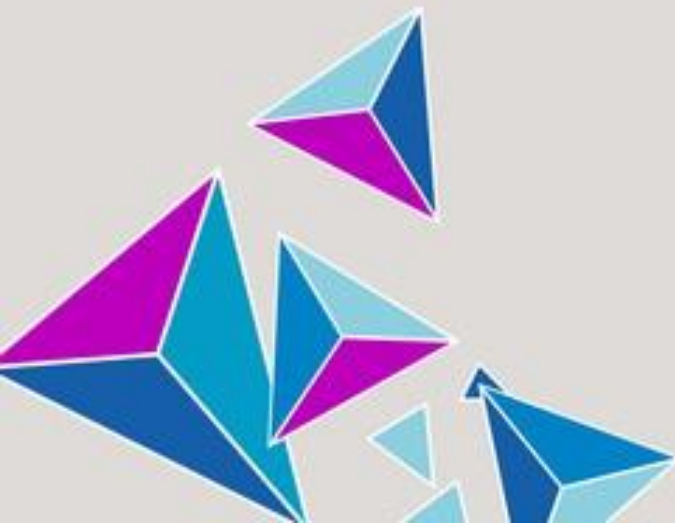


# **Vidyalankar Polytechnic**


*Department of Electronics and Telecommunication*

*1<sup>st</sup> Jan 2024 to 31<sup>st</sup> June 2024*



A.Y.2023-24

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## HOD's DESK

**Prof. Anjum Mujawar**

The Department of Electronics and Telecommunication Engineering at Vidyalkar 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.

# Vision and Mission

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

- 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.

## Program Educational Objectives

- 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.

## Program 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.

## Program Specific Outcomes

# Idol's Teachings



"Ignorance is the mother of all the evil and all the misery we see. Let men have light, let them be pure and spiritually strong and educated, then alone will misery cease in the world, not before. We may convert every house in the country into a charity asylum, we may fill the land with hospitals, but the misery of man will still continue to exist until man's character changes."

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## Editor's words

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.2023-2024**). 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.

Thanks & Regards,

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



# STAFF ACTIVITIES



Apart from the student's development, the department also focuses on faculty development so that the teachers can adapt themselves with the technological changes. Hence, the department encourages the staff to participate in the training programs, conferences and workshops.

- ✦ **Mrs.Madhavi M, Mrs. Pranjali Patil, Mr. Pratik Tawde** attended workshop on "**Connect.... Innovate.....Transform....**" conducted jointly by Aavishkar Centre for Self Enrichment and Vidyalankar Dnyanapeeth Trust in January 2024.
- ✦ **Mrs.Madhavi M, Mr. Srinivas Paivernekar, Mr. Pratik Tawde, Mr.Arpit Bankar, Mrs.Shanti K., Mrs.Apurva Wadekar, Mrs. Kirti Gupta, Mrs.Helina Tandel, Mr.Pranesh Naik** attended One Week ISTE Approved FDP on "**Indian Knowledge Systems in Contemporary Education and Practices**" organized by Vidyalankar Polytechnic from 26<sup>th</sup> to 30<sup>th</sup> March 2024.
- ✦ **Mrs.Madhavi M, Mr. Srinivas Paivernekar, Mr. Pratik Tawde, Mr.Arpit Bankar, Mrs.Shanti K., Mrs.Apurva Wadekar, Mrs. Pranjali Patil, Mrs.Helina Tandel, Mr.Pranesh Naik, Mrs.Shilpa Gaikwad, Mrs.Sandhya K and Mrs. Minal Tandale** attended Two Days Workshop on "**Virtual and Augmented Reality**" organized by EXTC Dept in collaboration with FEAST Software Pvt. Ltd. Vidyalankar Polytechnic from 20<sup>th</sup> to 21<sup>th</sup> June 2024.
- ✦ **Mrs. Hemangi Naikare, Mr. Pranesh Naik** attended a Two Days offline FDP on "**Experiential Learning Using Games**" conducted by VIT on 29<sup>th</sup> and 30<sup>th</sup> May 2024.
- ✦ **Mr. Pratik Tawde, Mrs. Pranjali Patil and Mrs. Apurva Wadekar** attended a Two week online FDP on "**NEP 2020 Orientation and Sensitization Program**" organized by MMTTC, H.N.B Garhwal University, Uttarakhand from 15<sup>th</sup> to 24<sup>th</sup> February 2024.
- ✦ **Dr.Pooja Raj Srivastava** completed online course on "**Getting Started with Interview Preparation**" organized by Simple learn SkillUP on 11<sup>th</sup> Jan 2024.
- ✦ **Mr.Pratik Tawde and Mrs. Pranjali Patil** completed FDP on "**Automation and Robotics**" organized by B.V.I.T, Navi Mumbai from 1<sup>st</sup> to 3<sup>rd</sup> April 2024.
- ✦ **Mr.Pratik Tawde** completed one Day State Level online workshop on "**Git and GitHub**" by international experts on 19<sup>th</sup> March 2024 organised by K.V.M.I.T.Mumbai.
- ✦ Two Days Laboratory Development Manual Workshop on "**Communication Skills (English) (311303)** conducted by MSBTE was attended by **Dr. Pooja Raj Srivastava**.
- ✦ Laboratory Development Manual Workshop and BLM Learning Material Development on "**Principles of Electronics Communication (313326)** conducted by MSBTE was attended by **Mr. Pratik Tawde** on 14<sup>th</sup> May 2024 and 27<sup>th</sup> May 2024.

# STAFF ACTIVITIES

## Paper Publications



Apart from the student's development, the department also focuses on faculty development so that the teachers can adapt themselves with the technological changes. Hence, the department encourages the staff to participate in the training programs, conferences and workshops.

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
	Study of Directions for Future Studies for the IOT in Space	International Journal	IJSRT	Sandhya K Pranjali Patil Shanti K Helina Tandel	IJSRT	New Delhi	06/05/24	Volume 9 Issue 5 May 2024	7.17
	Industrial Training in Polytechnics: Enhancing Diploma Student Learning	International Journal	IJFMR	Sandhya K Arpit Bankar Shanti K ApurvaWadekar	IJFMR	New Delhi	06/06/24	Volume 6 Issue 3 May-Jun 2024	9.24
	Automated CNC Drilling Machine	International Journal	IJAREEIE	Apurva Wadekar	IJAREEIE	New Delhi	07/03/24	Volume 13 Issue 3 March 2024	8.317
	Impact of Noise and Severe Climate Conditions on FSO Gamma-Gamma System for 5G Network	International Journal	IJRAR	Pratik Tawde	IJRAR	New Delhi	02/02/24	Volume 11 Issue 1 Feb 2024	7.17
	Development of Communication Protocol in 6G Network with Quality of Service and Dynamic Resource Allocation through Seamless Connectivity	International Journal	IJAREEIE	Pratik Tawde	IJAREEIE	New Delhi	03/04/24	Volume 13 Issue 3 March 2024	8.317
	Parking Prediction and Traffic Management System	International Journal	IJAREEIE	Pratik Tawde	IJAREEIE	New Delhi	03/04/24	Volume 13 Issue 3 March 2024	8.317
	Smart Agriculture Monitoring System	International Journal	IJAREEIE	ApurvaWadekar Minal Tandale	IJAREEIE	New Delhi	07/03/24	Volume 13 Issue 3 March 2024	8.317
	Comparative Study of IOT Protocols- MQTT, HTTP, COAP	National Conference	ESHM-2024	Helina Tandel	ESHM-2024	Karnatak	31/05/24	ESHM-2024	ISBN: 78-93-91535-94-0
	Doping of Carbon Nanoparticles to Enhance Morphological and Electrooptical Properties of Polymer Dispersed Liquid Crystal	Workshop	35 <sup>th</sup> Research Scholars Meet	Hemangi Naikare	Indian Chemical Society in Association with Dr. Homi Bhabha State University, Mumbai	IOS	23/02/24 And 24/02/24	35 <sup>th</sup> RSM	

# STAFF ACTIVITIES FACULTY ACHIEVEMENTS



Qualification Improvement-Dr. Sandhya Kumar completed PhD  
Approval of Co-Guide/Co-Supervisor for PhD Program-Dr. Sandhya Kumar

## Textbook Publications MOOC Course Certifications

S.No.	Title of the Book / Monograph /patent	Co-author (s), if any	Book - Publisher Patent -Indian / International	Month & Year	ISBN Number
1	Fundamentals of ICT	Pratik Tawde	TECHNEO Publications	Aug 2023	978-93-5583-678-6
2	Basic Electrical and Electronics Engineering	Pratik Tawde	TECHNEO Publications	Dec 2024	978-93-5583-495-9
3	Electronic Materials and Components	Pratik Tawde	TECHNEO Publications	Jan 2024	978-93-5583-729-5
4	Basic Electronics	Pratik Tawde	TECHNEO Publications	Jan 2024	978-93-5583-857-5
5	Basic Science	Pratik Tawde	TECHNEO Publications	Aug 2023	978-93-5583-431-7

Prof. Pratik Tawde completed MOOC on “Balanced Thinking for sustainable Health:Overthinker to Thought Leader from April 29,2024 to May 30,2024.

