



1<sup>st</sup> July 2024 to 31<sup>st</sup> December 2024

## Vision of the Department:

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

## Mission of the Department:

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

## Programme Educational Objectives:

- Provide socially responsible, environment friendly solutions to Electronics and Telecommunication engineering related broad-based problems adapting professional ethics.
- Adapt state-of-the-art Electronics and Telecommunication engineering broad-based technologies to work in multi-disciplinary work environments.
- Solve broad-based problems individually and as a team member.

## Programme Outcomes:

- Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- 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.
- Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- 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.
- Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes

## Programme Specific Outcomes:

- Electronics and Telecommunication Systems:Maintain various types of Electronics and Telecommunication Systems.
- EDA Tools Usage:Use EDA tools to develop simple Electronics and Telecommunication engineering related circuits.

## Prof. Anjum Mujawar

HEAD OF DEPARTMENT, ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Hi Everyone,

The Department of Electronics and Telecommunication 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 EXTC 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.Smart cities don't depend only on IT but as a basic infrastructure it is purely dependent on electronics Society.

## WHAT'S INSIDE

**HOD'S Desk**

**HOD Achievement**

**Staff Activities-FDP/Publications**

**Student Activities**

**Committee Activities**

**Students Achievements**

**Faculty Achievements**

**Faculty Talk**

**MOU's**

**Interaction with Outside World**

**Academic Rankers**

**Students Corner**

**Editor's Pick**



**Prof. Anjum Mujawar received NMLC-FCRIT Academic Excellence Special Mention Award**

## Staff Activities-Faculty Development Programs (FDP)



### Faculty Development Programs (FDP)

|                                | Faculty Development Program (FDP) organized in Aug, Sept, Nov and Dec 2024 (Staff Development Committee)   |   |   |   |
|--------------------------------|--|---|---|---|
|                                | Technical Training   | Technical Training  | Technical Training  | Human Skill Training  |
| Theme / Subject                | (Technical)<br>ISTE Approved One Week FDP on IOT and Ubiquitous Computing for Emerging Technical Applications  | (Technical)<br>One Week Training Program on Cryptography and Network Security in Collaboration with NITTTR, Chandigarh  | (Technical)<br>FDP on "Software Robotics Process Automation (RPA)" during November 4th-15th, 2024 in association with EICT academy, National Institute of Electronics & Information Technology, Gorakhpur sponsored by MeitY, GOI | (Human Skill)<br>FDP on Nurturing Future Leadership Program under Aegis of MMTPP in Collaboration with IIM Mumbai |
| TG                             | Teaching Staff   | Teaching Staff  | Teaching Staff  | Teaching Staff  |
| Date                           | 26/08/2024 to 30/08/2024   | 16/09/2024 to 20/09/2024  | 04/11/2024 to 15/11/2024  | 09/12/2024 to 13/12/2024  |
| Instructor                     | Mr. Gaurav Singh<br>Dr. Rupali Bora<br>Mr. Bhavin Darji<br>Dr. Sagar Tambe<br>Dr. SRINIDHI N N<br>Dr. O S Jannath Nisha,<br>Dr. Kavita Sultanpure,<br>Dr. Gururaj H L,<br>Dr. Priya S, Dr. Shreyas | Dr. Mala Kalra<br>Dr. Anup Girdhar<br>Dr. C. Rama Krishna<br>Dr. Nitesh V. Patil<br>Dr. Ashu Sharma<br>Er. Vipin Gupta<br>Adv. Nisheet Dixit<br>Sh. Gurcharan Singh | Mr. Ravi Rastogi<br>Joint Director/Scientist-D<br>NIELIT Gorakhpur<br><br>Mr. Ritesh Pratap Rao<br>Deputy Director/Scientist-C<br>NIELIT Gorakhpur  | Prof. Nikhil K. Mehta<br>IIM Mumbai   |
| Name of Faculty (FDP Attended) | Prof. Suresh Gupta<br>Prof. Shilpa Gaikwad<br>Prof. Kirti Gupta<br>Prof. Helina Tandel<br>Dr. Sandhya Kumar<br>Prof. Pranesh Naik<br>Prof. Shanti K.<br>Prof. Sonal Chavan<br>Prof. Trupti Dudhat  | Prof. Manisha Pokharkar<br>Prof. Archana Gopnarayan<br>Prof. Sushma Pawar   | Prof. Apurva Wadekar<br>Prof. Anjali Gharat<br>Prof. Rasika Patil<br>Prof. Prerana Jalgaonkar<br>Prof. Samidha Chavan<br>Prof. Sangeeta Shirsat<br>Prof. Gauri Bobade<br>Prof. Kalyani Pawar                                      | Prof. Vaishali Mulkar<br>Prof. Anjum Mujawar<br>Prof. Vijay Patil<br>Prof. Yogita Khandagale                      |

**VP** Vidyalankar Polytechnic

Vidyalankar Polytechnic Mumbai,  
Staff Development Committee  
organizes

**ISTE APPROVED ONE WEEK FACULTY DEVELOPMENT PROGRAM**  
OR  
**IOT AND UBIQUITOUS COMPUTING FOR EMERGING TECHNICAL APPLICATIONS**

**Program Schedule**

Duration of Course: 26th to 30th August 2024  
Course Timing: 10 a.m. onwards  
Mode: Online

**Event Patron**  
Dr. Ashish Ukide  
Principal, Vidyalankar Polytechnic

**Committee Mentor**  
Prof. Vaishali Mulkar  
Vice principal, Vidyalankar Polytechnic

**Coordinator**  
Prof. Pratik Tawde (Convener) | 967250837  
Prof. Anjali Gharat | 9819379882  
Prof. Tanvi Ghole | 9870051223

**VP** Vidyalankar Polytechnic

**Staff Development Committee**

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

**Training Program on Cryptography and Network Security**

Date: 16<sup>th</sup> - 20<sup>th</sup> September 2024  
Time: 10 am to 4 pm  
Mode: Online

**Course Coordinators:**  
Dr. C. Rama Krishna  
Professor, CSE Dept. & Dean  
NITTTR, Chandigarh

**Local Coordinators:**  
Prof. Pratik Tawde-Committee Convener  
Prof. Anjali Gharat  
Prof. Tanvi Ghole

**Dr. Ashish Ukide**  
(Principal)

**Prof. Vaishali Mulkar**  
(Vice Principal & Committee Mentor)

**Er. Amrendra Sharan**  
CSE Department  
NITTTR, Chandigarh

**Program Objective:**  
1. To train the participants in the concept of Conventional Encryption, Public Key Encryption, Number Theory, Authentication and Hash Functions, Network security Tools and Applications and System level Security.  
2. To introduce the concepts with numerous examples in order to have better experience and in-depth knowledge.  
3. To develop and enhance the theoretical and analytical skills in solving numerous problems.

**VP** Vidyalankar Polytechnic

**Staff Development Committee in Collaboration with**  
National Institute of Electronics & Information Technology, Gorakhpur  
(An Autonomous Scientific Department, Under Ministry of Electronics & Information Technology (MeitY), Government of India)

**Organizes**  
**Two Weeks Faculty Development Program (Online)**  
**Robotics Process Automation (RPA)**  
Sponsored by Ministry of Electronics & Information Technology (MeitY), Under EICT Academy Phase-II Scheme

**4th - 15th November 2024 | 10:00 a.m. onwards**

**Course Coordinators**  
Mr. Ravi Rastogi  
Joint Director / Scientist - D  
NIELIT Gorakhpur

**Course Co-ordinators**  
Mr. Ritesh Pratap Rao  
Deputy Director / Scientist - C  
NIELIT Gorakhpur

**Program Outcomes:**  
• Advanced knowledge and skills: Gain expertise in emerging technology areas.  
• Enhanced Teaching capabilities: Align with the latest industry and academic standards.  
• Opportunities for Professional Development: Fulfilling NEP 2020 mandate of professional training per year.  
• Expert led Sessions & Hands-on practical, comprehensive coverage of topics, Case Studies, real-world examples for a practical understanding  
• Promoting emerging areas of technology and other high priority areas that are pillars of both, the "Make in India" and the "Digital India" programmes of MeitY.

**Local Coordinators:**  
Prof. Pratik Tawde (Committee Convener)  
Prof. Anjali Gharat, Prof. Tanvi Ghole

**Dr. Ashish Ukide (Principal)**  
**Prof. Vaishali Mulkar**  
(Vice Principal & Committee Mentor)

**VP** Vidyalankar Polytechnic

**Staff Development Committee**  
Indian Institute of Management, Mumbai  
Organizes

**NURTURING FUTURE LEADERSHIP PROGRAMME**  
UNDER THE AEGIS OF  
**MALAVIYA MISSION TEACHER TRAINING PROGRAMME**  
(MMTPP) 2024

**09th - 13th December 2024 | 10 a.m. onwards**  
IIM Mumbai Campus

**Programme Focus:**  
• Building Academic Leadership  
• Development of Teaching Skills  
• Research Methods and Publications  
• Industry and Social Outreach  
• Institute Administration

**Dr. Ashish Ukide (Principal)**  
**Prof. Vaishali Mulkar** (Vice Principal & Committee Mentor)

**Local Coordinators:**  
Prof. Pratik Tawde (Committee Convener)  
Prof. Anjali Gharat, Prof. Tanvi Ghole

## Staff Activities-Paper Publication

| S. No | Title of the Paper  | Conference / Journal / Workshop / National / International / Online Journal | Title of the Conference / Journal / Workshop | Author Name  | Organised by | Venue     | Date     | Vol. No. and pp.                      | Impact factor, if any |
|-------|---|---|--|--------------|--------------|-----------|----------|---------------------------------------|-----------------------|
|       | Leveraging Artificial Intelligence with Power BI for Enhanced Business Intelligence | International Journal   | IJRCCCE                                      | Pratik Tawde | IJRCCCE      | New Delhi | 06/10/24 | Volume 12<br>Issue 10<br>October 2024 | 9.24                  |
|       | "Industry 4.0   | International Journal   | IJRCCCE                                      | Pratik Tawde | IJRCCCE      | New Delhi | 06/10/24 | Volume 12<br>Issue 10<br>October 2024 | 9.24                  |

## Staff Activities-Expert Lectures/Workshops

| Expert Lectures   |   |  |  |  |   |
|---|---|--|--|--|---|
| Expert Lectures organized in Oct and Nov 2024 (Staff Development Committee) |   |  |  |  |   |
|   | Technical Training  | Technical Training   | Behavioral Training  | Behavioral Training  | Pedagogical Training  |
| Theme / Subject   | (Technical)<br>Training Session on How to Design PBL              | (Technical)<br>Industry Expert Lecture on DWDM-Telecom Transport Technology  | (Behavioural)<br>Training Session on Proactive Behaviour   | (Behavioural)<br>Training Session on Proactive Behaviour   | (Pedagogy)<br>Training Session on How to Prepare an Effective Presentation  |
| TG  | Teaching Staff  | Teaching Staff/ Non Teaching Staff   | Teaching Staff   | Non Teaching Staff   | Teaching Staff  |
| Date  | 03/10/2024  | 09/11/2024   | 11/11/2024   | 14/11/2024   | 18/11/2024  |
| Instructor  | Dr. Anita Diwekar<br>PhD in Education<br>Technology<br>IIT Bombay | Mr. Mukesh Ghuriani<br>Head Engineering<br>Enterprise Telecom Network<br>Vice President<br>Tata Teleservices Ltd.  | Dr. Kirti Potkar<br>PhD in Counselling<br>Psychology, USA  | Dr. Kirti Potkar<br>PhD in Counselling<br>Psychology, USA  | Prof. Ishaan Upadhyay<br>Assistant Professor<br>General Engineering<br>VIT, Mumbai  |
| Name of Faculty (Expert Lectures Attended)                                  | Prof. Samidha Chavan<br>Prof. Prasad Koyande                      | Prof. Anjali Gharat<br>Prof. Avantika Jadhav<br>Prof. Gauri Bobade<br>Prof. Minal Gorde<br>Ms. Muskan Mollick<br>Prof. Pranali Patil<br>Prof. Pratik Tawde<br>Prof. Rasika Patil<br>Prof. Servesh Gupta<br>Prof. Shrinivas Palvernekar<br>Prof. Sonali Chavan<br>Prof. Sushma Pawar<br>Prof. Vijayalakshmi Kondal<br>Ms. Swapna Sonawane<br>Ms. Reshma Desai | Prof. Yogita Khandagale<br>Prof. Archana Gopnarayan<br>Prof. Vijay Patil<br>Prof. Manisha Pokharkar<br>Prof. Avantika Jadhav<br>Prof. Vijayalakshmi Kondal<br>Prof. Natasha Brahme<br>Prof. Pradeep Shirke<br>Prof. Rasika Patil<br>Prof. Parinita Chandeekar<br>Prof. Sonali Chavan<br>Prof. Sapana Bane<br>Prof. Pratik Tawde<br>Prof. Pranali Patil | Mr. Shubham Misal<br>Ms. Snehal Bhosale<br>Mr. Bhavesh Pawar<br>Ms. Reshma Desai<br>Ms. Muskan Mollick<br>Ms. Samruddhi Navghane<br>Mr. Swapnil Shingade | Prof. Parinita Chandeekar<br>Prof. Gauri Bobade<br>Prof. Sonali Chavan<br>Prof. Sapana Bane<br>Prof. Pradeep Shirke<br>Prof. Vijayalakshmi K.<br>Prof. Natasha Brahme<br>Prof. Rasika Patil<br>Prof. Avantika Jadhav<br>Prof. Sneha Patange |

**Training Session on HOW TO DESIGN PBL**

**Dr. Anita Diwekar, PhD from IIT-B**

Dr. Anita is PhD in education technology from IIT Bombay. Trained more than 10000 teachers and 6000 engineering students from Institutes in multiples states in India and multiple countries in the world.

