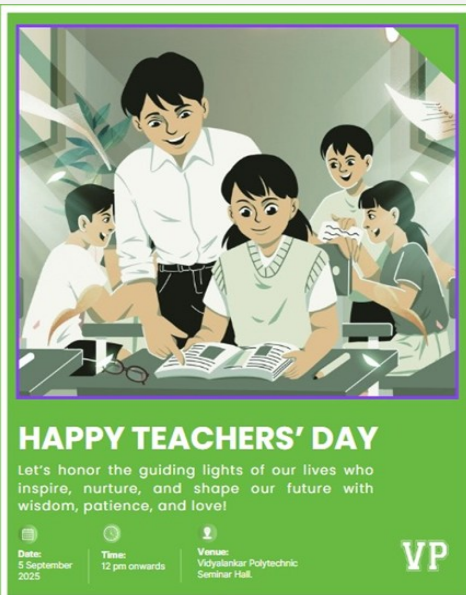
The Teachers' Day was celebrated with great enthusiasm and reverence on 5th September 2025 in Vidyalankar Polytechnic to honor the invaluable contribution of our teachers. The program was organized in the VP Seminar Hall and commenced at 12:00 pm onwards with the arrival of the dignitaries and faculty members.

The celebration began with a warm welcome address, followed by a floral tribute to Dr. Sarvepalli Radhakrishnan, whose birthday is commemorated as Teachers' Day. Students expressed their heartfelt gratitude through speeches, poems, and cultural performances, highlighting the pivotal role teachers play in shaping lives and guiding the future.

Various entertaining and thoughtful activities were conducted by the students to make the teachers feel special and appreciated. The atmosphere was filled with joy, respect, and admiration, as teachers actively participated and enjoyed the performances.

Our respected Principal addressed the gathering, appreciating the dedication of the faculty and encouraging students to uphold the values instilled by their teachers. The event concluded with a vote of thanks, followed by a light refreshment session.

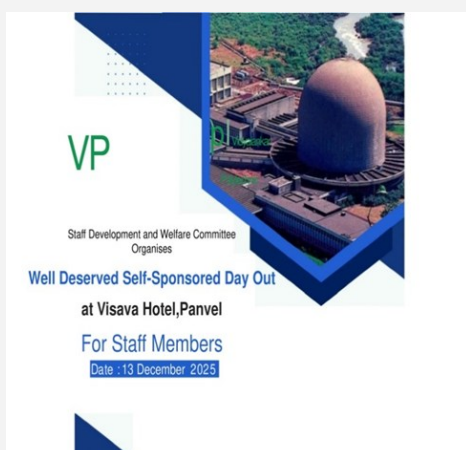
Overall, the Teachers' Day celebration was a memorable occasion, reflecting the deep bond between teachers and students, and served as a reminder of the noble profession that shapes the destiny of individuals and society.



Staff Welfare Activity-Well Deserved Self Sponsored Day out

Under the auspices of a cool drizzle and a breezy day, VP swung to mood of merrymaking and connecting with nature. The teachers and authorities had a staff picnic on 13 December 2025 at Visava Hotel, Panvel. The high lights of the picnic were sumptuous food, outdoor events, swimming outdoor games and antakshari.

The picnic uplifted the mood of all the faculties who mingled as one team under the canopy of VP. The institute celebrated the spirit of belongingness and being in unison with nature. It was rated as one of the prime memorable events of the year.



ISTE Approved State Level Two Weeks FDP on Role of AI in Next Generation Applications

Vidyalankar Polytechnic, Staff Development Committee conducted ISTE Approved State Level Two Weeks FDP on Role of AI in Next Generation Applications from 16 June to 28 June 2025. The Week-long programme included 24 sessions which consisted of prominent speakers from various universities.

Outcomes of FDP;

1. Equip participants with a foundational understanding of AI concepts, techniques and terminologies relevant to engineering.
2. Demonstrate various applications of AI in different engineering fields such as mechanical, civil, electrical and computer engineering.
3. Guide teachers in integrating AI topics into existing engineering curricula enhancing course relevance and student engagement.
4. Encourage educators to explore AI-driven research opportunities and innovative practices within their disciplines.
5. Update participants on current trends and future directions of AI in engineering ensuring they remain informed and relevant in their teaching.