Prof. Pratik Tawde completed five week online course “Cybersecurity Training for Teachers on 3 May 2024.

Prof. Pratik Tawde was Resource Person for FDP on “Electric Vehicles” organized by Department of Mechanical Engineering at Padm. Dr. V. B. Kolte College of Engineering,Malkapur on 22/01/2024.

Prof. Anjum Mujawar and Prof. Kirti Gupta participated and presented TechTalk on IOT in Faculty TechTalk Competition 2024 organised by Vidyalankar Polytechnic on 9 March 2024.

STUDENT ACTIVITIES

Entrepreneurship Development Events

An expert lecture on Make in India was organized by EDP committee in collaboration with IIIC for first year students during the annual tech fest Vtechnovation 2024. The session was conducted by Mr. Dilip Iyer Sr Manager at KPMG India. The session aimed at bringing out to the audience the different areas of innovation and new technology. Make in India is a Government of India scheme launched by Prime Minister Narendra Modi in 2014 intended to boost the domestic manufacturing sector and also augment investment into the country.



Entrepreneurship Development Committee has organized an Ad-Mad show during Technovation 2024. The Ad-Mad Show is a vibrant and entertaining activity designed to unleash students' creativity and hone their communication skills in the context of advertising. It deviates from traditional classroom learning by challenging students to develop and present persuasive advertisements for a given product or service. The core element of the Ad-Mad Show is the presentation of advertisements. Students are typically given a specific topic, which could be a real product, a fictional service, or even an abstract concept. Their task is to create a compelling advertisement for this topic, utilizing their creativity, humor, and persuasive language. Students were very excited to showcase their talent in the activity. Depending on the criteria like innovation, clarity, time taken to act etc winners were announced.

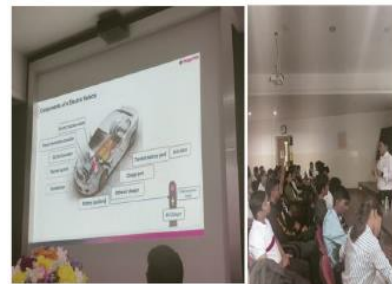


Entrepreneurship Development Committee organised techmela during Technovation 2024. Techmela is an engaging activity designed to spark students' interest in technology through a fun and competitive environment. It deviates from traditional classroom learning by incorporating technical games, fostering teamwork, and showcasing practical applications of science concepts. A well-rounded Techmela would encompass a variety of technical games that cater to different skillsets. EDP committee held following competitions and awarded prizes to the winners.

1. Coding Challenges
2. Circuit Building Competitions
3. Robotics Games
4. Technical Treasure Hunt
5. Neon Cricket
6. Laser Tag



An expert lecture on EV know-how was organized by EDP committee in collaboration with IIIC for second year students during the annual tech fest Vtechnovation 2024. The session was conducted by Mr. Gautam Choudhary Technical head at Magneta mobility, Navi Mumbai. The session aimed at bringing out to the audience the different areas of innovation and new technology. As the global movement towards sustainable transportation gains momentum, the demand for electric vehicles (EVs) is experiencing a rapid surge. Yet, a significant hurdle inhibiting the widespread embrace of EVs lies in the limited availability and accessibility of charging infrastructure. To accommodate the escalating number of EVs on the streets, it is paramount to formulate a comprehensive strategy for deploying EV chargers. This strategy must tackle multiple challenges and establish an effective, dependable, and widespread charging network.






# STUDENT ACTIVITIES

## Entrepreneurship Development Events

Business Baazigar is a stimulating competition designed to ignite students' entrepreneurial spirit and hone their business acumen. Unlike traditional business plan competitions, it goes beyond theoretical proposals by requiring students to set up and showcase their business ideas in a dynamic marketplace format.

Here students were given a particular place to set up their business stalls and do the business. We have come across businesses which were related to Tshirt-Mug printing, Stationary, Tech Games, Food stalls, Beauty Products etc. Students were judged on the basis of Innovation which they have brought to the stall, Ideation and Planning, Stall Creation, Presentation and Sales.

Many students have participated in this activity either as a seller or purchaser



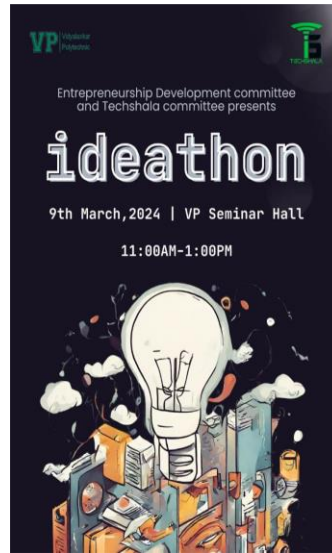
The Entrepreneurship Development Committee organized Ideathon event during technovation 2024.

The main objective of this activity was to use students' creativity and innovation to create a prototype of the given product from the given raw material.

Students were very excited to showcase their talent in the activity.

Students were given time to think and act on the given topics. Depending on the criteria like innovation, clarity, time taken to act etc. students were awarded with the prizes

This was very much interactive, engaging and team building activity which students have enjoyed a lot.



As the diploma students proceed on their future prospects, a career guidance for their anxious minds is mandatory. An expert lecture was conducted for the final year students of Vidyalankar Polytechnic during our annual the fest V technovation 2024.

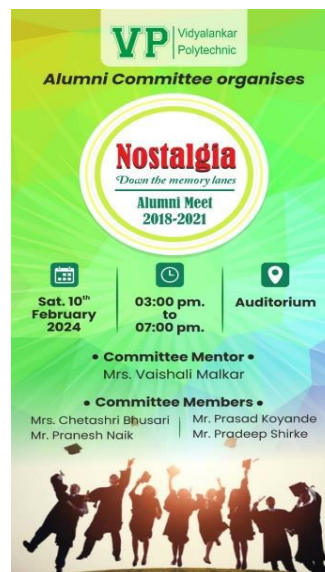
The session was conducted by Ms Priya Sawant from L&T who is an expert in leadership development and transformation.

The session covered important topics on confident body language and positive attitude development. It brought awareness amongst the students on improvement in their gray areas. One of the most important area of development which needs attention is to remove the stage fear and use assertive body language. It was demonstrated in the session and students could easily relate to it.

The wholesome activity was conducted with interactive sessions and student involvement.



Alumni meet was organized by alumni committee on 10th Feb 2024. The main agenda of meet was follows To create interest and motivate the alumni to participate in the progress of the Institute and make them contribute towards the enhancement of their Alma mater. To promote a lifelong relation and to act as a forum for the exchange of information among its members. To promote alumni portal.



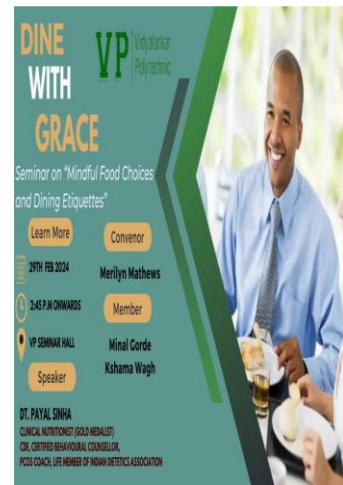
# STUDENT ACTIVITIES

## Personality Enrichment Events

An Avishkar session on 'Awareness session for students' was arranged for all students of all 3 institutes in our campus. The students were made aware of mental health and its benefits. She also created awareness of existing services available on our campus. The main points focused during the session was how important it is to connect with people, to be physically active, to learn new skills and mindfulness. The students showed active participation by answering questions asked during the session.



A workshop was arranged for students on 'Mindful food choices and Dining etiquettes'. The workshop focused on available healthy and easy choices that can be selected during the dining course. It also emphasized on proper manners and behavior in a formal dining situation. It covered all aspects of table manners from cutlery and place settings to conversation skills and posture. The speaker also demonstrated the right way to use forks, spoons and dining cloth at the dining place. There was an active interaction with the students too.



A seminar was arranged by Avishkar team on 'Pressure points' for all the students on our campus. The session focused on various pressure points which comes into picture during exam period. It also focused on how to cope up with them to get our tasks smoothly accomplished. It also emphasized on how we can be prepared well in advance for our upcoming tasks so that we can avoid the problems or confusions that arise during their completion.