**3rd October, 2024 3.45 to 5.15 p.m.**

**M 604 Online Mode**

**Staff Development Committee Organizes Industry Expert Lecture on DWDM-Telecom Transport Technology**

**Resource Person**  
Mr. Mukesh Ghuriani  
Head Engineering  
Enterprise Telecom Network  
Vice President  
Tata Teleservices Limited

**Outcomes:**  
To Understand DWDM-Telecom Transport Technology Trends and Applications

**COORDINATORS:**  
PROF. PRATIK TAWDE-CONVENER  
PROF. ANJALI GHARAT  
PROF. TANVI GHOLE

**Dr. Ashish Ukideve**  
(Principal, Vidyalankar Polytechnic)

**Prof. Vaishali Malikar**  
(Vice-Principal and Committee Member, Vidyalankar Polytechnic)

**JOIN US!**

**09 Nov 2024 02:00 to 04:00 (Tues)**

**TRAINING ON PROACTIVE BEHAVIOUR**

**FOR TEACHING STAFF**  
11TH NOVEMBER, 2024  
AT 11.15 TO 12.45 P.M.  
M101

**FOR NON TEACHING STAFF**  
14TH NOVEMBER, 2024  
AT 11.15 TO 12.45 P.M.  
B105

**TRAINER - DR. KIRTI POTKAR**  
PH.D IN COUNSELLING  
PSYCHOLOGY, USA

**TRAINING ON HOW TO PREPARE AN EFFECTIVE PRESENTATION-FOLLOW-UP SESSION**

**FOR TEACHING STAFF**  
NOVEMBER 18TH, 2024  
VIDYALANKAR CAMPUS  
03:45- 05:15 PM

**TRAINER: PROF. ISHAAN UPADHYAY**  
ASSISTANT PROFESSOR  
GENERAL ENGINEERING  
VIT, MUMBAI

**Staff Development Committee Organizes One-Day Workshop on Cybersecurity and AI Tools to Enhance Productivity**

**Date: 18 November 2024**

**Time: 10 am onwards**  
**Venue: Vidyalankar Campus**

**Targeted Audience**  
• Staff Members

**Coordinators:**  
Prof. Pratik Tawde-Convener  
Prof. Anjali Gharat  
Prof. Tanvi Ghole

**Workshop Focus:**  
Equip faculty with knowledge of basic cybersecurity practices and AI tools to boost efficiency in daily tasks.

**JOIN US!**

**Mr. Maus Shetty**  
Partner Chief Operating Officer  
Autonomous IT Service Company  
Chief Technology Officer  
Maximus Technosolabs  
(Training Institute)

## Staff Activities-Paper Publication

| S. No | Title of the Paper  | Conference / Journal / Workshop National /International/ Online Journal | Title of the Conference / Journal / workshop | Author Name  | Organised by | Venue     | Date     | Vol. No. and pp.                       | Impact factor, if any |
|-------|---|---|--|--------------|--------------|-----------|----------|--|-----------------------|
|       | Artificial Intelligence Integration in Biochips: Enhancing Diagnostics and Precision Medicine | International Journal   | IJRASET                                      | Pratik Tawde | IJRASET      | New Delhi | 07/12/24 | Volume 12<br>Issue 11<br>November 2024 | 7.429                 |

## Staff Activities-Faculty Development Programs (FDP)

**VP** Vidyalankar Polytechnic

Vidyalankar Polytechnic Mumbai,  
Staff Development Committee  
organizes

**ISTE APPROVED ONE WEEK FACULTY DEVELOPMENT PROGRAM**

ON

**IOT AND UBIQUITOUS COMPUTING FOR EMERGING TECHNICAL APPLICATIONS**

**Program Schedule**

|                    |                          |
|--------------------|--------------------------|
| Duration of Course | 26th to 30th August 2024 |
| Course Timing      | 10 a.m. onwards          |
| Mode               | Online                   |

**Event Patron**  
Dr. Ashish Ukidve  
Principal, Vidyalankar Polytechnic

**Committee Mentor**  
Prof. Vaishali Malkar  
Vice principal, Vidyalankar Polytechnic

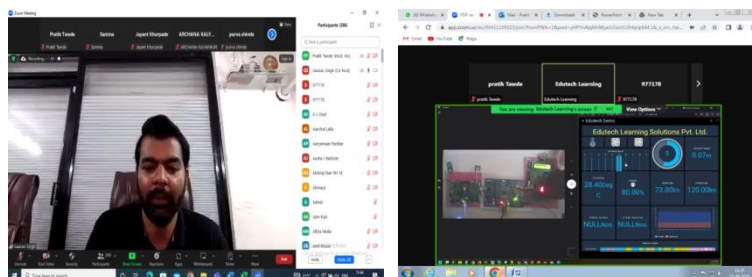
**Coordinator**  
Prof. Pratik Tawde (Convenor) | 9967250837  
Prof. Anjali Gharat | 9819379882  
Prof. Tanvi Ghole | 9870051223

Vidyalankar Polytechnic, Staff Development Committee conducted ISTE Approved One Week FDP on IOT and Ubiquitous Computing for Emerging Technical Applications from 26 Aug to 30 Aug 2024.

The Week-long programme included ten sessions which consisted of prominent speakers from various universities.

### Outcomes of FDP:

1. To learn various concepts of IOT which includes design of IOT system, Integrating sensors with cloud and access with real data time.
2. To equip faculty members and researchers with knowledge, skills and practical experience needed to effectively teach, research and apply IOT technologies in their respective institutions and disciplines.
3. To learn various advanced concepts such as cloud computing, Data management and big data analytics in IOT and various Research issues and case studies in IOT.
4. To learn Hands-on sessions on IOT Applications, Machine learning for IOT/WSNs.



**VP** Vidyalankar Polytechnic

**Staff Development Committee**

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

**Training Program on Cryptography and Network Security**

**Date:** 16<sup>th</sup> - 20<sup>th</sup> September 2024  
**Time:** 10 am to 4 pm  
**Mode:** Online

**Course Coordinators:**  
Dr. C. Rama Krishna  
Professor, CSE Dept. & Dean  
NITTTR, Chandigarh

**Local Coordinators:**  
Prof. Pratik Tawde-Committee Convener  
Prof. Anjali Gharat  
Prof. Tanvi Ghole

**Dr. Ashish Ukidve**  
(Principal)

**Prof. Vaishali Malkar**  
(Vice Principal & Committee Mentor)

**Er. Amrendra Sharan**  
CSE Department  
NITTTR, Chandigarh

### Program Objective:

1. To train the participants in the concept of Conventional Encryption, Public Key Encryption, Number Theory, Authentication and Hash Functions, Network security Tools and Applications and System Level Security.
2. To introduce the concepts with numerous examples in order to have better experience and in-depth knowledge.
3. To develop and enhance the theoretical and analytical skills in solving numerous problems.

Vidyalankar Polytechnic Staff Development Committee conducted Training program on Cryptography and Network Security in collaboration with NITTTR, Chandigarh from 16 Sept to 20 Sept 2024.

The week-long programme included 13 sessions which consisted of prominent speakers from NITTTR, Chandigarh.

### Program Objective:

- To train the participants in the concept of Conventional Encryption, Public Key Encryption, Number Theory, Authentication and Hash Functions, Network security Tools and Applications and System Level Security.
- To introduce the concepts with numerous examples in order to have better experience and in-depth knowledge.
- To develop and enhance the theoretical and analytical skills in solving numerous problems.



## Staff Activities-Faculty Development Programs (FDP)



Staff Development Committee in Collaboration with  
राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, गोरखपुर  
National Institute of Electronics & Information Technology, Gorakhpur  
(An Autonomous Scientific Department, Under Ministry of Electronics & Information Technology (MeitY), Government of India)  
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय | भारत सरकार

Organizes  
**Two Weeks Faculty Development Program (Online)**  
on  
**Robotics Process Automation (RPA)**  
Sponsored by Ministry of Electronics & Information Technology (MeitY),  
Under EICT Academy Phase-II Scheme

**4th - 15th November 2024 | 10:00 a.m. onwards**

| Course Coordinators  | Course Co-Coordinator  |
|--|--|
| <br><b>Mr. Ravi Rastogi</b><br>Joint Director / Scientist -<br>D NIELIT Gorakhpur | <br><b>Mr. Ritesh Pratap Rao</b><br>Deputy Director / Scientist -<br>C NIELIT Gorakhpur |

**Program Outcomes :**

- Advanced knowledge and skills : Gain expertise in emerging technology areas.
- Enhanced Teaching capabilities : Align with the latest industry and academic standards.
- Opportunities for Professional Development : Fulfilling NEP 2020 mandate of professional training per year.
- Expert-led Sessions & Hands-on practical ,comprehensive coverage of topics, Case Studies, real-world examples for a practical understanding
- Promoting emerging areas of technology and other high priority areas that are pillars of both, the "Make in India" and the "Digital India" programmes of MeitY.

**Local Coordinators :**  
Prof. Pratik Tawde (Committee Convener)  
Prof. Anjali Gharat, Prof. Tanvi Ghole

**Dr. Ashish Ukidve (Principal)**  
Prof. Vaishali Malkar  
(Vice Principal & Committee Mentor)

Vidyalankar Polytechnic, Staff Development Committee conducted Two Weeks Faculty Development Program on Robotics Process Automation (RPA) Sponsored by Ministry of Electronics & Information Technology (MeitY), Under EICT Academy Phase-II from 4 Nov to 15 Nov 2024.

The two Week -long programme included sessions which consisted of prominent speakers from NIELIT, Gorakhpur and course contents were Introduction to Robotic Process Automation, Description of UiPath, Process Components, Recording and Scraping, Data manipulation workflow and automation, Programming debugging and logging and other RPA tools, Orchestrator, RE Framework overview, Citrix automation and OCR workflow activities.

### Outcomes of FDP:

1. Understand the rapid emergence of Robotic Process Automation (RPA) and its potential scope in future.
2. Identify its distinguishing characteristics from automation.
3. Gain vital insights into the RPA development methodology and identify areas of practical applications.
4. Comprehend and necessity of RPA.
5. Identify differences between types of bots in RPA.
6. Familiarize with different types of tools used in RPA.