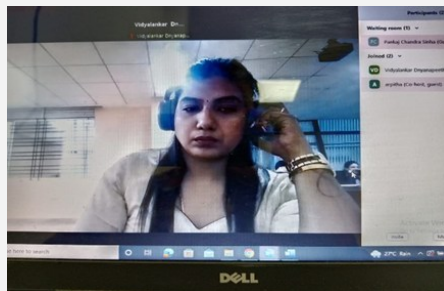
VP Vidyalankar Polytechnic
www.vpt.edu.in

Vidyalankar Polytechnic, Mumbai
Staff Development Committee
Organizes
ISTE Approved Two Week State level
Faculty Development Program

Role of AI in Next Generation Applications

Program Schedule
Duration of Course: 16th – 28th June 2025
Course Timing: 10.00 am onwards
Mode: ONLINE

Event Patron Dr. Ashish Ukidve (Principal, VP)	Committee Mentor Prof. Vaishali Malkar (Vice Principal, VP)
Co-ordinator Prof. Pratik Tawde (Committee Convener) (9607250537) Prof. Anjali Charat (9895379882) Prof. Tamvi Ghole (98-0053223)	



One Week Training Program on Drone Assembly, Fundamentals and Application

Vidyalankar Polytechnic, Staff Development Committee conducted One Week Training Program on Drone Assembly, Fundamentals and Application in collaboration with NITTTR, Chandigarh from 30th June to 04th July 2025. The Week-long programme included 15 sessions which consisted of prominent speakers from various universities.

VP Vidyalankar Polytechnic
www.vpt.edu.in

Staff Development Committee
**National Institute of Technical Teachers
Training & Research, Chandigarh**
(Ministry of Education, Government of India)

**Training Program on
Drone Assembly, Fundamentals
and Applications**

Date: 30th June – 4th July 2025
Time: 10 a.m. onwards
Mode: Online

COURSE COORDINATORS

Dr. Garima Saini
Assistant Professor, Electronics & Comm. Engg., NITTTR, Chandigarh

Dr. Sukhdeep Singh Dhali
Professor and Head, Electronics & Comm. Engg., NITTTR, Chandigarh

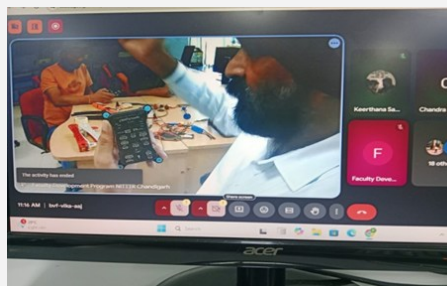
PROGRAM OUTCOMES:

- Describe the building blocks of the Drone system.
- Explain functions of various blocks of the Drone subsystems
- DGCA rules and regulations for Drone.
- Use of Drones for various applications.
- Drone Control through IoT platform.

Organizing Team
Dr. Ashish Ukidve (Principal)

Committee Mentor
Prof. Vaishali Malkar (Vice Principal)

Local Coordinators
Prof. Pratik Tawde - Committee Convener | Prof. Anjali Charat | Prof. Tamvi Ghole



Vidyalankar Polytechnic, Staff Development Committee conducted One Week Training Program on Empowering Educators with AI Tools for Smarter Teaching and Future-Ready Curriculum Design from 07 July to 11 July 2025. The Week-long programme included 10 sessions which consisted of prominent speakers from various universities.

Outcomes of Training Program

1. Explain the basic concepts of AI and its relevance to education.
2. Identify various categories of AI tools applicable to teaching, assessment and curriculum development.
3. Demonstrate how to use AI-powered tools to enhance lesson planning and content delivery.
4. Create interactive and personalized learning experiences using AI platforms and chatbots.