A poster competition was arranged for all the students of first year. The topics suggested were values like patience, cleanliness, respect, responsibility and so on. All the students took an active part in this competition. The students were able to visually represent the key points related to their selected topics. It was a very effective way to communicate community issues and events. They used eye catching pictures with bold and contrasting colours to stand out from the background and grab attention. From each department winners were announced, and prizes were awarded to the students.



## STUDENT ACTIVITIES

### Higher Education Events

A Webinar on “Career Options after Diploma” was held at Vidyalankar Polytechnic on 11/03/24 delivered by Prof. Sudhir Lawand for 6th 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. 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.



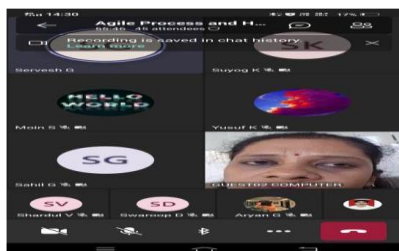
A Webinar on “Information about Top Engineering Colleges (Cutoff, Placements, Infrastructure, fees)” was held at Vidyalankar Polytechnic on 18/03/2024, delivered by Prof. Sudhir Lawand for 6th semester students.

The students were given information about details of top engineering colleges such as (Cutoff, Placements, Infrastructure, Fees) Following factors were informed when Choosing Top Engineering Colleges:

1. Accreditation: Ensure that the college is accredited by the relevant accreditation bodies. Accredited institutions maintain certain academic standards.
2. Faculty: Look into the qualifications and experience of the faculty members. High-quality faculty can greatly impact the learning experience.
3. Infrastructure: Adequate infrastructure, including well-equipped laboratories, libraries, and modern classrooms, is crucial for a comprehensive education.



A webinar on “Agile Process and Higher Studies” was held at Vidyalankar Polytechnic on 19th March 2024, delivered by Ms. Shweta Tripathi, Sr. Manager at Tata Aia Life Insurance. Agile methodologies originated in the software industry to address the limitations of traditional project management approaches. The Agile Manifesto emphasizes individuals and interactions over processes and tools, working software over comprehensive documentation, customer collaboration over contract negotiation, and responding to change over following a plan. The webinar focused on the application of Agile methodologies in the context of higher education. It explored how principles and practices originally developed for software development can enhance learning experiences, improve project management in academic settings, and better prepare students for modern, dynamic work environments.



A Seminar on “Direct Second Year Degree Admission Process Guidance” was held at Vidyalankar Polytechnic on 20th March 2024.

The students were given information about admission procedure for Direct Second Year of Degree Engineering. Information related to required documents, registration and various schemes was conveyed. Students were informed about top colleges in MMRDA region with their Fees Structure and Cut-Off Percentage etc. It was followed by Q & A session to solve doubts / queries raised by students. This webinar helped the diploma students to get information and guidance about securing admission after diploma in colleges of their choice. They also got insight into the selection of colleges on different criteria such as Quality, Distance and Finance.



# STUDENT ACTIVITIES

## Final Year Project Quality Assurance Events

Project quality assurance committee had successfully organized the project exhibition “V-Technovation 2024” on 06th, 07th and 08th March 2024 for Electronics and Telecommunication Engineering Department, Computer Engineering Department and Information Technology Department respectively. The objective of this exhibition was to feature projects on various applications of the latest technologies presented by our Vidyalankar Polytechnic 3rd year students. Each group explained their project to the judges. In this exhibition judges selected the best project based on the innovation, presentation & domain knowledge. A unique way of remembering the projects exhibited by the students every year is through V-ideas, V-ideas is book where one can find all the information related to projects exhibited. This book was released by Principal sir before the inauguration of the exhibition



**VP** Vidyalankar Polytechnic  
www.vpt.edu.in

### V Technovation 2024

A Platform To Showcase Your Technical Talent In Diversified Domains

- Machine Learning
- Wireless Communication
- Electronics & Electrical
- Mobile Application
- Embedded System
- IDT

DATE: **06<sup>th</sup> to 09<sup>th</sup> March 2024** TIME: **9:00 am to 4:30 pm**

- Eminent Jury Panel From Industry
- Certificate Of Appreciation To The Best Project From Each Program

Organizing Team: FYPQ Committee  
Chief Technology Officer: Prof. Anjum Mujawar

Committee Members:  
Prof. Samicha Chavan (IF) | Prof. Manisha Posharkar (CO)  
Prof. Apurva Wadekar (EJ)



Vidyalankar Polytechnic, Final Year Project Quality Assurance Committee organised an ISTE approved “State Level Project Competition ” on 9th March 2024. The inauguration was presided by Mr Bhuvan Damahe, Head – L&T Skill Development. The project competition was based on two domains Hardware (IoT, Robotics Automation) and Software (Artificial Intelligence, Web /Mobile Applications) which received an over whelming response from different polytechnic institutes across state. After review and scrutiny, shortlisted 27 project groups from 18 different colleges from state exhibited their project.Each project group explained their project work in terms of - problem statement, planning, designing, programming, simulation and demonstrated the software and hardware implemented by them to the judges. Judges, eminent critics from different sectors of industries to give their valuable inputs and encourage students to think out of the box and come up with innovative ideas that could be beneficial for society.



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Vidyalankar Polytechnic cordially invites you to the

### STATE LEVEL PROJECT COMPETITION V Technovation 2024

Venue: A-Block Plaza



## Final Year Project Students Achievements

**Winner**  
**Project Title-**Disease Prediction System  
**Students Name**  
 1.Mohammed Zaid Ansari  
 2.Vaibhav Shirodkar  
 3.Shreyas Garud  
**Project Guide:**Prof. Anjum Mujawar

**Runner up**  
**Project Title-**Water Management System  
**Students Name**  
 1.Anuj Worlikar  
 2.Tanmay Suvare  
 3.Aayush Khandekar  
**Project Guide:**Prof. Minal Gorde



# STUDENT ACTIVITIES

## Placement Committee Events

Placement Committee, Vidyalankar Polytechnic had organized a campus placement for interview drive for second year students of Electronics and Telecommunication, Computer engineering & Information technology. The campus placement for Internship drive was a part of the VTechnovation 2024 - from 6th March to 12th March 2024. The internship placement process involved collaboration between the Institute placement placement cell and a wide range of companies spanning different industries. Students were guided through the application process, and companies were encouraged to provide meaningful internship opportunities aligned with the students' academic interests and career goals

**VTechnovation 2024**  
Placement & Internship Committee  
Organizes  
Interviews & Internship

**Date : 06/03/2024**  
Date : 07/03/2024  
Date : 09/03/2024

**Venue: A302**



Placement and Internship committee had organized an activity on seminar insights for 4th semester students of EJ/CO/IF. The session was conducted by Mr. Arpit Bankar, Ms. Sushama Pawar and Mr. Sudhir Lawand. The agenda of the seminar was: What is internship? What are the do's and don'ts? Websites to look for. Skills to be developed are Types of internship in engineering and Essential skills. Industrial training is an integral part of the curriculum. Students need to go for six weeks industrial training

**PLACEMENT AND INTERNSHIP COMMITTEE** present seminar on  
**INTERNSHIP INSIGHTS**

**KEY AREAS**

- Why Internship?
- Types of Internships
- Portals to get Internship
- What recruiters would see?
- How to develop skills for it?

**Date: 27th-31st May 2024** **Venue: VP Seminar Hall**  
**Time: 1:30 pm**



Placement and internship committee have carried out industry profile registration during Jan to June 2024. 135+ different companies were registered on MSBTE portal. After internship allocation of these students' faculty mentor visit was carried out to monitor intern performance. This activity helps to assess and evaluate students' performance during their internship

**VP Vidyalankar Polytechnic Placement & Internship Committee**

**Industrial Training**

- Industry Profile Registration
- Internship Allocation
- Visit Industry for intern performance

**For fourth semester students**  
**Date : January to June 2024**

No.	Company Code	Name of Company	Pin Code	Head Address	Website	Industry	Specialty	Contact Info	Update	MSBTE Approved Status
1	MANTRACEDS2024W000000001	Wipro	400001	www.wipro.com	www.wipro.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
2	MANTRACEDS2024W000000002	VOL EARTH LLP	422007	volindia@gmail.com	www.volindia.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
3	MANTRACEDS2024W000000003	Ignite	400001	ignite@ignite.co	www.ignite.co	Software	IT	Choose file to upload image	Approved	MSBTE Approved
4	MANTRACEDS2024W000000004	WAVEBLUE	400001	waveblue@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
5	MANTRACEDS2024W000000005	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
6	MANTRACEDS2024W000000006	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
7	MANTRACEDS2024W000000007	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
8	MANTRACEDS2024W000000008	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
9	MANTRACEDS2024W000000009	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved
10	MANTRACEDS2024W000000010	WAVE	400001	wave@waveblue.com	www.waveblue.com	Software	IT	Choose file to upload image	Approved	MSBTE Approved

Alumni meet was organized by alumni committee on 10th Feb 2024. The main agenda of meet was follows To create interest and motivate the alumni to participate in the progress of the Institute and make them contribute towards the enhancement of their Alma mater. To promote a lifelong relation and to act as a forum for the exchange of information among its members. To promote alumni portal.