In order to nurture faculty at different level particularly at the early stage of their career, thereby creating a pool of potential leaders for generational transition, the Ministry of Education has conceptualised faculty leadership development programme namely 'Nurturing Future Leadership Program', under the aegis of Malaviya Mission Teacher Training Programme (MMTP). This will be a prestigious, selection-based leadership development programme which would be open for all levels of faculty of public funded higher educational institutes. A residential programme of 5 days would be delivered by top institutes of the country in NIRF management ranking. The programme is envisioned to make "Everyone a Leader" to be able to create an empowered workforce with an open and participative culture

### The objectives of the programme are:

1. To build ecosystem to inculcate leadership skills in faculty members at levels early in their career to advance both individual and organizational goals
2. To expand the pool of potential leaders for the range of leadership positions
3. To be a broad-based leadership development programme (for all faculty across all levels)
4. To expand the pool of potential leaders for the range of leadership positions
5. To prepare faculty to contribute effectively and proactively in collective decision-making, shared governance, developing initiatives, problem solving
6. Improve teaching – learning, and student engagement

### Expected Outcomes and Benefits:

1. Improvement in the team management, communication skills, and critical thinking of participants
2. Improvement in teaching- learning and student engagement
3. Creation of a pool of trained institutional leaders
4. Improvement in administration of higher education institutions



Staff Development Committee  
Indian Institute of Management, Mumbai  
Organises

**NURTURING FUTURE LEADERSHIP PROGRAMME  
UNDER THE AEGIS OF  
MALAVIYA MISSION TEACHER TRAINING PROGRAMME  
(MMTP) 2024**

**09th - 13th December 2024 | 10 a.m. onwards**

**IIM Mumbai Campus**



**Programme Focus:**

- Building Academic Leadership
- Development of Teaching Skills
- Research Methods and Publications
- Industry and Social Outreach
- Institute Administration

Dr. Ashish Ukidve (Principal)  
Prof. Vaishali Malkar (Vice Principal & Committee Mentor)

Local Coordinators :  
Prof. Pratik Tawde (Committee Convener)  
Prof. Anjali Gharat, Prof. Tanvi Ghole

## Staff Activities-Expert Lectures



### Training Session on **HOW TO DESIGN PBL**

**Dr. Anita Diwekar, PhD from IIT-B**

Dr. Anita is PhD in education technology from IIT Bombay. Trained more than 10000 teachers and 6000 engineering students from Institutes in multiples states in India and multiple countries in the world.



**3rd October, 2024      3.45 to 5.15 p.m.**  
**M 604                      Online Mode**

Staff Development Committee organized one day training session on "How to Design PBL" on 3<sup>rd</sup> October 2024.

Session was delivered by Dr. Anita Diwekar, PhD from IIT-Bombay.

Project Based Learning is a teaching method in which students gain knowledge and skills by working for an extended period to investigate and respond to an authentic, engaging, and complex questioning, problem, or challenge. Dr. Anita Diwekar discussed about key features or characteristics of PBL as well as four stage model to PBL implementation for program-wide implementation.

#### Learning Outcomes

1. Understand what PBL really is and how it can be useful for any educator;
2. Incorporate curriculum topics from any discipline into PBL.
3. Getting hints and tools to motivate students and boost their key competencies;
4. Gain insight into a variety of activities that you can use in PBL (and beyond);
5. Confidently implement PBL in their classes and/or school communities;



Vidyalankar Polytechnic, Staff Development Committee conducted Industry Expert Lecture on DWDM-Telecom Transport Technology on 9 Nov 2024. Mr. Mukesh Ghuriani, Head Engineering, Enterprise Telecom Network, Vice President, Tata Teleservices Ltd. delivered session.

Dense Wavelength Division Multiplexing (DWDM) training aims to provide comprehensive knowledge and practical skills in understanding, designing, implementing and managing DWDM Systems. Participants learned about the fundamental principles of DWDM technology, its components and architecture including transponders, multiplexers, demultiplexers, optical amplifiers, and wavelength routers.

This training also covers network design and planning, installation, configuration, network management and troubleshooting. Advanced topics such as dynamic wavelength assignment and reconfigurable optical add-drop multiplexers (ROADMs) are explored, alongside industry standards, best practices, and case studies. Additionally, training keeps participants informed about emerging trends and future directions in DWDM-Telecom Transport Technology.

#### Outcomes of Industry Expert Lecture:

1. To understand DWDM-Telecom Transport Technology Trends and Applications.



**Staff Development Committee Organizes  
Industry Expert Lecture on  
DWDM-Telecom Transport Technology**

**Resource Person**

**Mr. Mukesh Ghuriani**  
Head Engineering  
Enterprise Telecom Network  
Vice President  
Tata Teleservices Limited

**Outcomes:**  
To Understand DWDM-Telecom Transport Technology Trends and Applications

**COORDINATORS:**  
**PROF. PRATIK TAWDE-CONVENER**  
**PROF. ANJALI GHARAT**  
**PROF. TANVI GHOLE**

**Dr. Ashish Ukidve**  
(Principal, Vidyalankar Polytechnic)

**Prof. Vaishali Malkar**  
(Vice-Principal and Committee Mentor, Vidyalankar Polytechnic)

**JOIN US!**

**Time & Date**  
**09 Nov 2024**

**02:00  
04:00**  
(2 hrs.)

## Staff Activities-Expert Lectures


**VIT** | Vidyalkar Institute of Technology  
Accredited A+ by NAAC

# TRAINING ON PROACTIVE BEHAVIOUR

**FOR TEACHING STAFF**  
**11TH NOVEMBER, 2024**  
**AT 11.15 TO 12.45 P.M.**  
**M 101**

**FOR NON TEACHING STAFF**  
**14TH NOVEMBER, 2024**  
**AT 11.15 TO 12.45 P.M.**  
**B 105**

**TRAINER - DR. KIRTI POTKAR**  
**PH.D IN COUNSELLING**  
**PSYCHOLOGY, USA**



Staff Development Committee nominated staff members for Training on Proactive Behaviour for Teaching and Non Teaching Staff on 11 and 14 November 2024. Session was delivered by Dr. Kirti Potkar, PH.D in Counselling Psychology, USA.

Proactive behavior is the act of taking action before a situation occurs to solve a problem or make positive changes. It involves anticipating challenges, identifying solutions, and taking action without being prompted.

Proactive behavior involves acting in advance of a future situation, rather than reacting. It refers to taking control of a situation and making early changes, rather than adjusting to a situation or waiting for something to happen.

### Outcomes of Training:

1. Increased Efficiency
2. Reduced Stress
3. Enhanced Problem-Solving
4. Improved Work Quality
5. Greater Confidence and Control
6. Stronger Relationships with Colleagues



Staff Development Committee nominated staff members for Training on How to prepare an effective presentation – Follow-up session for Teaching Staff on 18 November 2024. Session was delivered by Prof. Ishaan Upadhyay, Assistant Professor, General Engineering, VIT, Mumbai. Presentation skills are important for professionals who want to communicate their message effectively and leave a lasting impression on their audience.

### Qualities of a good presentation are

1. Clear structure. No one likes to get lost in a maze of information.
2. Engaging opening.
3. Relevant content.
4. Effective visual aids.
5. Clear and concise communication.
6. Engaging delivery.
7. Interaction and audience engagement.
8. Effective storytelling

### Outcomes of Effective Presentation Training:

1. Audience engagement
2. Confidence
3. Communication
4. Body language
5. Non-verbal communication
6. Voice quality
7. Handling challenging questions
8. Relaxation and destress



**VIT** | Vidyalkar Institute of Technology  
ACCREDITED A+ BY NAAC

# TRAINING ON

**HOW TO PREPARE AN EFFECTIVE PRESENTATION-FOLLOW-UP SESSION**

**FOR TEACHING STAFF**

**NOVEMBER 18TH, 2024**  
**VIDYALKAR CAMPUS**  
**03:45- 05:15 PM**

**TRAINER- PROF. ISHAAN UPADHYAY**  
**ASSISTANT PROFESSOR**  
**GENERAL ENGINEERING**  
**VIT, MUMBAI**



## Staff Activities-Workshops

Department of Electronics  
and Telecommunication  
Engineering

organises an  
expert lecture on

**Stay secure online**

6th August'24, 11:15 am

**EXPERT SPEAKER**



Mr. Aftab Khan  
Security Analyst @  
Hacktify Cyber Security |  
Computer Engineer

Industry Institute Interaction Committee had organized an expert lecture on stay secure online for the staff members of all the 3 departments across:

The session included the following discussion areas:

- 1.Importance of Online Security
- 2.Common Cyber Threats
- 3.Best Practices for Staying Secure Interactive Session:
4. Identifying and Mitigating Risks
- 5.Student Project Ideas

Project ideas:

Phishing Awareness Campaign

Secure Password Generator

Cybersecurity Awareness

Website/App Security Audit

Staff-18



Vidyalankar Polytechnic, Staff Development Committee conducted One-Day Workshop on Cybersecurity and AI Tools to Enhance Productivity on 18 Nov 2024. Mr. Monu Shetty, Partner, Chief Operating Officer, Axenous (IT Service Company), Chief Technology Officer, Maximus Technolabs (Training Institute) delivered session.

### Session Breakdown: -

**Introduction to Cybersecurity :** Overview of current cybersecurity threats, safe online practices, and data protection

**AI Tools for Productivity :** Introduction to AI-driven tools for automating administrative tasks, student evaluations, and content creation

**Interactive Workshop :** Hands-on session on cybersecurity tools (password managers, two-factor authentication) and AI tools (e.g., chatbots, data analytics software).

**Q&A and Discussion :** Best practices and faculty experiences.

### Outcomes of Workshop:

- 1.Equip faculty with knowledge of basic cybersecurity practices and AI tools to boost efficiency in daily tasks



**VP** | Vidyalankar Polytechnic

Staff Development Committee Organizes  
One-Day Workshop on  
Cybersecurity and AI Tools to Enhance Productivity

Date: 18 November 2024


Time: 10 am onwards  
Venue: Vidyalankar Campus

Targeted Audience  
• Staff Members

Coordinators:  
Prof. Pratik Tawde-Convenor  
Prof. Anjali Gharat  
Prof. Tanvi Ghole

Workshop Focus:  
Equip faculty with knowledge of  
basic cybersecurity practices  
and AI tools to boost  
efficiency in daily tasks.

**JOIN US!**



Mr. Monu Shetty  
Partner, Chief Operating Officer  
Axenous (IT Service Company)  
Chief Technology Officer  
Maximus Technolabs  
(Training Institute)

DR. ASHISH KUDIVE  
PRINCIPAL, VIDYALANKAR POLYTECHNIC

PROF. VAISHALI MALKAR  
COORDINATOR MENTOR &  
VICE PRINCIPAL, VIDYALANKAR POLYTECHNIC

## Student Activities-Entrepreneurship and Skill Development Events



Activity Name :Case Study – Successful Start up

Date of activity :24/08/2024

No.of Attendees : Students : 42

Staff : 03

This activity was conducted for final year students showcasing case studies of successful startups to provide students with practical entrepreneurial insights.

The purpose of this activity was to expose students to the start up environment, learn about the company's journey, and gain insights into the world of entrepreneurship.

Each presentation was followed by a Q&A session where students have discussed about the challenges these startups faced and the ways they overcome them to become successful



Activity Name :Avenues for Women empowerment through Entrepreneurship

Date of activity :10/10/2024

No.of Attendees : Students : 51

Staff : 03

This workshop aimed to equip students with knowledge, skills, and motivation to contribute positively to the empowerment of women and promotion of gender equity.

Topics such as understanding Gender Equality, Women's rights, Leadership and self-empowerment, breaking stereotypes, advocacy and social changes were highlighted.

During this session, a video on inspiration and motivation was shown to the students which were very effective.



Activity Name :Entrepreneurship Orientation Program for First Year Students

Date of activity :19/10/2024

No.of Attendees : Students : 220

Staff : 03

The program aimed to introduce students to the world of entrepreneurship, inspire them to consider it as a career path and provide them with the basic knowledge and resources to get started.

Challenges and rewards of starting a business were discussed.

Students actively participated in the Q&A session, asking questions about product development, funding, and navigating the start-up ecosystem.