VP Vidyalankar Polytechnic

Staff Development Committee
National Institute of Technical Teachers Training & Research,
Chennai (Ministry of Education, Government of India)

ONLINE TRAINING PROGRAM ON
Empowering Educators with AI Tools for Smarter Teaching and Future-Ready Curriculum Design

7th – 11th July 2025 | 10 a.m. onwards

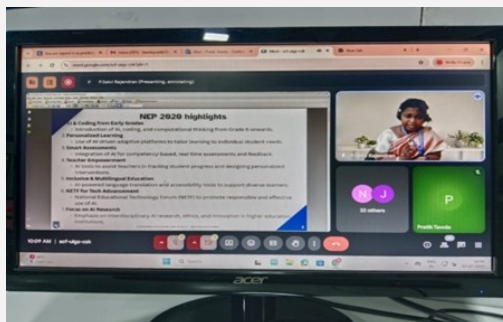
Course Coordinator
Dr. P. Selvi Rajendran Professor
Department of Curriculum Development and
Capacity Building NITTTR, Chennai

Program Outcomes :-

- Explain the basic concepts of artificial intelligence and its relevance to education.
- Identify various categories of AI tools applicable to teaching, assessment, and curriculum development.
- Demonstrate how to use AI-powered tools (e.g., ChatGPT, Google Bard, AI lesson planners) to enhance lesson planning and content delivery.
- Create interactive and personalized learning experiences using AI platforms and chatbots.
- Evaluate and adopt AI tools that support differentiated instruction for diverse learner needs.
- Employ AI tools for formative and summative assessment design (e.g., automated quizzes, essay grading platforms).
- Use AI to generate instant feedback for learners to support self-paced learning.
- Analyze student performance data with AI dashboards to inform instructional decisions.
- Utilize AI tools to map curriculum outcomes, competencies, and learning pathways.
- Redesign existing curricula to incorporate digital and AI-enhanced learning elements.
- Co-create interdisciplinary and future-ready learning modules using AI support.
- Recognize ethical implications, data privacy, and biases associated with AI in educational settings.
- Develop strategies for responsible and equitable AI integration in classrooms.
- Engage in professional learning communities to share best practices and AI integration experiences.
- Reflect critically on the impact of AI tools on teaching effectiveness and learner engagement.

Local Coordinators :-

- Prof. Pratik Tawde (Committee Convener)
- Prof. Anjali Ghant
- Prof. Tarni Ghole
- Dr. Ashish Ukdive (Principal)
- Prof. Vaishali Malkar (Vice Principal & Committee Mentor)



One Week Training Program on Industry-Academic Linkages in Higher Educational Institute

Vidyalankar Polytechnic, Staff Development Committee conducted One Week Training Program on Industry-Academic Linkages in Higher Educational Institute from 21 July to 25 July 2025. The Week-long programme included 10 sessions which consisted of prominent speakers from NITTTR, Chandigarh.

VP Vidyalankar Polytechnic

Staff Development Committee
National Institute of Technical Teachers
Training & Research, Chandigarh
(Ministry of Education, Government of India)

Training Program on
Industry-Academic Linkages in Higher Educational Institute

21st to 25th July 2025
10 a.m. Mode: Online

PROGRAM OUTCOMES:

- To bridge the gap between theoretical learning and practical implementations.
- To learn new techniques, tools and methodologies relevant to faculty's field and acquire valuable industry specific skills.
- Faculties can establish connections and build mentorships with professionals in their field of interest.
- Faculties can enhance the employability of students and prepare them for their future careers.
- Faculties can observe and understand the organizational structure, work process and culture of the industry as well as roles and responsibilities of different professionals.