**VP Vidyalankar Polytechnic Placement & Internship Committee** presents  
**Industry Meet with Alumni**

**INDUSTRY CONNECT**

**DATE: 10/02/2024**  
**TIME: 3:00 PM TO 5:00 PM**  
**VENUE : VP SEMINAR HALL**



## FACULTY ACTIVITIES



Tech Talk aims to research and discover ideas worth spreading. Tech Talk is organized for faculties of different polytechnic colleges across Mumbai to uncover new ideas on recent technologies and wants to share their latest research and information about latest technological trends in their domain. Tech Talk events consist of a series of short, carefully prepared talks, demonstrations, and performances on a wide range of technical subjects

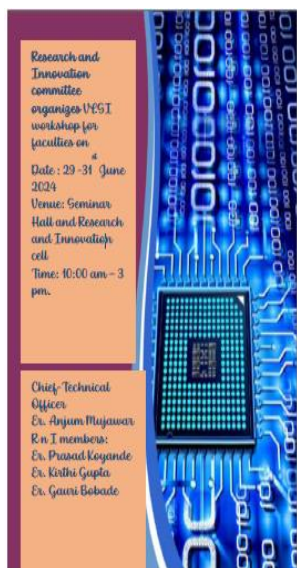


With respect to the MSBTE course Social and Life Skills (SLS-312003), visit to the site Garada, nanoshi Villae was conducted by the teachers along with the students in two phases. Faculty mentors visited the site with reference by Dr. Prabha Sahasrabuddhe and their local representative Mr. Samadhan Thakue.

Village Survey was done by the teachers with respect to the geographic location, basic facilities of the village, land and irrigation conditions and the area under observation for the students. Some basic problems were identified like water supply, transport and waste segregation.



Research and Innovation committee has organised a 3 days workshop on VLSI design for faculties. On the first day introduction to VLSI, FPGA, ASIC systems and RTL designing using VeriLog was given. Second day installation and programming outline on Spartan-7 using VIVADO was introduced. On third day, hands on was given on combination and sequential circuit design.



The UGC-Malaviya Mission Teacher Training Centre (formerly known as UGC-HRDC), HNBGU, Uttarakhand has organised the NEP Orientation & Sensitization programme from 15/02/2024 to 24/02/2024 for the faculty members of College and University (including Professors, Associate Professors, Assistant Professors) held Online from 3pm to 4:30pm & 4:40pm to 6:10pm as per attached flyer. PROGRAMME SCHEDULE :The NEP orientation & sensitization programme is Two Week programme, with two live online sessions of 90 minutes each on the eight NEP 2020 themes held from Friday to Saturday (Week1) and Tuesday to Saturday (Week 2) and with MCQs to be completed by Saturday of the following week. MCQ's will carry 5 questions after each theme session. The program will commence on Friday, February 15, 2024, at 3.00 PM and concluded on February 24 at 6.10 PM. All participants are requested to join through the link by 2.45 pm on all days of the programme on compulsory basis. An Online Certificate will be issued by 29/02/2024 to those who have attended all the sessions, filled the Feedback forms and qualified the Assessment test which will be held on the 24th of February from 6.30 pm onwards.

### OBJECTIVES OF THE PROGRAMME

The salient objectives of the Programme in alignment with NEP 2020:

1. Improving the quality of Education at all levels by infusing quality and excellence in our teachers and teaching.
2. To develop innovative teaching methods and high-level institutional facilities in all the constituent areas of higher education.
3. To impart pedagogy-related training and improve faculties' soft and practical skills.



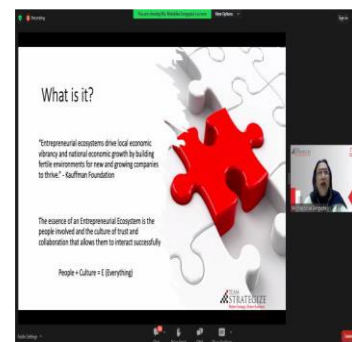
# FACULTY ACTIVITIES

STATE –LEVEL ONE DAY ONLINE WORKSHOP ON Git & GitHub By International Experts Organized by: Kala Vidya Mandir Institute of Technology (Polytechnic) on 19/03/2024. GitHub is a web-based platform that serves as a central hub for modern software development by providing collaborative platform where developers can work together efficiently, share knowledge, and contribute to the advancement of technology. This Workshop provides a comprehensive exploration of GitHub as an online software development platform used for storing, tracking and collaborating on software projects.

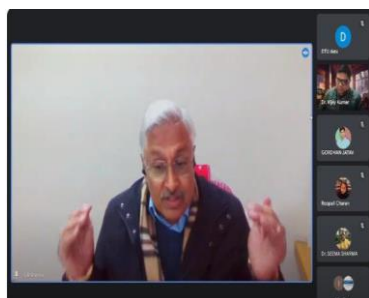


Vidyalankar Polytechnic, Staff Development Committee organized staff training-certification course DST Sponsored Two Weeks Faculty Development Programme on Entrepreneurial Ecosystem: Fostering Entrepreneurship, Start-up and Incubation from 25th March - 5th April 2024 @ 02:00 pm to 04:00 pm (Online Mode) organized by AMET University, Chennai..Outcome:

- 1.To create an environment where aspiring entrepreneurs can easily connect with mentors, investors, and other resources for their success.
- 2.To enable access to funding sources such as grants, loans, and investment networks to help entrepreneurs, start-up finance their ventures.
3. To encourage creativity and innovation by providing a platform for entrepreneurs to collaborate, share ideas, and access technologies that can drive new solutions and products to market



Vidyalankar Polytechnic, Staff Development Committee conducted ISTE Approved One Week FDP on IKS in Contemporary Education & Practices in light of Developed India @2047 from March 26 to 30,2024 aims to bridge the gap between traditional Indian wisdom and contemporary education as per the new NEP 2020. The week-long programme included ten sessions which consisted of prominent academicians speaking about the principles, concepts and potential of the Indian Knowledge Systems. The programme also explored the historical evolution of the Indian Knowledge Systems and emphasized the relevance of the same in today's educational environment. The key points focused on in the session included Vedic literature, Upnishads, Darshanas, the Gurukul system of education and the adaptation of traditional teaching methods to modern classrooms. The FDP offered an opportunity to educators to explore the rich blend of Indian Knowledge Systems and integrate the same into the teaching practices aligning it with the ideals of the Vikas Bharat @2047



The National Education Policy (NEP2020) presented the need for Holistic Value-Based Education (HVBE) for teachers, students, other stakeholders, society, nation, and the world at large. AICTE has been making effort for Holistic Value-based Education since 2017: Education on values founded on a holistic and humane world vision, is covered by Universal Human Values (UHV). These values are universal, rational, verifiable and living by them leads to harmony or the well being of all. It is based on a deep understanding of human beings as well as of the underlying harmony in nature and the entire existence. It has been tested through practice, verified and improved over thousands of years. As a result, it is an effort for the 'well being of all'. Therefore, its scientific method and systems offer many good examples and case-studies of effort for human thought and culture. Staff Development committee organized UHV Workshop series. The objective of this workshop is to facilitate institutions to long-term commitment for developing the institution into a Holistic, Value-based Living Model, further expected to become role models for developing a conducive environment for delivering Holistic, Value-based Education (HVBE).

# STUDENT ACTIVITIES

## Cultural Sports and Hobby Club Events



Vidyalankar Polytechnic Cultural Committee has organised an activity "Back to school for students and staff. This activity was conducted in vp lawn.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Vp Got Talent" for students. This activity was conducted in Auditorium.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Dumb Charades and Antakshari" for students and staff. This activity was conducted in Auditorium.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Anand Mela" for students and staff. This activity was conducted in quarry yard.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Flash Mob" for students and staff. This activity was conducted in plaza level.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Mehfil" for staff. This activity was conducted in auditorium.



Vidyalankar Polytechnic Cultural Committee has organised an activity "drama" for students. This activity was conducted in ground 1.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Dance" for students. This activity was conducted in ground 1.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Fashion show" for students. This activity was conducted in ground 1.



Vidyalankar Polytechnic Cultural Committee has organised an activity "Rethym House" for students. This activity was conducted in ground 1.