Activity Name :Workshop on Design your future in Entrepreneurship

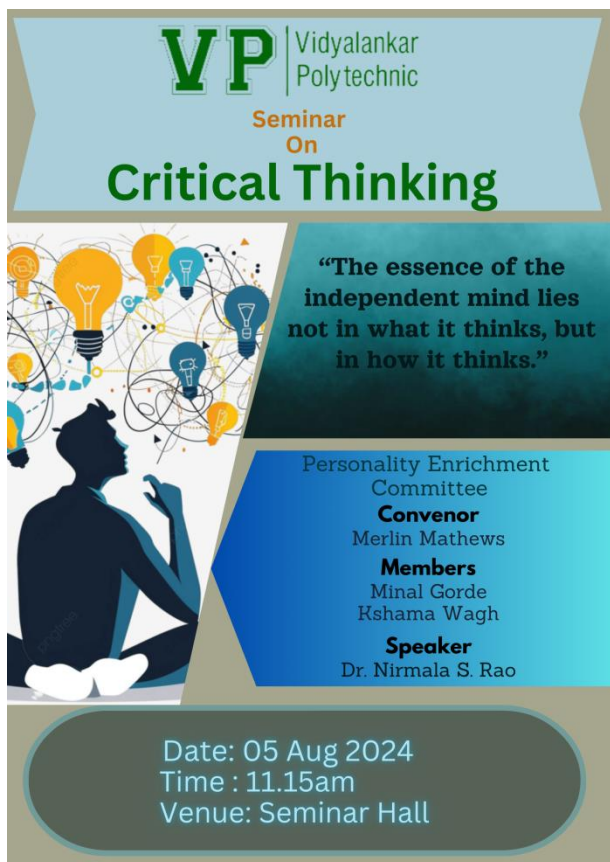
Date of activity :10/11/2024

No.of Attendees : Students : 42

Staff : 03

The objective of this session was to inspire and guide students towards exploring entrepreneurial ventures and cultivating an entrepreneurial mindset. This workshop has provided valuable insights and advice to the students on identifying business opportunities, developing a business plan, and securing funding. The activities generated significant interest among students, with enthusiastic participation.

## Student Activities-Personality Enrichment Events



**VP** Vidyalankar Polytechnic

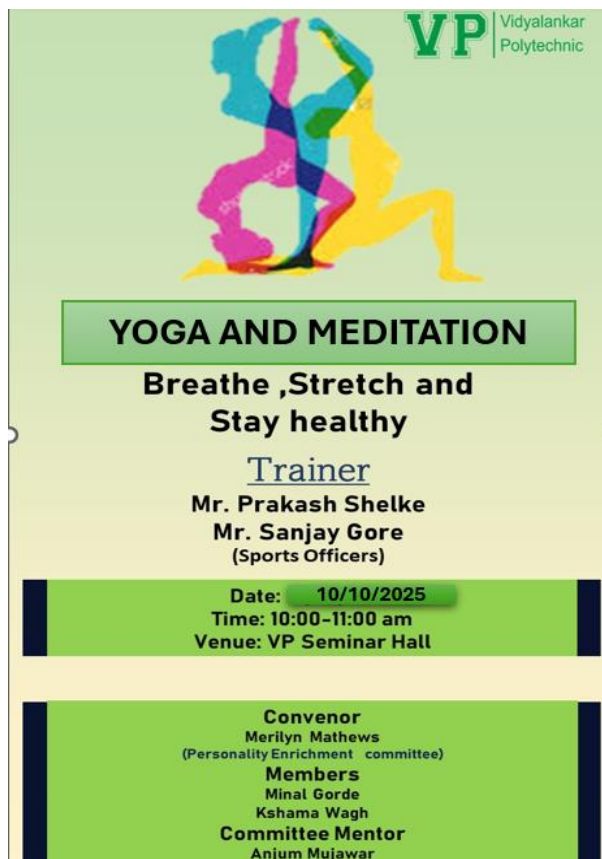
Seminar On  
**Critical Thinking**

**"The essence of the independent mind lies not in what it thinks, but in how it thinks."**

Personality Enrichment Committee  
**Convenor**  
Merlin Mathews  
**Members**  
Minal Gorde  
Kshama Wagh  
**Speaker**  
Dr. Nirmala S. Rao

Date: 05 Aug 2024  
Time : 11.15am  
Venue: Seminar Hall

The session commenced with an engaging interaction as the speaker posed thought-provoking questions, immediately capturing the students' attention. Their active participation demonstrated keen interest, as they responded enthusiastically throughout the discussion. The speaker skillfully addressed key aspects of critical thinking, particularly emphasizing how it enhances communication skills. A focal point of the session was distinguishing between statements of fact and opinion, a topic on which the speaker provided clear explanations and illustrative examples. Students responded attentively to these examples, confidently identifying whether statements were factual or opinion-based. This interactive and insightful session greatly enriched their understanding of critical thinking in communication.

**VP** Vidyalankar Polytechnic

**YOGA AND MEDITATION**

**Breathe, Stretch and Stay healthy**

**Trainer**  
Mr. Prakash Shelke  
Mr. Sanjay Gore  
(Sports Officers)

Date: 10/10/2025  
Time: 10:00-11:00 am  
Venue: VP Seminar Hall

**Convenor**  
Marilyn Mathews  
(Personality Enrichment committee)  
**Members**  
Minal Gorde  
Kshama Wagh  
**Committee Mentor**  
Anjum Mujawar

Yoga postures, Pranayama and meditation are effective techniques to release stress. Meditation is relaxation and rejuvenates the body and mind. Asanas starting with warming up and stretching up by the students were followed by a Padmasanas, Sukhasan, Tadasana, Bhujang Asana and ending with Shavasana. Exercises for relieving stress, reducing joint pain and enhancing the flexibility of the back were also done for the benefit of the students. An interactive session between the students and the teachers took place where students prepared for presentation on importance and yoga and its history. The queries of the students were addressed satisfactorily. In the present day when students face stress, tension, fear, etc., simple 'asanas' can help dispel these and improve the quality of life.




## Student Activities-Higher Education Events

**VP** Vidyalankar Polytechnic


**Higher Studies Committee**

**Organizes a Webinar on**

**Career Options after Diploma**



**Speaker**



**Mr. Sudhir Lawand**  
Sr. Lecturer  
Vidyalankar Polytechnic

**24th Oct 2024**

**1:45pm**

**Link:**  
<https://tinyurl.com/3b9bvd4n>

**Platform:**  
MS-Teams

A Webinar on "Career Options after Diploma" was held at Vidyalankar Polytechnic on 24<sup>th</sup> Oct 2024, delivered by Prof. Sudhir Lawand for fifth semester students.

The students were given information about different courses available after diploma in India as well as in abroad that are present in different foreign universities (USA/UK). Apart from B. E. many other study options are available which the students are not aware about. This webinar provided students an overview of different career options after diploma.

Information related to job opportunities in different fields that is government and private sector was provided to students. Also, information related to different start-ups were shared.

This webinar will help the diploma students to identify their interest and select their career in the respective field. Event was attended by 198 students.




**VP** Vidyalankar Polytechnic

**Higher Studies Committee**

presents

**Analysis and Display of Toppers' Answer Books**



**Date : 26th Oct 2024**

**Time: 12:45 pm onwards**

**Venue: Library**

An Activity on "Analysis and display of previous years Toppers Answer Books for Performance Enhancement" was held in Library of Vidyalankar Polytechnic from 26/10/2024. This activity was conducted for all students of Vidyalankar Polytechnic.

The objective of this activity was to ensure that students go through the answer books written by faculties and toppers students of Vidyalankar Polytechnic to get insights on how to enhance and improve the overall writing skills during board examination.

This activity was attended by 354 participants.



## Student Activities-Final Year Project Quality Assurance Events

**VP** | Vidyalankar Polytechnic

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Expert Lecture on

**CAPSTONE PROJECT IDEAS AND IMPLEMENTATION**

6th August' 24, 02:00 pm

**EXPERT SPEAKER**

**Mr. Vikram Parikh**  
Proprietor Jinshashan

A seminar on "Capstone Project ideas and implementation" was conducted on 06<sup>th</sup> August 2024 for final year students of Electronics and Telecommunication Engineering Department by Mr. Vikram Parikh, Proprietor of Jinshashan. The seminar aimed to provide students with insights into innovative project ideas and their practical applications, spanning from day-to-day life problems to high-end technology solutions.

Mr. Vikram Parikh engaged the students with a series of project ideas that highlighted various innovative solutions. His presentation covered 10 to 15 project topics, illustrating their implications and potential impact. Notable projects discussed included - Pocket Projector, Handheld Printer Pen, AI Flower Pot, Smart Home Automation Systems, Wearable Health Monitoring Devices and many more.

The session provided valuable insights into:  
Identifying and addressing real-world problems.  
Selecting feasible and impactful project ideas.  
Understanding the implementation process and potential challenges.  
Exploring the implications of various technologies in solving complex issues.  
Students gained a broader perspective on how to approach their capstone projects, from ideation to execution.

Students-56 and Staff-3



**VP** | Vidyalankar Polytechnic

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**3 DAYS WORKSHOP ON**

**PCB DESIGNING**

**19TH TO 21ST SEPT 2024**

**01:00 PM - 04:00 PM**

**TRAINER**

**Mr. Charudatta Uplap**  
Former Radio Engineer,  
Industry Expert

The Electronics and Telecommunication Engineering Department successfully organized a three-days PCB Design Workshop for final year students, conducted by Mr. Charudatta Uplap, a former radio engineer, from 19<sup>th</sup> September to 21<sup>st</sup> September 2024. The workshop focused on providing a comprehensive introduction to PCB design using Kicad, a widely used open-source PCB design software.

Mr. Uplap gave an insightful overview of the key features and functionalities of Kicad, followed by a detailed demonstration. He also conducted hands-on sessions to ensure that students gained practical experience and a better understanding of PCB design. As part of the workshop, students learned how to design a Switched-Mode Power Supply (SMPS) circuit, which further enhanced their skills in hardware design.

This workshop is expected to greatly benefit students as they apply these skills in developing hardware for their final year projects. The practical exposure and expert guidance provided by Mr. Uplap will undoubtedly help them in creating efficient and professional-quality PCB designs.

The session was well-received, and students expressed appreciation for the knowledge shared, which will aid in their academic and professional growth.



## Student Activities-Final Year Project Quality Assurance Events

**VP** | Vidyalankar Polytechnic

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**3 DAYS WORKSHOP ON**  
SOFT SKILLS, TECHNICAL PRESENTATION  
AND REPORT WRITING

**Content:**

- Communication Skills
- Effective Presentation
- Technical Writing
- Project Proposal Writing

19th July to 21st September 2024, 11:30 AM and onwards  
ORGANISING COMMITTEE: FINAL YEAR PROJECT QUALITY ASSURANCE COMMITTEE

The Electronics and Telecommunication Engineering Department conducted a three-day workshop focusing on soft skills, technical presentation, and report writing, facilitated by Mrs. Apurva Wadekar and Mrs. Shanti Krishnan. The workshop aimed to equip students with essential skills for academic and professional success.

Key Highlights:

**Presentation Skills:** Guidelines on structuring impactful presentations, using visual aids, and effective communication.

**Teamwork and Coordination:** Strategies for collaboration, task management, and conflict resolution in group projects.

**AI Tools & Report Writing:** Hands-on experience with AI tools for creating technical documents and guidance on writing technical reports and literature reviews.

The workshop was well-received, and students gained valuable skills in delivering presentations, working in teams, and creating professional technical reports, preparing them for academic and industry challenges.

Students-41



**VP** | Vidyalankar Polytechnic

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

**3 DAYS WORKSHOP ON**  
**PCB DESIGNING**

**19TH TO 21ST SEPT 2024**

**01:00 PM - 04:00 PM**

**TRAINER**  
**Mr. Charudatta Uplap**  
Former Radio Engineer,  
Industry Expert

The Electronics and Telecommunication Engineering Department successfully organized a three-days PCB Design Workshop for final year students, conducted by Mr. Charudatta Uplap, a former radio engineer, from 19<sup>th</sup> September to 21<sup>st</sup> September 2024. The workshop focused on providing a comprehensive introduction to PCB design using Kicad, a widely used open-source PCB design software.

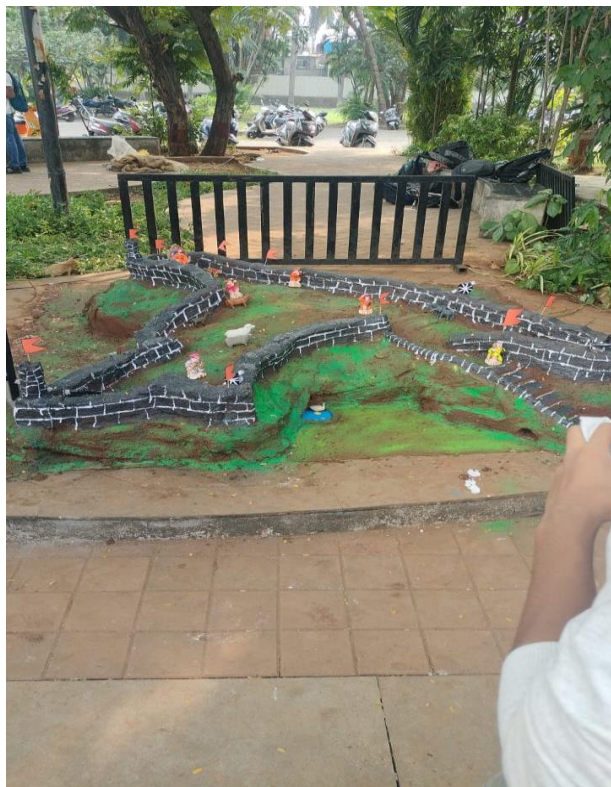
Mr. Uplap gave an insightful overview of the key features and functionalities of Kicad, followed by a detailed demonstration. He also conducted hands-on sessions to ensure that students gained practical experience and a better understanding of PCB design. As part of the workshop, students learned how to design a Switched-Mode Power Supply (SMPS) circuit, which further enhanced their skills in hardware design.