COURSE COORDINATORS

Dr. Nraj Bala
Professor, Entrepreneurship Dev. and Industrial Coordination
NITTTR, Chandigarh

Organizing Team
Dr. Ashish Ukdive (Principal)

Committee Mentor
Prof. Vaishali Malkar (Vice Principal)

Local Coordinators
Prof. Pratik Tawde - Committee Convener | Prof. Anjali Ghant | Prof. Tarni Ghole

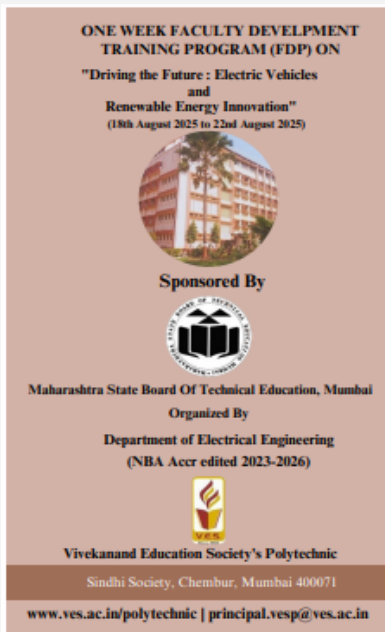


Staff Training-MSBTE Sponsored One Week Faculty Development Training Program on "Driving the Future-Electric Vehicles and Renewable Energy Innovation" Organized by VES Poly-

MSBTE has arranged Training program at VES Polytechnic, Mumbai for the faculties of CO/EJ/IF department of affiliated polytechnics On "Driving the Future-Electric Vehicles and Renewable Energy Innovation" from 18/08/2025 to 22/08/2025.

Program Objectives:

To equip faculty members with advanced knowledge and practical insights on the latest developments in electric vehicles (EVs) and renewable energy technologies, fostering innovation and research capabilities that contribute to sustainable transportation and clean energy solutions. The program aims to enhance interdisciplinary understanding, encourage integration of emerging technologies into curriculum, and promote collaboration between academia and industry for driving the future of green mobility and energy.



Training on Digital Literacy-AI in Administration for Non-Teaching Staff Member

A training session on Digital Literacy – AI in Administration was organized for the non-teaching staff members of Vidyalkar Polytechnic on 15/09/2025. The program was aimed at enhancing digital competencies and familiarizing participants with the role of Artificial Intelligence (AI) in improving administrative efficiency. This initiative reflects the institution's commitment to upskilling its workforce in line with modern technological advancements. Dr. Shrikant Mulik, Director and CEO, Vidyarjan Academy Pvt. Ltd. delivered session.

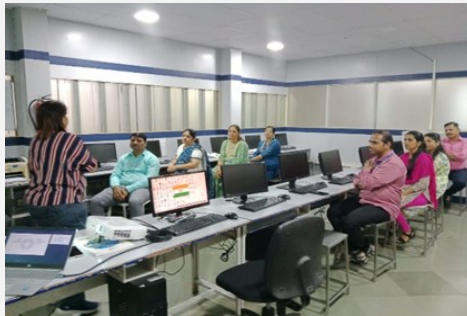


Training on Event and Meeting Coordination for Non-Teaching Staff Members

An Expert Lecture on Event and Meeting Coordination was organized on 15/09/2025 for the non-teaching staff of Vidyalankar Polytechnic to strengthen their skills in planning, supporting, and managing institutional events and meetings. The session aimed at equipping staff members with practical knowledge and techniques to ensure smooth execution of academic as well as administrative activities. Ms. Parinaz Siganporia, Independent Contributor, Learning and Development Pvt. Ltd. delivered session.

Objectives:

- 1.Master Event and Meeting Fundamentals
- 2.Know different event and meeting types
- 3.Navigate coordination and Logistics



Expert Lecture on Financial Literacy for Teaching and Non-Teaching Staff Members

Vidyalankar Polytechnic, Staff Development Committee conducted Expert Lecture on Financial Literacy on 13 September 2025. Mr. Amol Marekar, Financial Educator, SEBI-Securities Market Trainer, NISM Certified, Investment Education Advocate delivered session.

This training covers Investment Planning and Wealth Creation, Stock Market Fundamentals and Capital Market Analysis, Retirement Planning and Debt Management, Financial Literacy for students and Young Professionals, Women Empowerment in Finance, Risk Management and Portfolio Diversification and career opportunities in the BFSI Sector.