# VOLUNTEERING ACTIVITIES

Volunteering Committee on “National Girl Child Day” organized “Drawing Competition and Slogan Making Competition. Students from First year, Second Year and Third Year designed handmade Posters and participated also Participated in Slogan Making Competition .. The goal was to aware society to overcome challenges in continuing education and create more empowered society for all



Demo Election and Voters ID Card Registration For students” initiated by Government of Maharashtra along with election Commission of India. The Volunteering Committee arranged Demo Election For third year students. This document is given to adult domiciles of India who have reached the age of 18, which primarily serves as an identity proof for Indian citizens while casting their ballot in the country's municipal, state, and national elections and the same time we did Demo Election to make students of third year familiar with Election process. The staff members and students team along with BMC Officers work together to make the event successful



Mobile applications have the potential to contribute to environmental consciousness and combat the issue of global warming. These apps can range from ones that monitor and assess air quality to those that educate individuals on the importance of climate change and water management. Recently, during a lecture conducted by "Green club Coordinators”, an introduction to the significance of mobile apps “Why app” in this regard was provided. Subsequently, students were assigned the task of completing the course. Remarkably, approximately 100 students successfully finished the course and Approximately 40 staff members have completed the course showcasing their commitment to understanding and addressing these critical environmental challenges.



Mobile Volunteering Committee of Vidyalankar Polytechnic had organized a visit to Five Schools in Palghar School called "Lets Share" on 19-03-2023. The activity took place in number of Events such as comprises of 5 teams working together ... Collection and Distribution of stationary Kits Conducting Drawing competition, Essay Competition, Games for all students-by-students volunteers. For creating awareness of Higher Education Career Counselling Seminar and Personality development seminar were given to 9th Std students For personal Hygiene of girls tips stating Template for Menstrual cycle will be given To Encourage Girls Education Felicitation of Topper Girl Student. With the help of everyone, the volunteering committee managed to share our help to collect 1000 stationary kits, 5 sports kits, 50 mats, 1 LED TV, 1 projector, 2 laptops, 1 bicycle, 3 bicycles, and 1 speaker with Mike to the schools at Palghar.



# VOLUNTEERING AND LIBRARY COMMITTEE ACTIVITIES



The Volunteering Committee of Vidyalankar Polytechnic organized a significant community event titled "Knowledge Sharing Club" on the 14th of March, 2023. The event was designed to foster learning and growth among the children from Anganwadi centers No. 59 and 257 in Sangam Nagar. It aimed to make a positive impact on these young minds and help create brighter futures through innovative teaching methodologies. The event involved the participation of two distinct teams, consisting of students and staff volunteers from Vidyalankar Polytechnic. These teams visited the respective Anganwadi centers and covered various topics from their syllabus. Volunteers used technology and innovative teaching methods to make the learning experience engaging and memorable. The event was a resounding success, with Engagement of over 100 children from Anganwadi centers, Enhanced the children's understanding of animals and their significance in nature, Promoted interactive learning by incorporating technology into the teaching process also Fostered a sense of community and goodwill among the volunteers and the children.

**VP** Vidyalankar Polytechnic  
**VOLUNTEERING COMMITTEE ORGANISES**  
**KNOWLEDGE SHARING CLUB**  
 DATE : 14 MARCH, 2024

**KNOWLEDGE SHARED IS KNOWLEDGE MULTIPLIED**

**MENTOR**  
 Ms. Vaishali Malkar

**MEMBERS**  
 Ms. Hemangi Naikar  
 Mr. Suyog Satawalekar  
 Ms. Natasha Brahme  
 Ms. Prerana Jalgaonkar



The objective of this activity is to encourage the students to read reference books thereby enhancing the utilization of library facilities. Library committee has started this activity of awarding students by giving Best Reader Award at the end of every year during the farewell function in collaboration with student council committee. The library committee identified the students by considering books which they have read throughout their academics. Best readers were awarded with token of appreciation. The activity will encourage many students to start utilizing maximum library facilities

**Library Committee Organizes**  
**BEST READER AWARD**

Day & Time : Tuesday, 04/06/24  
 2.00pm-4.00pm  
 Venue : Auditorium

**COMMITTEE CONVENER**  
 MR. SANJAY DHAWADE

**COMMITTEE MEMBERS**  
 Mr. Satresh Sawant, Ms. Kirithi Gupta,  
 Ms. Sujata Borade



Library committee organized an event for students based on marathi bhasha Sanvardhan pandhrwada. Students showed their interest in activity by performing the play and singing song. Some students have done poem recitation. Few of the staff members have given good information to the students about the marathi language. The purpose was to spread the awareness about the marathi language by showing different art form. It helps to publicize the importance of the regional marathi language. The response of students was overwhelming for the activity. This activity helps students to understand the importance of the Marathi language

**VP** Vidyalankar Polytechnic

विद्यलंकार पर्यावरणिक सादर करत आहे

**मराठी भाषा संवर्धन पंध्रवडा प्रसार व प्रचार २०२३-२४**



Vidyalankar Polytechnic had celebrated Marathi Bhasha Gaurav Diwas .The program started with dip Prajwal. Different performances like monoact, folk dance etc were performed by the students. Unique performances like Mangala our and powada were presented. Marathi being the official language of the state of Maharashtra, the main focus of this celebration is to promote the rich legacy and culture of the language amongst the students Around 100 students and faculty members have attended the celebration of Marathi bhasha gaurav diwas.

**VP** Vidyalankar Polytechnic

विद्यलंकार संमेलनम्या

नॅशनल डिजिटल लायब्ररी ऑफ इंडिया क्लब

आपोचित

**मराठी भाषा गौरव दिवस**

\*सध्या मराठी सर्वत्र काय लक्षात घेता  
 हिन्ना समने काव्या, रचनेचे-चली विना\*

**कार्यक्रम**

- ◊ लोकनृत्य
- ◊ कविता वाचन
- ◊ मराठी भाषे सादरीकरण
- ◊ एकपत्री आणि पोवाडा

तारीख : २० फेब्रुवारी २०२४  
 वेळ : दुपारी २.०० ते ४.०० वा  
 ठिकाण : विद्यलंकार सभागृह (Auditorium)

# STUDENTS ACHIEVEMENTS



## Vidyalankar Polytechnic IEDSSA Tournament WEIGHTLIFTING Winner Team 2023-2024

Sr.No	NAME OF THE STUDENTS	YEAR/B RANCH	Name Of Sports	Rank	Venue	Zonal Level/ Inter Zonal
1	VarunWadke	EJ5IB	Weightlifting	Winner	Nasatabah Mahadik Polytechnic Kandh Maharashtra	Mumbai Zonal A-2 Inter Zonal
2	AayushKhandekar	EJ5IA				
3	YashNavale	EJ5KA				



## Vidyalankar Polytechnic Athletic Winner Team Mumbai Zonal - (A2)2023-2024

Sr. No	Name Of Student	Course	Name Of Sports Athletic	Rank
1	Raihan Khan	EJ4IC	100M	3 <sup>rd</sup>
2	Devang Gupta	EJ4IB	200M	3 <sup>rd</sup>
3	OmkarBaladheya	EJ4IB	Shot-Put	Runner-up
4	ShriramGawade	EJ4IA	Shot-Put	8 <sup>th</sup>



## BADMINTON TEAM PARTICIPANTS

IEDSSA 2023-2024  
DATE-29/01/2024

SR. NO	NAME OF STUDENT	COURSE	NAME OF SPORTS	RANK	VENUE	ZONAL LEVEL/ INTER ZONAL
1	ArchitSawant	EJ3I-B	Badminton	Semi final	Vidyalankar Polytechnic, Wadala, Mumbai.	Mumbai Zonal - A-2

## Vidyalankar Polytechnic IEDSSA Tournament Basketball Girls Runner-up Team 2023-2024

SR. NO	NAME OF STUDENT	COURSE	NAME OF SPORTS	RANK	VENUE	ZONAL LEVEL/ INTER ZONAL
1	Rhifa	EJ3I-C	Badminton	Runner-up	K.J Somaiya Polytechnic VidyaVihar (East)	Mumbai Zonal -A-2
2	Ashaua Gupta	EJ3I-B				
3	ShreyaBhekar	EJ3I-A				
4	KeshalTetamble	EJ3I-A				