This workshop is expected to greatly benefit students as they apply these skills in developing hardware for their final year projects. The practical exposure and expert guidance provided by Mr. Uplap will undoubtedly help them in creating efficient and professional-quality PCB designs.

The session was well-received, and students expressed appreciation for the knowledge shared, which will aid in their academic and professional growth.



## Student Activities-Cultural Sports and Hobby Club Events



Vidyalankar Polytechnic Cultural Committee has organised an activity " Killa Making" on 29 Oct 2024. This activity was conducted in college campus. Sinhgad means Lion's Fort, and it is on a hill among the Sahyadri Mountains. Parts of this magnificent fort are in ruins, but the fort still attracts many adventure enthusiasts. It's known for its historical importance and architectural brilliance as well.

It is also known as Kondhana Fort, and it has witnessed several battles, including the 1670 Battle of Sinhgad. Therefore, Sinhgad Fort Pune is a must-visit tourist destination. The fort is shrouded in greenery, and its surroundings provide a good environment for a quick getaway. People come here mostly for trekking, but it has more things to do and see. It also houses a memorial of Tanaji (Shivaji's commander) and the tomb of Rajaram (Shivaji's son). Both died here during the battle.



Vidyalankar Polytechnic, Cultural Committee organise an art exhibition on 16 Oct 2024. is a great way for artists to showcase their work to a broader public. Art exhibitions are not just about displaying masterpieces. They also allow artists to share ideas, demonstrate their skills, and promote the gallery or museum they are associated with. They provide an excellent venue for art appreciation and can inspire public engagement and a sense of wonder about the world around us. Moreover, they are often free to attend. This is the reason why art exhibitions are great ways to introduce yourself to different types of art and help the general public to appreciate them

Student Council Committee 2024-25

**INVITES YOU FOR**

# Vibrance

2024

*Freshers' day*

16th October 2024

9 am onwards

**Theater Club: Act Your Heart Out**

Step into the spotlight with your acting and directing skills, or get ready to groove in a thrilling Dance Battle. Bring out your creative flair through performance and fun with your friends!

**VENUE: V002 | DRESSCODE: RED**

**V-Clarion (Literary Club): Words That Move the Heart**

If you love words, this is the place for you. Share your love for poetry, storytelling, and creative writing. Join us to express your thoughts and ideas through the power of language.

**VENUE: V003 | DRESSCODE: GREEN**

**Rhythm House: Play Your Tune, Feel the Beat**

Got a love for music? Jam with fellow musicians, pick up your instrument, and showcase your talent. It's your chance to shine and make some music magic!

**VENUE: V004 | DRESSCODE: PINK**

**Hobby Club: Unleash Your Creativity**

Explore new interests or dive deeper into your favorite hobbies! Whether it's painting, crafting, or anything creative, this club is all about expressing yourself and showcasing your unique talents.

**VENUE: V012 | DRESSCODE: BLUE**

**Photography Club: Capture the World Through Your Lens**

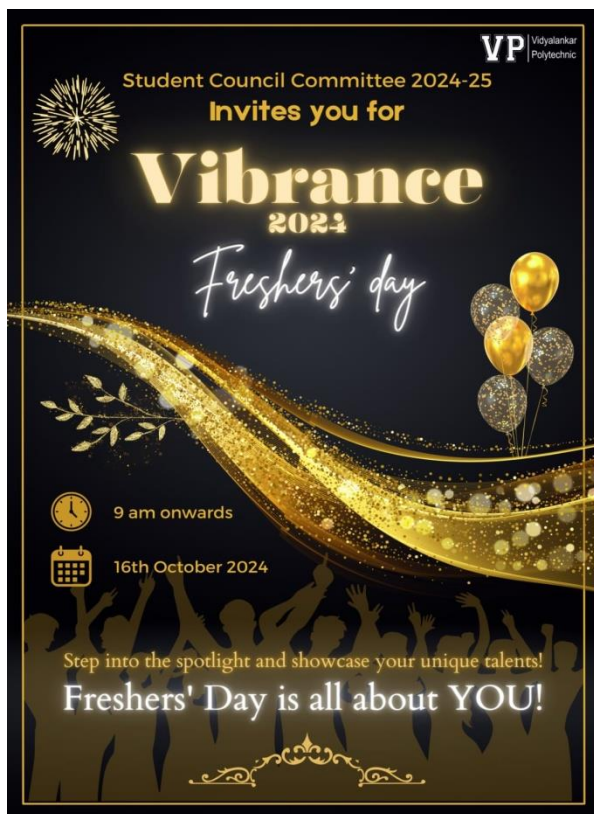
Discover the art of photography by learning to tell visual stories. Whether you're a beginner or a pro, this is the perfect place to explore and share your passion for capturing beautiful moments.

**VENUE: V013 | DRESSCODE: BLACK**

Refreshments will be provided to keep the energy high!



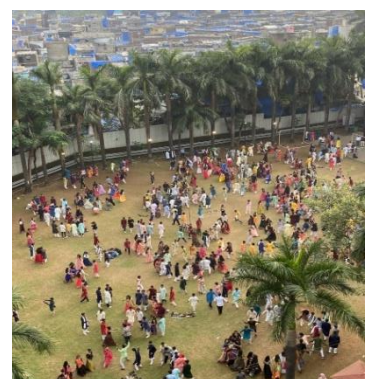
## Student Activities-Cultural Sports and Hobby Club Events




Vidyalankar Polytechnic Student Council Committee has organised an activity "Fresher's Day" on 16 Oct 2024. This event marks the beginning of a memorable journey for our incoming students. This event is not only an opportunity to welcome our freshers but also a chance to witness performances full of talent, entertainment and camaraderie.



Vidyalankar Polytechnic, Cultural Committee organise garba day on 16/10/2024. Lets get together then, to celebrate the spirit of Feminine Deities and to bring with us fun and enjoyment like no other



## Student Activities-Industry Institute Interaction Events



**Vidyalankar Polytechnic**  
Department of Electronics & Telecommunication  
*Industry Institute Interaction Committee (IIIC)*  
*Industrial Visit*

**Venue : Charkop depot**

**Date : 22/10/2024**

**Class : EJ5A/B/C**

Committee Convenor: Mrs. Shanti S. Krishnan  
HOD: Mr. Anjum Mujawar

Industry Institute Interaction Committee had organized a visit to metro rail at charkop depot on 22/10/2024 for final year students of EJ department.

The visit included the following schedule:

| Vidyalankar Polytechnic College, Wadala. |                            |                       |          |
|--|----------------------------|-----------------------|----------|
| Industrial Visit                         |                            | Batch -1(40 Students) |          |
| Sr. No                                   | Schedule of visit in Depot | Start Time            | End Time |
| 1  | Arrivals                   | 9:30 AM               | --       |
| 2  | Safety Briefing            | 10:00 AM              | 10:30 AM |
| 3  | OCC Overview               | 10:30 AM              | 11:00 AM |
| 4  | Signalling Overview        | 11:00 AM              | 11:30 AM |
| 5  | Telecom Overview           | 11:30 AM              | 12:00 PM |
| 6  | OCC Visit                  | 12:00 PM              | 12:45 PM |
| 7  | Depot Visit (IBL, Train)   | 1:00 PM               | 4:30 PM  |

| No attendees | of | Students      | Staff |
|--------------|----|---------------|-------|
|              |    | EJ5A/B/C (38) | 04    |



**Department of Electronics and Telecommunication Engineering**

**organises an expert lecture on**

**PROFILE MANAGEMENT**

**6th August'24, 11:15 am**

**EXPERT SPEAKER**



**Mr. Aftab Khan**  
Security Analyst @  
Hacktify Cyber Security |  
Computer Engineer

Industry Institute Interaction Committee had organized an expert lecture on Profile management by Mr. Aftab Khan, Cybersecurity specialist from Hacktify systems.

The session covered the following details:

- 1.Resume Do's and Don't's
- 2.How to face an interview.
- 3.Importance of Github
- 4.How to build a LinkedIn profile
- 5.What to prepare for studying abroad

He also discussed during the session tips on softs skills, learning a foreign language and how to build a strong resume. He also shared how to find a high QS world university ranking and its importance, writing SOPs, what is LOR, and how extra-curricular activities add to a good profile

| No attendees | of | Students  |
|--------------|----|-----------|
|              |    | EJ5A (32) |
|              |    | EJ5B (33) |
|              |    | EJ5C (27) |



## Student Activities-Industry Institute Interaction Events



**Venue: Scientific Instruments, Mumbra**

**Date: EJ3B (3rd Oct 2024)  
EJ3A (4th Oct 2024)  
EJ3C (5th Oct 2024)**

Committee Convenor: Mrs. Shanti S. Krishnan  
HOD: Mr. Anjum Mujawar



**Visit to Telawne Power Equipment**

**Date : 19/07/2024  
Class: EJ3B  
Venue: Rabale Factory(EJ3B)**

**Date: 20/07/2024  
Class: EJ3A & EJ3C  
Venue : Taloja Factory(EJ3A)  
Rabale Factory(EJ3C)**

Committee Convenor: Mrs. Shanti S. Krishnan  
HOD: Mr. Anjum Mujawar

Industry Institute Interaction Committee had organized a visit to Scientific Instruments, Mumbra for second year students of Electronics & Telecommunication Engineering.

The visit aimed at demonstrating to the students an instrumentation system and industrial applications in measurements.

Students got an opportunity to see flow instruments like rotameter, various flow meters and calibration systems.

Some of the instruments they saw: Glass Tube Rotameter, Rotary Paddle Level Switch, General Purpose Pressure Gauge, Side Mounted Magnetic Level Indicator Transmitter etc



Industry Institute Interaction Committee had organized a visit to Telawne Power Equipment: Rabale factory & Taloja Factory on 19<sup>th</sup> July 2024 & 20<sup>th</sup> July 2024 for second year students of Electronics & Telecommunication Engineering.

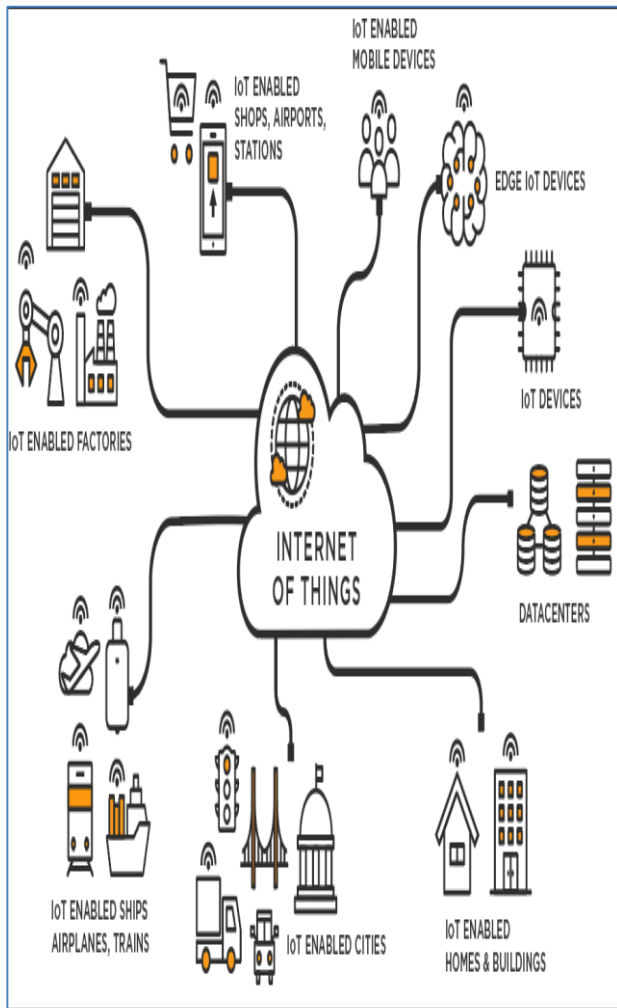
The visit was to make the students acquainted with industry culture, different manufacturing procedures, their logistics & safety methods.