A one-week MSBTE Sponsored and ISTE approved FDP on "Cyber Security and Digital Forensic" was conducted by Department of Computer Engineering and Department of Information Technology for the staffs from 13/10/2025 to 17/10/2025. The Resource Person was Dr. Uddesh Vaidya Founder, Director, VAPT Cyber Security Trainer, Aartech Webwork and Cyber Security, Mumbai and Dr. Aftab Khan-Founder and CEO, Photrum Technologies, Mumbai. Chief Guest for FDP was Hon. Shri. Umesh Nagdeve-Secretary, MSBTE, Mumbai.

Objectives:

1. Equip participants with –Advanced Cybersecurity skills for facing real-world cyber security challenges and Digital Forensics skills for effective investigation and evidence analysis.
2. Provide Physical Hands-on experience with networking device, security controllers as well as digital forensic tools and techniques used in real world scenarios.



VP Vidyalankar Polytechnic

Vidyalankar Polytechnic, Mumbai
Dept. of Computer Engineering & Dept. of Information Technology
Organizes
Maharashtra State Board of Technical Education Sponsored & ISTE Approved

Faculty Development Training Program
on
Cyber Security and Digital Forensics

13 Oct.-17 Oct. 2025
10 am - 5 pm

Vidyalankar Polytechnic
Vidyalankar College Marg,
Wadala (E)

Event Patron
Dr. Ashish Likhive (Principal)
Prof. Vaishali Mankar (Vice-Principal)

Convener
Prof. Vijay Patil (HOD - Computer Engg.)
Prof. Yogita Khandagale (HOD - Information Technology)
Prof. Anjam Mujawar (HOD - Electronics & Computer Engg.)

Program Co-ordinator
Prof. Pratik Tawde (99672 58837)

Organizing Committee
Prof. Manisha Pokharkar (98707 94357)
Prof. Anjali Gharat (98193 79882)
Prof. Taneli Ghole (98700 51223)

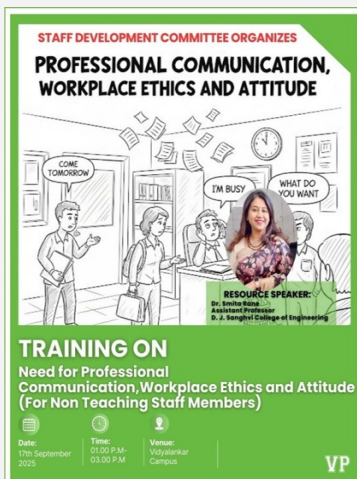


Training on Need for Professional Communication, Workplace Ethics and Attitude for Non-Teaching Staff Member

A training program on Professional Communication, Workplace Ethics, and Attitude was organized for the non-teaching staff members of Vidyalankar Polytechnic. The aim of the session was to strengthen interpersonal communication skills, promote ethical workplace behavior, and encourage a positive attitude to enhance institutional efficiency and harmony. Dr. Smita Rane, Assistant Professor, D.J. Sanghvi College of Engineering, Mumbai delivered session.

Objectives:

1. To develop effective professional communication skills for smooth institutional functioning.
2. To create awareness about workplace ethics, integrity, and responsibilities.



STAFF DEVELOPMENT COMMITTEE ORGANIZES
PROFESSIONAL COMMUNICATION, WORKPLACE ETHICS AND ATTITUDE

TRAINING ON
Need for Professional Communication, Workplace Ethics and Attitude
(For Non Teaching Staff Members)

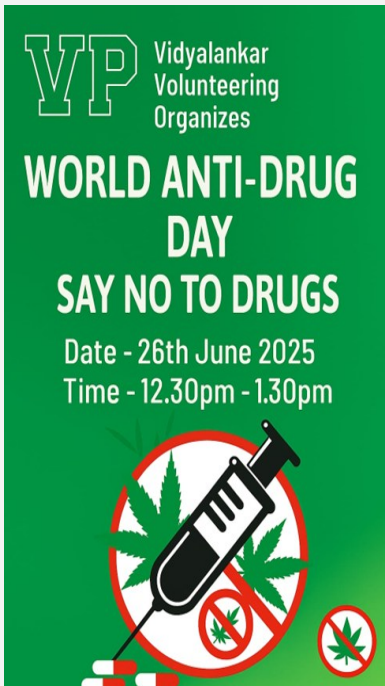
RESOURCE SPEAKER:
Dr. Smita Rane,
Assistant Professor
D. J. Sanghvi College of Engineering