## Vidyalankar Polytechnic IEDSSA Tournament Basketball Winner Team 2023-2024

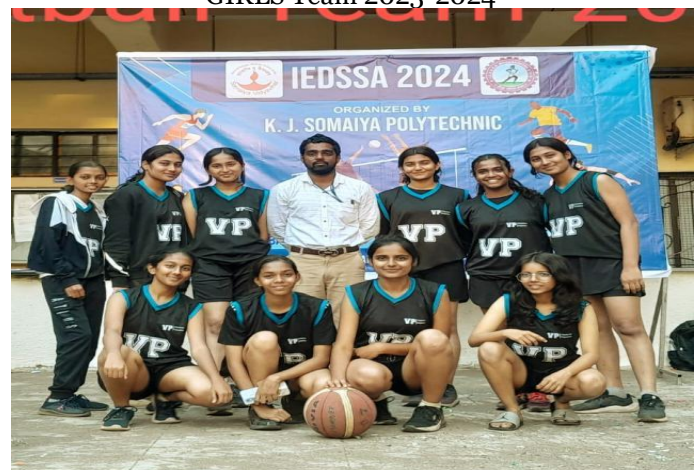
IEDSSA 2023-2024

DATE-23/01/2024

Sr. No	Name Of Student	Course	Name Of Sports	Rank	Venue	Zonal Level/ Inter Zonal
1	OmkarBaladheya	EJ4I-B	Basketball	Winner	KJ Somaiya Polytechnic VidyaVihar (East)	Mumbai Zonal A-2



## Vidyalankar Polytechnic IEDSSA Tournament Basketball GIRLS Team 2023-2024



**KABADDI Tournaments**

**IEDSSA 2023-2024**

DATE-20/01/2024

SR. NO	NAME OF STUDENT	COURSE	NAME OF SPORTS	RANK	VENUE	ZONAL LEVEL/ INTER ZONAL
1	<u>VarunWadke</u>	EJ61A	KABADDI	SEMI-FINAL	Kala vidyaMandir, Malad West	Mumbai Zonal A-2
2	<u>NirajDamani</u>	EJ41C				
3	<u>HakibShaikh</u>	EJ41B				
4	<u>VedantJadhav</u>	EJ41B				
5	<u>Huxefakhwaja</u>	EJ41B				

**Vidyalankar Polytechnic Rannam Winner Inter Zonal(IEDSSA) Tournament Team 2023-24**



**राज्यस्तरीय कॅरम स्पर्थेत विद्यालंकार पॉलिटेक्निक विजयी**

मुंबई :

इंटर इंजीनियरिंग विद्यार्थ्यांच्या मध्ये खेळविलेल्या राज्यस्तरीय कॅरम स्पर्धेत विद्यालंकार पॉलिटेक्निक संस्थेच्या संघाने उत्कृष्ट कामगिरी करून राज्यस्तरीय स्तरावर विजय मिळवून घेतला आहे. या स्पर्धेत विद्यालंकार पॉलिटेक्निक संस्थेच्या संघातील खेळाडूंनी उत्कृष्ट कामगिरी करून राज्यस्तरीय स्तरावर विजय मिळवून घेतला आहे. या स्पर्धेत विद्यालंकार पॉलिटेक्निक संस्थेच्या संघातील खेळाडूंनी उत्कृष्ट कामगिरी करून राज्यस्तरीय स्तरावर विजय मिळवून घेतला आहे.

**Inter Engineering Diploma Students Sports Association Maharashtra State Zone A-2 -2023-24 Vidyalankar Polytechnic Cricket WINNER Team with Coach**

SR. NO	NAME OF STUDENT	COURSE	NAME OF SPORTS	RANK	VENUE	LEVEL STATE/ ZONAL
1	<u>ShreemanSakpal</u>	EJ2K-C	CRICKET	Winner	Trinity Polytechnic Pune	InterZonal
2	<u>Devang Gupta</u>	EJ41-B				
3	<u>HerambKankale</u>	EJ2K-A				
4	<u>AdityaGawali</u>	EJ2K-A				
5	<u>Yash Hodge</u>	EJ41-B				
6	<u>ParthKotkar</u>	EJ41-B				
7	<u>Ayush Mane</u>	EJ61-A				
8	<u>VedantPatil</u>	EJ61-A				
9	<u>AnujWorlikar</u>	EJ61-A				



**राज्यस्तरीय क्रिकेट स्पर्धा**

**विद्यालंकार पॉलिटेक्निक संघाची जी. पी. नागपूर संघावर मात**

मुंबई :

इंटर इंजीनियरिंग विद्यार्थ्यांच्या मध्ये खेळविलेल्या राज्यस्तरीय क्रिकेट स्पर्धेत विद्यालंकार पॉलिटेक्निक संस्थेच्या संघाने उत्कृष्ट कामगिरी करून जी. पी. नागपूर संघावर मात करून विजय मिळवून घेतला आहे. या स्पर्धेत विद्यालंकार पॉलिटेक्निक संस्थेच्या संघातील खेळाडूंनी उत्कृष्ट कामगिरी करून जी. पी. नागपूर संघावर मात करून विजय मिळवून घेतला आहे.

**IEDSSA 2023-2024**

DATE-26/01/2024

SR. NO	NAME OF STUDENT	COURSE	NAME OF SPORTS	RANK	VENUE	LEVEL STATE/ ZONAL
1	<u>Jay Kadam</u>	EJ51B	FOOTBALL	Quarter-Final	K J Somaiya Polytechnic Vidyalankar	Mumbai Zonal A-2
2	<u>VigneshShinde</u>	EJ31A				
3	<u>AltmashTole</u>	EJ1KA				
4	<u>ParasKamble</u>	EJ1KA				
5	<u>AayushJadhav</u>	EJ1KC				
6	<u>RehanMusani</u>	EJ31C				

**Vidyalankar Polytechnic IEDSSA Tournament Kabaddi Runner Up Girls Team 2023-2024**



**Inter Engineering Diploma Students Sports Association Maharashtra State Zone A-2 -2023-24 Vidyalankar Polytechnic VOLLEYBALL Runner-Up(Boys) Team with Coach**



## **Faculty Talk-Industry 4.0: A New Era for India**

If we go through history, we have seen that whichever country has participated in industrial revolution 1,2 or 3 have become world leaders right after that industrial revolution. If India is dreaming of becoming the third largest economy i.e. 10 trillion dollar economy by 2030, then India has no other option but to be a front runner as far as Industry 4.0 is concerned.

There are three aspects which define why this is relevant from India's context. If we look at the industrial revolution in India, it is mainly led by technological disruptions and owing to the steps we have taken after Industrial revolution 3 (IR3), domestic companies like TCS, Infosys, HCL, Wipro etc. have emerged. We have created proximity to technology as far as India is concerned.

After IR3, India was the only country in the world which from being an agricultural economy directly moved to a service based economy. Following that all the offshoring started coming to India (examples of offshore companies in India – Cisco, General Electric (GE), IBM, Microsoft, etc). These offshore companies have created a lot of technology driven employment in the country. After IR4, citizens are worried that the offshoring business will move away from India. People are also worried that once we have robotic technology machines start answering calls, Indian offshore centres may become redundant. The solution here is to know how to make Indian offshore centres more attractive. In India many people are joining the workforce, and more people from agricultural activities are moving towards jobs in other sectors. This expanding workforce will have to be engaged and this requires India to be a front runner in IR4.

One of the major reasons why this is more relevant with such a huge population, is the ever growing consumption in the country. It is important to understand that in India, consumption is far more than the production. What is it that will help India leverage technology, and at the same time mitigate the negative impacts of automation? Technologies are being developed worldwide and this is a universal phenomenon. Any country including India that wants to be a part of the global ecosystem, cannot remain isolated from what's happening.

IR4 requires a different kind of technological development. If global trends are to be observed, the biggest trigger for the introduction of IR4 is coming from developed countries. This includes US, Japan, Western Europe etc. These countries have a highly aging population, and they still want to maintain their industrial, technological and economical supremacy. They have a pressing need to develop technologies that are less labour intensive.

Countries like India which have a rich demographic dividend, will also have to keep up with this rapidly evolving technology. Technologies covered under IR4 are going to bring billions of people into the economic mainstream. We know that information is power, and with the advent of internet and mobile phones this information has reached the remotest corners of our country. India leads in mobile phone penetration in the world. This has led to information and news reaching the remotest corners of urban and rural India. Similarly, we need to utilise the technologies under IR4 to our benefit.

Every time a new technology enters the market, there are some apprehensions around it. For example when computers first emerged, many people thought that this would lead to many jobs being computerised. But over time we have witnessed that the invention of the computer led to many exciting opportunities and evolution of the job market. We should allow new technologies to come into our system, and use them to our benefit. Like any new technology, IR4 will come with its own set of pros and cons. If embraced and used properly, it can be of great advantage to our country.