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

| No attendees | of Students | Staff |
|--------------|-------------|-------|
|              | EJ3B(36)    | 02    |
|              | EJ3C(32)    | 02    |
|              | EJ3A(43)    | 02    |



## Value Added Course: Microcontroller Programming and IOT Application



### DURATION:

08<sup>th</sup> July 2024 to 13<sup>th</sup> July 2024

09:00 am to 03:00pm

### Course Mentors:

Mr. Anjum Mujawar  
Mr. Arpit Bankar  
Ms. Helina Tandel  
Ms. Anjali Gharat  
Ms. Kirthi Gupta

### VAC COORDINATOR:

Mrs. Apurva wadekar

### Course Details:

| Sr. No. | Date     | Topic(s)  | Trainer(s)   |
|---------|----------|---|--|
| 1.      | 08/07/24 | Introduction of Microcontroller Programming and IoT   | Mr. Anjum Mujawar<br>Mr. Arpit Bankar                      |
| 2       | 09/07/24 | Arduino Programming and Use of C programming in Embedded systems  | Mr. Anjum Mujawar<br>Mr. Arpit Bankar                      |
| 3       | 10/07/24 | Interfacing of I/O devices and Programming  | Mr. Anjum Mujawar<br>Mr. Arpit Bankar                      |
| 4       | 11/07/24 | IoT protocols   | Ms. Helina Tandel<br>Ms. Anjali Gharat<br>Ms. Kirthi Gupta |
| 5       | 12/07/24 | Demonstration of IoT application  | Ms. Helina Tandel<br>Ms. Anjali Gharat<br>Ms. Kirthi Gupta |
| 6       | 13/07/24 | Presentation and demonstration of projects. Design and implementation of an IoT project using Arduino projects. | Ms. Helina Tandel<br>Ms. Anjali Gharat<br>Ms. Kirthi Gupta |

### Participation:

Class – EJ2K (A/B/C)

Number of Beneficiaries – 45



## Value Added Course: Introduction to Robotics

VALUE ADDED COURSE : TRACK 2

### INTRODUCTION TO ROBOTICS

#### DURATION

08TH JULY 2024 TO 13TH JULY 2024  
09:00 AM TO 03:00 PM

#### COURSE MENTORS

- Mr. Shrinivas Pai
- Mr. Pranesh Naik
- Mrs. Madhavi M.

#### VAC COORDINATOR

Mrs. Apurva Sumeet Wadekar

Ignite your passion for technology and enroll in our dynamic technical course to pave the way for a successful future!



#### Track:2 Automation & Control

#### Course: Introduction to Robotics

**Course Duration:** 8<sup>th</sup> July 2024 to 13<sup>th</sup> July 2024

**Trainer(s):** Ms. M Madhavi, Mr. Pranesh Naik, Mr. Srinivas Paivernekar

**Course Details:**

**Venue:** Lab -1

| Sr. No. | Date and Time             | Topic(s)                                 | Trainer(s)                     | Outcome(s)   |
|---------|---------------------------|--|--------------------------------|--|
| 1.      | 08/07/24<br>10.00-01.00   | Introduction to Robotics                 | Mr. Srinivas Paivernekar       | <ul style="list-style-type: none"> <li>• Understand the basic concepts of ROBOTICS &amp; its functions.</li> <li>• Design an RC ROBOT.</li> <li>• Understand concept of 3D designs &amp; Tinker CAD</li> <li>• Programming using ESP32 libraries.</li> <li>• Test &amp; Drive RC Boat</li> </ul> |
| 2       | 08/07/24<br>01.30 – 04.00 | Tinker Cad                               | Mr. Pranesh Naik               |  |
| 3       | 09/07/24<br>10.00-01.00   | Basics of Robotics                       | Ms. Madhavi M                  |  |
| 4       | 09/07/24<br>01.30 – 04.00 | Hardware assembly                        | Mr. Srinivas Paivernekar       |  |
| 5       | 10/07/24<br>10.00-01.00   | Introduction to Programming              | Mr. Pranesh Naik               |  |
| 6       | 10/07/24<br>01.30 – 04.00 | ESP 32 Code run and Testing              | Ms. Madhavi M                  |  |
| 7       | 11/07/24<br>10.00-01.00   | Introduction to IOT                      | Mr. Srinivas Paivernekar       |  |
| 8       | 11/07/24<br>01.30 – 04.00 | App building                             | Mr. Pranesh Naik               |  |
| 9       | 12/07/24<br>10.00-01.00   | Final Installation & driving of RC robot | Ms. Madhavi M                  |  |
| 10      | 12/07/24<br>01.30 – 04.00 | Final Installation & driving of RC robot | Ms. Madhavi, Mr. Pai, Mr. Naik |  |
| 11      | 13/07/24                  | Competition                              | Ms. Madhavi, Mr. Pai, Mr. Naik |  |

#### Participation:

Class – EJ2KA/B/C

Number of Beneficiaries – 48



## State Level Quiz Competition Event

**VP** | Vidyalkar 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?**  
Vidyalkar College Campus,  
Wadala East, Mumbai 400037

**How can I be a part of it?**  
Scan the QR code to register  
[WWW.VPT.EDU.IN](http://WWW.VPT.EDU.IN)



## Research and Innovation Event-Tech Talk Series



### Cybersecurity Essentials

Mr. Aftab Khan

(Cybersecurity Analyst at Hacktify Cybersecurity)



### IIC and its various initiatives for development of Innovations

Dr. Seema Kolkur

(Dean Ph.D Program, Dean Internship Program, Innovation Ambassador, IIC-MIC)



### Training on VLSI design

Ms. Pragati Mali

(Lecturer, Vidyalkar Polytechnic)

## Alumni Committee Events-Alumni Sports Day

Organized meet on 07<sup>th</sup> December 2024

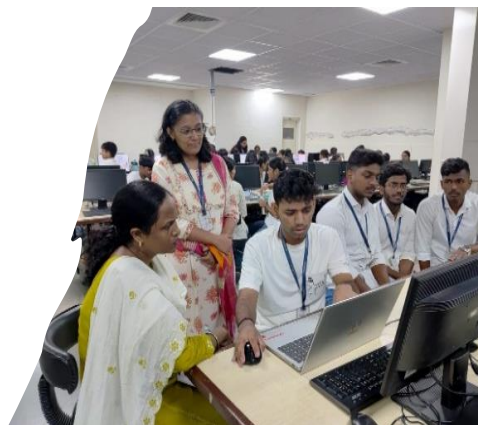
Participants- 85 + Faculty Members



## Internal Hackathon



## Techspardha 2024



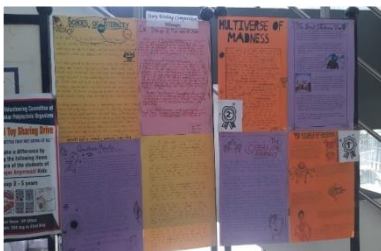
## Library Committee Events

### Spin a Tale



To enhance creative writing & storytelling skills among participants from various backgrounds.

## Library Awareness Program



To create awareness among students about the digital repository of learning resources.

## Library Committee Events

### Book Review



To create awareness among students about the digital repository of learning resources.

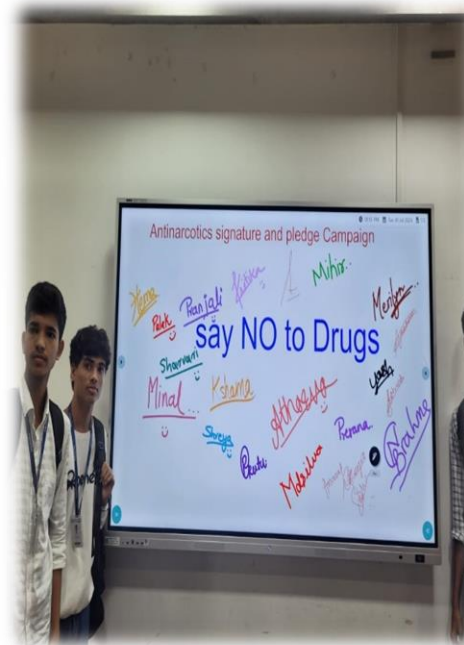
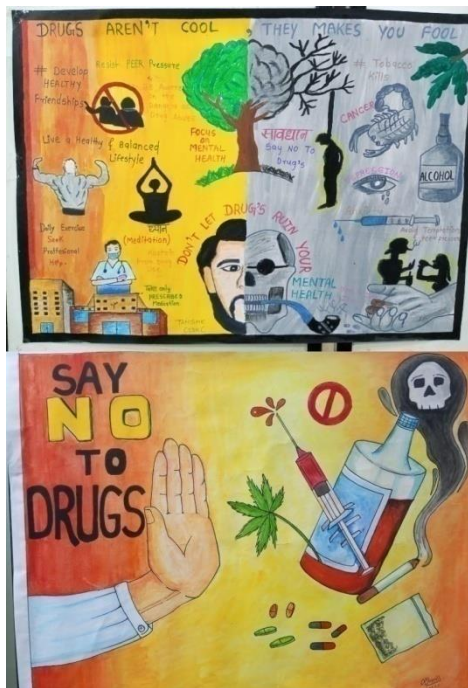
### Book Exhibition



To role in developing the reading habit among professionals and bringing the institute community together.



## Volunteering Committee Events




## Students:Co-curricular Activities and Achievements (2024-2025)

| Sr No. | Name of Events   | Institute   | Name of Students   | Class                                | Date     | Achievements  |
|--------|--|---|--|--------------------------------------|----------|---|
| 1      | State Level Technical Paper Presentation Competition                           | Anjuman-i-Islam's M.H.SabooSiddik Polytechnic, Byculla,Mumbai | Manasvi Rane<br>Kritika Sharma   | EJ5I-A                               | 18/09/24 | Participation   |
| 2      | ENGINEER'S DAY- POSTER COMPETITION   | Anjuman-i-Islam's M.H.SabooSiddik Polytechnic, Byculla,Mumbai | Mohit Gupta<br>Ghazzal Khan<br>Prachi Patra<br>Niha Anjevelkar   | EJ5I-A<br>EJ5I-B<br>EJ5I-B           | 20/09/24 | Participation   |
| 3      | VES TECHNOTHON   | V.E.S Polytechnic,Chembur,Mumbai                              | Manish Chaupal<br>Atharv Kadav<br>Om Jadhav<br>Chritina Dsouza<br>Sachin Rajak<br>Shrvan Mandal<br>Ramandeep Singh<br>Janhvi Raikar                                    | EJ5I-A<br>EJ5I-B                     | 22/09/24 | Participation   |
| 4      | STATE LEVEL TECHNICAL PAPER PRESENTATION COMPETITION                           | V.E.S Polytechnic,Chembur,Mumbai                              | Janhavi Gangan<br>Swarangee<br>Kumbhar   | EJ5I-B                               | 23/09/24 | Participation   |
| 5      | National Level Quiz Competition on Environment and Sustainability (VASUNDHARA) | V.E.S Polytechnic,Chembur,Mumbai                              | Kritika Sharma<br>Purva Khatpe<br>Yusra Ansari<br>Yogita Singh   | EJ5I-A                               | 24/09/24 | Participation   |
| 6      | NATIONAL LEVEL TECHNICAL PAPER PRESENTATION COMPETITION                        | Smt. Indira Gandhi College of Engineering, Navi Mumbai        | Manasvi Rane<br>Rhifa Siddhique<br>Janhavi Gangan<br>Swarangee<br>Kumbhar<br>Ved Bhardwaj<br>Adityaraj Maske<br>Abhro Das<br>Anugrah<br>Jamdaade<br>Mohit Gupta        | EJ5I-A<br>EJ5I-B<br>EJ5I-B<br>EJ5I-B | 26/09/24 | Participation<br><br><br><br><br><br><br><b>Third Prize</b> |
| 7      | State Level Technical Quiz Competition   | VidyalankarPolytechnic,Wadala, Mumbai                         | Manasvi Rane<br>Rifa Siddhique<br>Anugrah<br>Jamdaade<br>Abhro Das<br>Saalim Daroge<br>Sachin Rajak<br>Janhavi Gangan<br>Ved Bhardwaj<br>Ghazzal Khan<br>Archit Sawant | EJ5I-A<br>EJ5I-B                     | 28/09/24 | Participation   |
| 8      | State Level Paper Presentation Competition                                     | Government Polytechnic,Bandra,Mumbai                          | Manish Chaupal<br>Om Jadhav<br>Harsh Solanki<br>Daksh Vaity<br>Anugrah<br>Jamdaade<br>Mohit Gupta<br>Janhavi Gangan<br>Swarangee<br>Kumbhar                            | EJ5I-A<br>EJ5I-B                     | 01/10/24 | Participation   |