Date: 17th September 2025
Time: 01.00 P.M. - 02.00 P.M.
Venue: Vidyalankar Campus

VP



Volunteering Committee Events



On the occasion of International Day Against Drug Abuse and Illicit Trafficking, observed annually on 26th June, the Volunteering Committee organized an impactful Anti-Drug Awareness Program aimed at educating students and faculty members about the harmful consequences of drug abuse and encouraging a healthy, drug-free lifestyle.

The primary objective of this program was to spread awareness about the dangers of drug use and addiction, promote positive peer influence and mental well-being, and support international efforts to combat drug abuse and trafficking.

The event began with a rally around the campus, where students carried banners and placards with anti-drug slogans such as "Say No to Drugs, Say Yes to Life" and "Your Life Matters – Stay Drug-Free". A creative digital poster making competition was held, encouraging students to express their anti-drug messages through art and words



The Volunteering Committee organized "Celebrating Helping Hands" on 27th September 2025 at W007 to honor the college helpers.

The event included fun games, music, snacks, and tokens of appreciation. Helpers actively participated and enjoyed the program, making it a joyful and memorable occasion.

Number of participants: 40+



A 30 green board and 50 benches were donated to SAMPARC Organisation with the objective of supporting the educational infrastructure for the students. This initiative is intended to enhance the teaching-learning process by providing essential classroom facilities. The organisation conveyed their appreciation for the support, acknowledging the positive impact these resources will have on the academic environment.

Number of participants: 100+

Volunteering Committee Events



Vidyalankar Volunteering committee celebrated "Har ghar Tiranga" campaign conducting number of Activities such as

Decoration - 13-08-2025

Partition Horrors Remembrance Day -14-08-2025

Flag Hoisting Ceremony-15-08-2025

The campaign aims to promote awareness of the flag and patriotism, and to symbolize personal involvement in nation-building. It has also been said to have had a positive impact on children and young people, inspiring them to preserve memories of India's freedom struggle

Number of participants: 100+

No. of Attendees- Staff-35



Mental health awareness workshop
Mind Gym

Day and date : Friday 25/07/2025

Time : 10 AM – 2 PM

Venue : Manshakti kendra, Lonavala

Volunteering committee organized one day workshop.

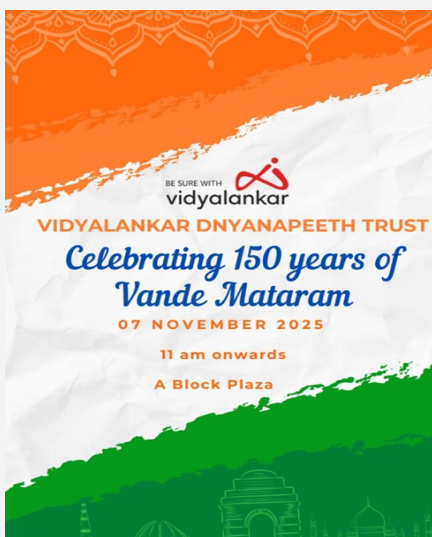
Mind Gym- Mental health awareness for Students.

The workshop was conducted at Manshakti kendra, Lonavala on Thursday 25/07/2023.

The workshop involved many activities and experiments to boost concentration, peace, intuition, creativity, coordination and so on.

The students also attended a session which guided them to achieve better mental health.

Number of participants: 35



Vidyalankar Polytechnic proudly celebrated 150 years of Vande Mataram, the National Song of India composed by Bankimchandra Chattopadhyay. The event was organised to honour the song's legacy as a symbol of unity, pride, and patriotism.

A brief commemorative program was held from 11:00 a.m. to 11:20 a.m., followed by group singing of Vande Mataram by selected students of VP, VIT and VSIT. The celebration, marked by participants dressed in white formals, reflected our shared respect and devotion towards the nation. Number of participants: 100+

No. of Attendees

Staff-120