**Dr. Sandhya Kumar**  
**Department of Electronics and Telecommunication Engg.**



# MOU's

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

## Academic Monitoring Team visited and Department awarded with excellent grade.



**महाराष्ट्र राज्य तंत्र शिक्षण मंडळ, मुंबई**  
(स्वायत्त) (ISO: ९००१:२०१५) (ISO/IEC: २७००१-२०१३)  
राज्यस्तरीय संशोधनकेन्द्र इन्फॉर्मेशन, चौक मंगला, ४९, खेरवाडी, वाडा (पूर्व), मुंबई - ४०००५६.  
दुरध्याने क्र.: ९९,५५६,९९५५  
Email : director@mtsra.com  
फोन : ९९-५५६९९९५५  
Web : www.mtsra.org.in

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जा.क्र.मरातविम/अध्यासक्रम विभाग (का-५४)/स.अ.क्र.नो/२०२३-२४/४६१४ दिनांक: ३१ Jul 2024

सी.  
सचिव,  
Idyalankar Polytechnic,  
IDYALANKAR COLLEGE MARG, SANGAM NAGAR, WADALA (E) MUMBAI-400037  
(संस्था क्रमांक - ०५६८)

बेध - शैक्षणिक वर्ष २०२३-२४ च्या द्वितीय संस्था अन्वेषण अहवालामधील आपल्या संस्थेच्या Excellent शैक्षणिक कामगिरी बाबत.

उपरोक्त विषयानुसार महाराष्ट्र राज्य तंत्र शिक्षण मंडळ अधिनियम १९९७, क्र. ३८ मधील कलम ३१ अंतर्गत दिलेल्या अधिकाराचा वापर करून मंडळाने आपल्या संस्थेचे शैक्षणिक वर्ष २०२३-२४ दरम्यान संस्था अन्वेषण केले. संस्था अन्वेषण अहवालामध्ये आपल्या संस्थेच्या शैक्षणिक कामगिरीचा दर्जा खालील तक्रारामध्ये दर्शविलेला आहे.

अ. क्र.	अध्यासक्रमाचे नाव	संस्था अन्वेषण अहवालामधील नमुद असलेला दर्जा
१	Electronics & Tele-Communication Engineering	Excellent

शैक्षणिक कामगिरीचा दर्जा Excellent असल्याने मंडळ आपल्या संस्थेचे अभिनंदन करीत आहे. तसेच मंडळाने आपल्या संस्थेच्या काही विशिष्ट कामगिरी संस्थेच्या Monitoring Login मध्ये दर्शविलेल्या आहेत. त्यामध्ये तक्रार घालून त्या दूर करून पावे मंडळाला ठरवी आहे. आपल्या संस्थेची शैक्षणिक कामगिरी भविष्यात अशीच राहत जावे, हीच मंडळाची अपेक्षा आहे.

  
 (डॉ. महेश रा. फालंकार)  
 सचिव  
 महाराष्ट्र राज्य तंत्र शिक्षण मंडळ,  
 मुंबई

- सं: -
१. उपसचिव, म. रा. तंत्र शिक्षण मंडळ, विभागीय कार्यालय, मुंबई यांना माहितीसाठी.
  २. प्राचार्य, मंडळाशी संबंधित संबंधित संस्था.

# Industrial Training

195 students of EJ4I completed Industrial Training

Following industries supported for Industrial Training.

- 1.Accent Controls Pvt.Ltd.,Vikhroli(west), Mumbai - 400079
- 2.ACE Electronics,Malad (west), Mumbai - 400064
- 3.Affility Engineering Pvt Ltd.,Vashi, Navi Mumbai - 400703
- 4.Anita Medical Systems Pvt.Ltd.,Goregaon, Mumbai, Maharashtra 400063
- 5.aquamax rehab equipments, Matunga East, Mumbai, Maharashtra - 400019
- 6.Ashida Electronics,Wagle Industrial Estate, Thane – 400604
- 7.Concept Electronics, Matunga East, Mumbai, 400019
- 8.Cetra Electronics, Vashi, Navi Mumbai, 400705
- 9.Faclon Labs, Andheri East, Mumbai, 400059
- 10.FEAST Software Pvt. Ltd.,Vidyavihar (west), Mumbai, Maharashtra 400086
- 11.Frotech Services, Borivali, Mumbai - 400092
- 12.Grok Learning, Sion West, Sion, Mumbai - 400022
- 13.J kumarInfraprojects Ltd., Andheri (East) Mumbai – 400093
- 14.Jinshaashan LLP pvt ltd
- 15.JJ Industries, Mahim West, Mumbai, Maharashtra 400016
- 16.Kalyan Railway
- 17.Kurla Carshed, Vidyavihar
- 18.KVAR Technologies pvtLtd,Mahim, Mumbai - 400016
- 19.LE Electronics Pvt.Ltd.,Vasai East, Vasai-Virar, 401208
- 20.Mediconz India, Kurla West, Kurla, Mumbai- 400070
- 21.NCC Telecom Pvt. Ltd., Goregaon, Mumbai, Maharashtra 400063
- 22.NM Automation and Control Private Limited, Malad West, Mumbai, Maharashtra 400064
- 23.Omega Products Pvt.Ltd.,SEEPZ (SEZ ) Andheri ( East ), Mumbai, Maharashtra 400096
- 24.PaceconTechnosys, Dadar (W), Mumbai, Maharashtra 400028
- 25.The Parking Scout, Andheri East, Mumbai, Maharashtra - 400093
- 26.Positron Electronic Services, Andheri East, Mumbai, Maharashtra 400059
- 27.Procom office solutions, Vidyavihar (West), Mumbai, Maharashtra 400086
- 28.Radiation Protection Services, Kandivali West, Mumbai, Maharashtra 400067
- 29.Rajguru Electronics pvt ltd, Grant Road, Mumbai, Maharashtra - 400004
- 30.Insight technologies
- 31.Saffron Power Innovations,Rabale, Navi Mumbai, Maharashtra 400701
- 32.Sakura Biotech
- 33.Samartha Engineering works, Mulund West, Mumbai, Maharashtra 400080
- 34.Scad technologies, Malad West, Mumbai, Maharashtra 400064
- 35.Schneider Electric India Pvt Ltd,ShilPhata - Mahape Rd, MIDC Industrial Area, Kopar Khairane, Navi Mumbai, Maharashtra 400710
- 36.SenergyIntellution Pvt Ltd, Juinagar, Navi Mumbai, Maharashtra 400705
- 37.Sennheiser Service Center, Andheri East, Mumbai, Maharashtra 400059
- 38.Shavision Electronics Pvt.Ltd.,MIDC, Ambernath, Maharashtra 421506
- 39.Siemens Limited, Kalwa, Thane-400601
- 40.Sonodyne International Ltd.,Andheri East, Mumbai - 400096
- 41.Sublime Enterprises, Worli, Mumbai, Maharashtra 400018
- 42.Technovision India Pvt Ltd, Goregaon West, Mumbai, Maharashtra 400104
- 43.Tribotech, Chembur, Mumbai, Maharashtra 400071
- 44.Varcsoft, Worli
- 45.Vital electronics & manufacturing co, Mahape, Navi Mumbai, Maharashtra 400705
- 46.Worldpack Automation Systems Pvt Ltd, Rabale, Navi Mumbai, Maharashtra 400701
- 47.Fineline circuits
- 48.Reliance electricals
- 49.Tech cryptorspvt ltd

# READ ME



## Industrial Visit to BSNL, Yeur

Industry Institute Interaction Committee had organized a visit to BSNL, Yeur, Thane. This is the only satellite earth station in Mumbai region.



Three satellite Antennas and their related equipment were shown: n-IPSTAR, GSAT16, GSAT18 which use C-band and Ku-band frequencies. Their functioning was explained thoroughly and its various components were studied in a detailed manner. Devices such as antenna control unit to monitor and control azimuth and elevation angles, power systems, high power amplifiers, LNA, waveguides, etc. which are necessary for proper functioning of satellite antennas, was explained by the personnel at BSNL both theoretically and practically.



## Visit to Nehru Science Centre

The industrial visit to Nehru Science Centre on 16th Feb, 2024 was an informational trip for all the first year students of EJ Department of Vidyalkar Polytechnic. The trip was planned for the students to have a look at the amazing innovations and sciences behind the most basic things in the world that humans interact with on a daily basis.

The center was opened to public of India by the then Prime Minister of India Rajiv Gandhi for the purpose of spreading the knowledge about different sciences and intrigue great minds in the field and that purpose was definitely served. The building was surrounded by a variety of trees and shrubs with seating arrangement between the nature.

The visit to the center astonished a lot of students and raised many amazing questions in their minds regarding science. The sciences behind different phenomenon was displayed at the center in terms of vision, energy, kinematics, sound, mechanics and computers.

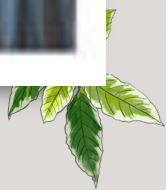
The visit was concluded with amazed students who then proceeded to the canteen for food.







## Visit to Dol Motors



IIC Committee had organized visit to DOL Motors of 4<sup>th</sup> sem students.