## Students:Co-curricular Activities and Achievements (2024-2025)

| Sr No. | Name of Events                                       | Institute   | Name of Students                             | Class    | Date     | Achievements  |
|--------|--|---|--|----------|----------|---------------|
| 9      | State Level Quiz Competition Competition             | Government Polytechnic,Bandra,Mumbai                            | Purva Khatpe<br>Shreya Bhekare               | EJ5I-A   | 01/10/24 | Participation |
|        |  |   | Abhro Das<br>Saalim Daroge                   | EJ5I-B   |          |               |
| 10     | State Level Circuit Building Competition             | Government Polytechnic,Bandra,Mumbai                            | Chinmay Takle<br>Christina Dsouza            | EJ5I-A   | 01/10/24 | Second Prize  |
|        |  |   | Sachin Rajak<br>Shrvan Mandal                | EJ5I-B   |          |               |
| 11     | State Level Technical Paper Presentation Competition | R.C Patel College of Engineering and Polytechnic,Shirpur (5433) | Anugrah Jamdaade<br>Mohit Gupta              | EJ5I-B   | 01/10/24 | Participation |
| 12     | State Level Technical Quiz Competition               | Agnel Polytechnic,Vashi<br>TECHNOCRATZ 2K24                     | Darshan Chinnam<br>Sakshi Bane               | EJ5I-A   | 04/10/24 | Participation |
|        |  |   | Anugrah Jamdaade<br>Abhro Das                | EJ5I-B   |          |               |
| 13     | State Level Technical Paper Presentation Competition | Agnel Polytechnic,Vashi<br>TECHNOCRATZ 2K24                     | Anugrah Jamdaade<br>Abhro Das<br>Mohit Gupta | EJ5I-A/B | 05/10/24 | Participation |
| 14     | State Level Circuit Designing Competition            | Agnel Polytechnic,Vashi<br>TECHNOCRATZ 2K24                     | Chritina Dsouza<br>Chinmay Takle             | EJ5I-A   | 05/10/24 | Participation |
|        |  |   | Sachin Rajak<br>Saalim Daroge                | EJ5I-B   |          |               |
|        |  |   | Shrvan Mandal<br>Ramandeep Singh             | EJ5I-B   |          |               |
| 15     | State Level General Quiz Competition                 | Agnel Polytechnic,Vashi<br>TECHNOCRATZ 2K24                     | Purva Khatpe<br>Yusra Ansari                 | EJ5I-A   | 05/10/24 | Participation |
|        |  |   | Yogita Singh<br>Shreya Bhekare               | EJ5I-A   |          |               |
|        |  |   | Archit Sawant<br>Ghazzal Khan                | EJ5I-B   |          |               |

 **Vidyalankar Polytechnic**  
*Congratulations*  
 Department of Electronics and Telecommunication Engineering  
 Co-curricular Activities and Achievements (2024-2025)



Name of Event : National Level Technical Paper Presentation Competition  
 Institute : Smt. Indira Gandhi College of Engineering, Navi Mumbai  
 Name of Students : Anugrah Jamdaade, Abhro Das, Mohit Gupta  
 Class : EJ5I-A, EJ5I-B  
 Date : 26/09/24  
 Achievement : Third Prize

 **Department of Electronics and Telecommunication Engineering**  
**Co-curricular Activities & Achievements (2024-2025)**

**Event Name-Circuit Building**

**1st  
October  
2024**



**Institute Name**  
Government Polytechnic,Bandra,Mumbai

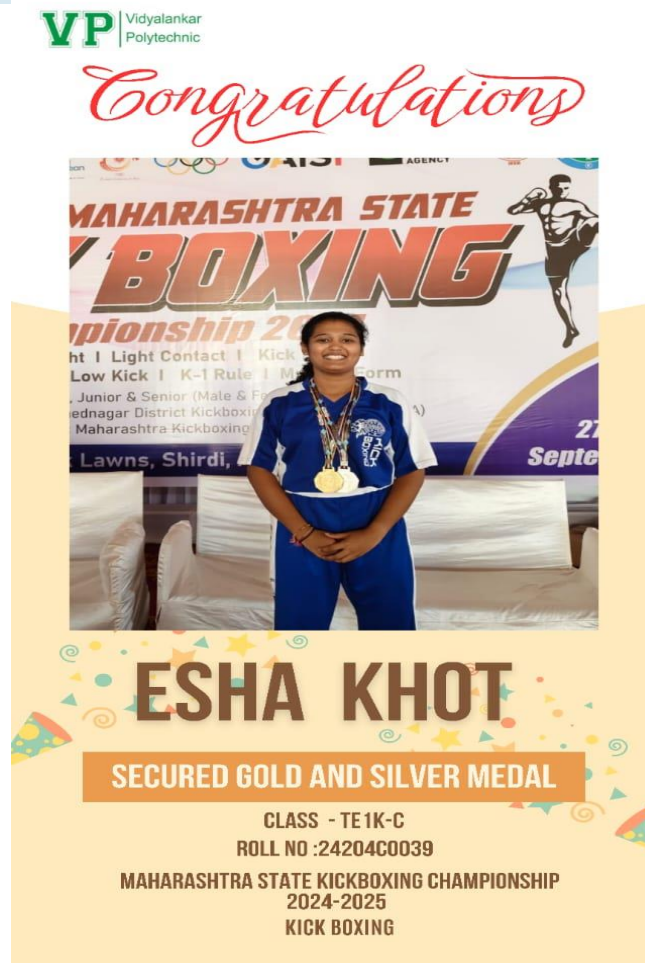
**Name of Students:**  
Christina Dsouza  
Chinmay Takle

**Class-EJ5I-A**

**Achievement-Second Prize**



## Student Achievement (2024-2025)



Glad to inform you that in the State Level meeting of Inter Engineering Diploma Students Sports Association (IEDSSA), Vidyalankar Polytechnic has been awarded Second prize for best Polytechnic for performance in sports across the state.

## Faculty Achievement (2024-2025)



Prof. Pratik Tawde received Python Programming Competition Award at Industrial Training Program-L&T Skills Trainers Academy,MSBTE-Mumbai

## Faculty Talk-Tooth Regeneration

Colorful fish found in Africa may hold the secret to growing lost teeth. In a collaborative study between the Georgia Institute of Technology and King's College London, researchers looked at the cichlid fishes of Lake Malawi in Africa, who lose teeth just to have a new one slide into place. Their study, published in the Proceedings of the National Academy of Sciences, identifies the genes responsible for growing new teeth and may lead to the secret to "tooth regeneration" in humans

"The exciting aspect of this research for understanding human tooth development and regeneration is being able to identify genes and genetic pathways that naturally direct continuous tooth and taste bud development in fish, and study these in mammals," said the study's co-author Paul Sharpe, a research professor from King's College, in a press release. "The more we understand the basic biology of natural processes, the more we can utilize this for developing the next generation of clinical therapeutics: in this case how to generate biological replacement teeth."

Another study from a Harvard team successfully used low-powered lasers to activate stem cells and stimulate the growth of teeth in rats and human dental tissue in a lab. The results were published today in the journal Science Translational Medicine. Stem cells are no ordinary cells. They have the extraordinary ability to multiply and transform into many different types of cells in the body. They repair tissues by dividing continually either as a new stem cell or as a cell with a more specialized job, such as a red blood cell, a skin cell, or a muscle cell.

Dentures and dental implants may soon become a thing of the past. Stem cell research is making it possible to regrow your missing teeth! This is a much-needed medical advancement, especially considering that by age 74—26% of adults have lost all of their permanent teeth.



**Prof. Pratik Tawde**  
**Department of Electronics and Telecommunication Engg.**

## MOU

- 1.Saffron Power Innovations Pvt Ltd.
- 2.FEAST Software Systems Pvt. Ltd.
- 3.Affility Engineering Pvt. Ltd ,Vashi
- 4.Worldpack Automation Systems Pvt. Ltd

## Interaction with Outside World

**Registration Link:**  
<https://forms.gle/IE3yCDKbGVQzEQ868>

**Important Dates and Fees:**  
Last Date of Registration : 29<sup>th</sup> September, 2024 (Upto 07:00pm)  
Fees for Registration : ₹400/-  
Mode of Payment : Gpay (8451894804)  
Hard Copy of the Certificate will be provided by Post.

**Target Audience:**

- Teaching Faculty in Diploma and Degree Engineering Colleges.
- Post Graduates, Research Scholars, Engineering Graduates from Industries.

**Disciplines:**

- Civil / Electrical / Mechanical / Electronics and Telecommunication / Electronics / Computers / Information Technology / Artificial Intelligence / Mechatronics.

**After Registration**  
Kindly Join Whatsapp Group by Scanning following QR Code

**OUR PATRONS**

**Mentor**  
Mrs. Jothi Jagaldas  
H.O.D., Sel. Grade Lecturer, EE Dept, MHSSP (Contact no.- 9869418548)

**Co-ordinators**  
Mrs. Sharmeen Sardar  
Lecturer,  
Electrical Engineering Dept. MHSSP (Contact no.- 7338654694)

**Committee Members**  
Mrs. Papiya Chandra  
Sel. Grade Lecturer,  
Electrical Engineering Dept. MHSSP (Contact no.- 9619169797)

**Mrs. Mubina Jamadar**  
Lecturer, EE Dept, MHSSP (Contact no.- 8451894804)

**Dr. Zahid I. Kazi**  
(Padma Awardee 2024)  
President, Anjuman-I-Islam

**Dr. Shaikh Abdullah**  
Vice - President,  
Anjuman-I-Islam

**Dr. Aslam Khan**  
Executive Chairman,  
B.V.T.E.

**Dr. Vinod Mohitkar**  
Director, DTE

**Dr. Pramod Naik**  
Director, MSBTE

**Dr. A. K. Kureshi**  
Principal, MHSSP

**Dept. of Electrical Engineering of ANJUMAN-I-ISLAM'S M. H. SABOO SIDDIKI POLYTECHNIC**  
8, Saboo Siddik Polytechnic Road, Byculla, Mumbai - 400 008. Tel. : 022 2308 4381 Website : www.mhssp.ac.in

**is organizing**  
**ISTE Approved**  
**6 Days National Level ONLINE STTP**  
**On**  
**"Applications of Artificial Intelligence in Engineering"**  
**30<sup>th</sup> September, 2024 to**  
**5<sup>th</sup> October, 2024.**

**Certification Criteria:**

1. Participants having minimum of 80% attendance.
2. On completion of FDP participants are required to fill a mandatory online feedback form & Quiz.

**Registration Link:**  
<https://forms.gle/IE3yCDKbGVQzEQ868>

**Last date of registration:**  
29<sup>th</sup> September, 2024, upto 07:00pm.

**Anjuman-I-Islam's M. H. SABOO SIDDIKI POLYTECHNIC**  
(Govt. of Maharashtra Aided Institute, Estd. in 1958)  
8, Saboo Siddik Polytechnic Road, Byculla, Mumbai - 400 008, Maharashtra, India.

**अंजुमन-ए-इस्लामचे एम. एच. साबुसिद्दिकी तंत्रनिकेतन**  
(महाराष्ट्र शासन अंतर्गत संस्था, स्थापना १९५८)  
८, साबुसिद्दिकी पॉलिटेक्निक रोड, ब्याकुला, मुंबई ४०० ००८, महाराष्ट्र, भारत.

• Tel : 91-22-2308 4861, 2308 4882, 2305 2252 (Principal), Fax : 2307 0924 • Website : www.mhssp.in • E-mail : principal.mhssp@yahoo.com

• Awarded and Certified as "Best Polytechnic of Maharashtra State" in year 2000 by Govt. of Maharashtra • Approved by All India Council for Technical Education (AICTE) • Affiliated to Maharashtra State Board of Technical Education (MSBTE) • New Delhi and Directorate of Technical Education (DTE-MF)

Ref. No. : MHSSP/EST/1605/2024 Date : 16.10.2024

ELECTRICAL ENGG. DEPT.

## LETTER OF APPRECIATION AND THANKS

To,  
Mr. Pratik Tawde  
Lecturer,  
Department of Electronics and Computer Engineering,  
Vidyalankar Polytechnic, Wadala.

Sir,

We would like to convey our sincere thanks and appreciation for the enlightening and informative session you delivered on the topic **"AI enhanced pedagogy for Inclusive Learning Environment In Higher Education."** for our 6 days online National level STTP on "Applications of AI in Engineering." on 03/10/2024 from 10.30 am – 12.30 pm.

We wish to continue our association with you in the future too.

Thanks and best regards,

*Sharmeen*  
Co ordinator  
Mrs. Sharmeen Sardar

*JAN*  
Chief Co-ordinator  
Mrs. Jothi Jagaldas

*Dr. A.K. Kureshi*  
Principal  
Dr. A.K. Kureshi

**Enumeration of Renowned Speakers of the Program and the Topics of their Expertise**

| Sr. No. | Name of the Expert Speaker and their Institution / Organization   | Topic  |
|---------|---|--|
| 1       | Dr. S. Manikanta Moorthi<br>Group Director, Digital Data Processing Group, Signal and Image Processing & Space Application Centre, ISRO, Ahmedabad      | AI Based Application in Space Science  |
| 2       | Dr. Mohammed Adil Sheikh<br>Assistant Professor, B.R. Purohit Institute of Technology, Sr. Hall, Mumbai, Maharashtra                                    | Machine Learning Applications to Smart Cities  |
| 3       | Dr. T. Ravathi<br>Senior Professor and Head, IT department, Marjori Schriber Engineering College, Sion Road, Tamil Nadu                                 | Generative AI Applications Transforming Human Lives  |
| 4       | Dr. Neera Shukla<br>Professor, Computer Science and Engineering, Jaypee Institute of Information Technology, Lucknow, India                             | AI in IPD Science  |
| 5       | Dr. Binod Jamadar<br>HOD & Assistant Professor, Dept. of Artificial Intelligence and Data Science, ANSSS KOT, Pune                                      | AI in the Future   |
| 6       | Dr. Sandeep S. Vaidale<br>Assistant Professor, Dept. of Computer Engineering and IT, JYTI, Mumbai   | Modern machine learning solution for electricity consumption management in smart buildings |
| 7       | Dr. M. S. Bhushanewar<br>Assistant Professor, Sr. Grade, Dept. of Scoring Computing, School of Computer Science, Bapuji Institute of Technology, Mumbai | Web Integrated AI Applications   |
| 8       | Dr. Agni Mishra<br>HOD and Assistant Professor, Department of Medical Intelligence and Data Science, Jyoti Engineering College (JYEC), Jalgaon, MP      | AI Concept Implementation in Model for Patient Applications                                |
| 9       | Dr. Sushant Vaidale<br>Co-Founder, Director, (Mumbai based agentic marketing & web development agency)  | Evolution of AI  |
| 10      | Dr. Shubha Jirani<br>Assistant Professor, Department of Automobile Engineering, M.H. Saboo Siddik Polytechnic, Mumbai                                   | AI Innovations and Applications in Mechanical, Automobile and Production Engineering       |
| 11      | Dr. Vinod Kumar M<br>Assistant Professor, Senior Grade II, Environmental and Water Resources Engineering, VTU, Belgaum                                  | Recent trend based Modeling using Machine Learning techniques                              |
| 12      | Prof. Abdul Kader Ponnuswamy<br>Lecturer, Mechanical Engineering Department, M.H. Saboo Siddik Polytechnic, Mumbai                                      | AI for Sustainable Engineering   |
| 13      | Mr. Pratik Tawde<br>Lecturer, Vidyalankar Polytechnic, Wadala, Department of Electronics and Computer Engineering                                       | AI enhanced pedagogy for Inclusive Learning Environment in Higher Education                |

**Objective of the Program:**

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

**Professional Benefits of the Program:**

- This 6 days FDP will be useful for CAS (Career Advancement Scheme).
- It will also increase the score of Criteria 5 of SAR (Self Assessment Report) required for NBA Accreditation.
- It will help in enhancing the score for NAAC Accreditation.

**Vision of Institute:**  
To become an Institute of Excellence, imparting quality technical education to the society in general and Muslim community in particular, aiming at the creation of globally competent technocrats striving for National development.

**Mission of Institute:**

- To uplift Muslim and other communities through technical education, to enable them gain confidence, status in society, social equity and economic stability.
- To provide state of the art infrastructure and instructional facilities and employ competent staff to impart high quality education.
- To produce ethically strong and morally sound human resource to serve mankind.
- To offer extra-curricular and co-curricular activities for students to improve their life skills.
- To prepare students to be life ready, work ready and world ready by being a future ready institution.

**Vision of Electrical Engineering Department:**  
To emerge as a department of high quality academic standards and discipline to improve lives through learning.

**Mission of Electrical Engineering Department:**  
To uplift the academic standards of students by imparting essential theoretical and practical knowledge, by enhancing the knowledge of faculty through training and higher education and by preparing the stakeholders so as to contribute to society being morally firm and technically competent.

PROGRAMMES ACCREDITED BY NATIONAL BOARD OF ACCREDITATION, NEW DELHI  
(CIVIL ENGG., ELECTRICAL ENGG., MECHANICAL ENGG. (A) AND COMPUTER ENGG.)






Courses offered:

- Diploma Courses in Engineering (Civil, Mechanical, Electrical, Computer, Electronics & Telecommunication, Information Technology, Interior Designing & Decoration)
- Part-time Diploma Courses in Engg. • Vocational Certificate Courses • Short Term Certificate Courses (STCC) • Community Development through Polytechnic








## Academic Rankers

### Electronics and Computer Engineering-First Semester TE1K-A

| RANK | NAME                     | PERCENTAGE | PHOTO   |
|------|--------------------------|------------|---|
| 1    | CHAVAN PREM TANAJI       | 83.18      |  |
| 2    | RATHOD BHAVYA MUKESH     | 81.53      |  |
| 3    | ALMEIDA LIAM OSWALD      | 81.18      |  |
| 4    | AAGRE NEHA DIPAK         | 80.24      |  |
| 5    | KAZI ABDULHADI FAKIRMIYA | 79.88      |  |






### Electronics and Computer Engineering-First Semester TE1K-B

| RANK | NAME                        | PERCENTAGE | PHOTO   |
|------|-----------------------------|------------|---|
| 1    | SHANBHAG RAKSHIT KIRAN      | 83.65      |  |
| 2    | JADHAV SAI KISHOR           | 82.59      |  |
| 3    | SYED AREEBA ZEHRA IRSHAD    | 82.59      |  |
| 4    | GUPTA AMAN SHIVNATH         | 79.53      |  |
| 5    | AMBOKAR SANCHAY<br>PRASHANT | 79.06      |  |








## Academic Rankers

### Electronics and Computer Engineering-First Semester TE1K-C

| RANK | NAME                           | PERCENTAGE | PHOTO   |
|------|--------------------------------|------------|---|
| 1    | NIKAM APURVA DINESH            | 84.24      |  |
| 2    | HARMALKAR DHANASHREE<br>NILESH | 82.12      |  |
| 3    | PATIL AMEYA SANJAY             | 82.00      |  |
| 4    | SHINGADIA MEER PARESH          | 79.65      |  |
| 5    | SAWANT AVANEESH SANJAY         | 79.41      |  |






### Electronics and Telecommunication Engineering-Third Semester EJ3K-A

| RANK | NAME                     | PERCENTAGE | PHOTO   |
|------|--------------------------|------------|---|
| 1    | KHAN INAYA MD ABBAS      | 82.89      |  |
| 2    | GUPTA TEJASVI VINODKUMAR | 82.00      |  |
| 3    | MOHAMMAD ZAID ALI ASGHAR | 82.00      |  |
| 4    | GUPTA RISHABH MANOJ      | 79.22      |  |
| 5    | KORDE ARYA RAJAN         | 78.78      |  |








## Academic Rankers

### Electronics and Telecommunication Engineering-Third Semester EJ3K-B

| RANK | NAME                          | PERCENTAGE | PHOTO   |
|------|-------------------------------|------------|---|
| 1    | KHAN MOHMMAD KAIF<br>IFTEKHAR | 87.22      |  |
| 2    | YARKAR DANISH UMBARI          | 83.89      |  |
| 3    | SHERVEGAR AYUSH ASHOK         | 82.22      |  |
| 4    | GUJARAN VIVAN TEJPAL          | 80.33      |  |
| 5    | DESHMUKH SHRUTI NAMDEV        | 79.78      |  |






### Electronics and Telecommunication Engineering-Third Semester EJ3K-C

| RANK | NAME                                | PERCENTAGE | PHOTO   |
|------|-------------------------------------|------------|---|
| 1    | FODKAR SHOEB TAUFIQ                 | 83.89      |  |
| 2    | SHAIKH MD AYAN MD<br>SHAMSHEER ALAM | 83.67      |  |
| 3    | SIDDIQUI INAYAT JIYAU               | 81.56      |  |
| 4    | GAMARE RISHI RAKESH                 | 79.33      |  |
| 5    | KORDE ARYA RAJAN                    | 78.44      |  |








## Academic Rankers

### Electronics and Telecommunication Engineering-Fifth Semester EJ5I-A

| RANK | NAME                     | PERCENTAGE | PHOTO   |
|------|--------------------------|------------|---|
| 1    | BHEKARE SHREYA SANJAY    | 89.68      |  |
| 2    | RANE MANASVI HEMANT      | 89.47      |  |
| 3    | SHARMA KRITIKA BHUPENDRA | 89.37      |  |
| 4    | DSOUZA CHRISTINA BABU    | 86.42      |  |
| 5    | ANSARI YUSRA PARVEZ      | 84.63      |  |






### Electronics and Telecommunication Engineering-Fifth Semester EJ5I-B

| RANK | NAME                   | PERCENTAGE | PHOTO   |
|------|------------------------|------------|---|
| 1    | JAMDAADE ANUGRAH MANOJ | 90.00      |  |
| 2    | PATRA PRACHI BHAGABAN  | 86.74      |  |
| 3    | HODGE YASH SHIVAJI     | 83.26      |  |
| 4    | DAS ABHRO SUBRATA      | 82.21      |  |
| 5    | RAIKAR JANHVI RAJESH   | 81.9       |  |



## Academic Rankers

### Electronics and Telecommunication Engineering-Fifth Semester EJ5I-C

| RANK | NAME                      | PERCENTAGE | PHOTO   |
|------|---------------------------|------------|---|
| 1    | KHATPE PURVA SUBHASH      | 87.58      |  |
| 2    | VAITY DAKSH RAJESH        | 85.79      |  |
| 3    | JAGTAP VEDANT SANTOSH     | 83.90      |  |
| 4    | GUPTA MOHIT PRADEEP KUMAR | 83.26      |  |
| 5    | ANJEVELKAR NIHA JAVED     | 83.05      |  |

**Vidyalankar Polytechnic  
Invites Parents & Students to join us  
for Felicitation of Toppers**

TE1KA 83.18%



EJ3KA 82.89%



EJ5IA 89.68%



TE1KB 83.65%



EJ3KB 87.22%



EJ5IB 90.00%



TE1KC 84.24



EJ3KC 83.89%



EJ5IC 87.58%



### Scholars' Day

Saturday, 8<sup>th</sup> Feb 2025

9.30 AM @Seminar Hall

Department of Electronics &amp; computer Engineering

Department of Electronics &amp; Telecommunication Engineering

**Winter 2024 MSBTE Exam**

## Department of Electronics & Telecommunication



We are very happy that Electronics and Telecommunication department is going to release new edition of **NEWS LETTER**. It shows the programs and achievements that the E&TC department has organized and achieved in last year (**i.e.2024-2025**). We desire that E&TC department always bring a great success and wishes to all the students and **CONGRATULATIONS** to all those students who make us feel proud. And at last, **ALL THE BEST** to all students of E&TC department to have bright future in this field

“ Everything is easy when you are busy, but nothing is easy when you are lazy-Swami Vivekanand ”



### THE EDITORIAL TEAM

Prof. Pratik Tawde  
Department of Electronics and  
Telecommunication Engineering  
Vidyalankar Polytechnic, Wadala, Mumbai