Our next industrial visit to Sanjay Gandhi National park on 23rd of Feb 2024 was an informational trip for all third-year students of the EJ department of Vidyalnkar polytechnic. The trip was planned for students to look various activities related to Nature and about our Ancient History. Sanjay Gandhi National Park is said to be one of the most visited national parks in Asia. Hundreds of thousands of visitors travel to the Kanheri Caves. Main attractions of the park are lion and tiger safaris for encouraging eco-tourism. Nature trails and treks are also popular. Rock climbing enthusiasts often visit the national park as the numerous rock faces there and at the Kanheri Caves offer opportunities for rock climbers. The Kanheri caves, located centrally in the park, were important Buddhist learning centres and pilgrimage sites sculpted by Buddhist monks.



# Interaction with Outside World



DTE Code : 1182

Government of Maharashtra Approved  
Lok Sewa Shikshan Bahuuddeshiya Mandal's  
Padmashri Dr. V. B. Kolte College of Engineering, Malkapur

Approved By - ● A.I.C.T.E. New Delhi (I-478101) ● D.T.E. Mumbai (1182)  
● Affiliated to Sant Gadge Baba Amravati University, Amravati (383)  
● Maharashtra State Board of Technical Education, Mumbai (1565)  
(An ISO 9001:2015 Certified Institute)

Tel : (07267) 226700, 295037 Mob. 8989229898 (WhatsApp) 07267226700, Website : www.coenmalkapur.ac.in, Email : coenmalkapur@rediffmail.com  
Address : Mukteshwar Road, Malkapur - 443101 Dist - Balghana (Maharashtra)

● NAAC Accredited Undergraduate Programs ● NBA Accredited Diploma Programs  
Outward : VBKCOE/Poly/2024/ME/ 297 Date : 27/01/2024

To,  
Prof Pratik Tawde  
Electronics and Telecommunication Department  
Vidyalankar Polytechnic  
Wadala Mumbai

Subject: Heartfelt Thanks for Your Contribution to the Faculty Development Program (FDP) on the topic "Overview of mobility and future Scope" dated on 27/01/2024 organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur.

Respected Sir,

I hope this letter finds you well. On behalf of Padm. Dr. V. B. Kolte College of Engineering, Malkapur, I wanted to extend my sincerest gratitude for your invaluable contribution to our recent Faculty Development Program.

Your expertise and insights during the program were truly enlightening and inspiring for all the participants. Your dedication to sharing your knowledge and experiences played a pivotal role in enhancing the professional growth of our faculty members. Your sessions were not only informative but also engaging, sparking thoughtful discussions and encouraging collaborative learning.

We are deeply appreciative of the time and effort you invested in preparing and delivering your presentations. Your passion for your subject matter was evident in every interaction, and it left a lasting impression on everyone fortunate enough to attend.

The feedback we have received from our faculty members has been overwhelmingly positive, with many expressing their gratitude for the opportunity to learn from someone as knowledgeable and experienced as yourself.

Your willingness to share your expertise reflects your commitment to the advancement of education, and we are incredibly fortunate to have had you as a resource person for our program.

Once again, thank you for your invaluable contribution. We look forward to the possibility of collaborating with you again in the future.






Warm regards,  
Mr. P. B. Bhise  
FDP Co-ordinator  
7720080354

  
Principal,  
Padm. Dr. V. B. Kolte College of  
Engineering, MALKAPUR,  
Dist. Buldhana, (M.S.)






# Academic Rankers

## Electronics and Telecommunication Engineering






### SECOND SEMESTER-EJ2K-A

RANK	NAME	PERCENTAGE	PHOTO
1	KHAN INAYA MD ABBAS	81.06	
2	GUPTA TEJASVI VINODKUMAR	80	
3	DHAWALE MANAS RAMKRISHNA	79.18	
4	KORDE ARYA RAJAN	78.47	
5	GAWDE SHAMIK ANAND	77.88	

### SECOND SEMESTER-EJ2K-B

RANK	NAME	PERCENTAGE	PHOTO
1	YARKAR DANISH UMBARI	89.41	
2	KHAN MOHMMAD KAIF IFTEKHAR	85.65	
3	SHERVEGAR AYUSH ASHOK	85.41	
4	BOMBALE ROHAN VIKAS	81.29	
5	GUJARAN VIVAN TEJPAL	80.82	






### SECOND SEMESTER-EJ2K-C

RANK	NAME	PERCENTAGE	PHOTO
1	FODKAR SHOEB TAUFIQ	84.47	
2	SHAIKH MD AYAN MD SHAMSHEER ALAM	82.59	
3	NAKHWA NUPUR SAMEER	80.94	
4	TIWARI RAJ JAY PRAKASH	80.35	
5	SIDDIQUI INAYAT JIYAU	79.88	






# Academic Rankers

## Electronics and Telecommunication Engineering






### FOURTH SEMESTER-EJ4I-A

RANK	NAME	PERCENTAGE	PHOTO
1	SHARMA KRITIKA BHUPENDRA	89.22	
2	BHEKARE SHREYA SANJAY	88.33	
3	DSOUZA CHRISTINA BABU	84.56	
4	RANE MANASVI HEMANT	84.22	
5	TAKLE CHINMAY SANTSOH	82.22	

### FOURTH SEMESTER-EJ4I-B

RANK	NAME	PERCENTAGE	PHOTO
1	PATRA PRACHI BHAGABAN	85.33	
2	JAMDAADE ANUGRAH MANOJ	84.67	
3	GUPTA ASHNA MADHUSUDAN	80.11	
4	MODSING DEV SANTOSH	78.89	
5	DAROGÉ SAALIM SAMEER	78.78	






### FOURTH SEMESTER-EJ4I-C

RANK	NAME	PERCENTAGE	PHOTO
1	VAITY DAKSH RAJESH	84.56	
2	SATVIDKAR ATHARVA SANJAY	82.22	
3	RAM ARYAN KUMAR AJAY KUMAR	81.56	
4	KHATPE PURVA SUBHASH	80.78	
5	SOLANKI HARSH DINESH	80.67	






# Academic Rankers

## Electronics and Telecommunication Engineering

### SIXTH SEMESTER-EJ6I-A

RANK	NAME	PERCENTAGE	PHOTO
1	ERANPURWALA KHUZEMA ZOEB	88	
2	WORLIKAR ANUJ DNYANESHWAR	85.07	
3	SUVARE TANMAY SUDHIR	83.6	
4	BHOGALE ONKAR DATTARAJ	83.2	
5	NISAR RUDRA DINESH	82.8	

### SIXTH SEMESTER-EJ6I-B

RANK	NAME	PERCENTAGE	PHOTO
1	ANSARI MOHAMMED ZAID FAYAZUDDIN	90.4	
2	PANDHARE SAHIL VIDYADHAR	87.73	
3	GARUD SHREYASH MILIND	86.53	
4	SHINDE SHARVARI SUDHIR	84.93	
5	SHIROORKAR VAIBHAV UDAYKUMAR	84.67	

## NEED OF THE HOUR

- 1) IOT (Internet of Things)
- 2) Cloud Computing
- 3) Block chain
- 4) Artificial Intelligence
- 5) Big Data

**IoT** : The Internet of things (IoT) is the network of physical devices, vehicles, home appliances and other items embedded with electronics, software, sensors, actuators, and network connectivity which enables these objects to connect and exchange data. The IoT allows objects to be sensed or controlled remotely across existing network infrastructure.

**Cloud Computing** : Cloud computing enables ubiquitous access to shared pools of configurable system resources and higher-level services that can be rapidly provisioned with minimal management effort, often over the Internet. Cloud computing relies on sharing of resources to achieve coherence and economy of scale, similar to a utility. Third-party clouds enable organizations to focus on their core businesses instead of expending resources on computer infrastructure and maintenance. Cloud providers typically use a "pay-as-you-go" model.

**Blockchain** : A blockchain is a continuously growing list of records, called blocks, which are linked and secured using cryptography which are resistant to modification of the data. Each block typically contains a hash pointer as a link to a previous block, a timestamp and transaction data. Blockchains are secure by design and are an example of a distributed computing system. The first blockchain was conceptualized in 2008 by an anonymous person or group known as Satoshi Nakamoto and implemented in 2009 as a core component of bitcoin where it serves as the public ledger for all transactions.

**Artificial intelligence** : AI is intelligence displayed by machines. In computer science AI research is defined as the study of "intelligent agents": any device that perceives its environment and takes actions that maximize its chance of success at some goal. Colloquially, the term "artificial intelligence" is applied when a machine mimics "cognitive" functions that humans associate with other human minds, such as "learning" and "problem solving".

**Big Data** : Big data is data sets that are so voluminous and complex that traditional data processing application software are inadequate to deal with them. Big data challenges include capturing data, data storage, data analysis, search, sharing, transfer, visualization, querying, updating and information privacy. There are three dimensions to big data known as Volume, Variety and Velocity.

**Department of Electronics & Telecommunication**

