VP-Connect

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

1ST July2023 to 31st December 2023

VP CONNECT

Department of Electronics and Telecommunication

Institute Vision

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

Institute Mission

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

Department of Electronics and Telecommunication

Vision

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

Mission

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

VP CONNECT

Vidyalankar Polytechnic

Department of Electronics and Telecommunication

Inside This Issue

Program Educational Objectives (PEOs)

- **PEO 1. Provide socially responsible, environment friendly solutions to Electronics and Telecommunication engineering related broad-based problems adapting professional ethics.**

- **PEO 2. Adapt state-of-the-art Electronics and Telecommunication engineering broad-based technologies to work in multi-disciplinary work environments.**

- **PEO 3. Solve broad-based problems individually and as a team member**

Program Specific Outcomes (PSOs)

- **Test and maintain modern electronic tools and telecommunication systems by applying technical and conceptual knowledge.**

- **Select appropriate technologies of specified electronic and telecommunication systems based on engineering principles and professional ethics.**

- **Develop critical thinking with inquiring and flexible attitude towards modern trends in electronics and telecommunication technology.**

- **Function effectively as an individual or as a leader in multidisciplinary teams with an ability to communicate in both technical and professional environment and by engaging in lifelong learning. and entrepreneurship by engaging in lifelong learning**

Vidyalankar Polytechnic

Vidyalankar Educational Campus, Vidyalankar Marg, Wadala(East), Mumbai-400037, Telefax: 24161126 Website: www.vpt.edu.in

Vidyalankar Polytechnic

Department of Electronics and Telecommunication

Program Outcomes (PO)

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

2. **Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.

3. **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements

5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.

6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

- **7. Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

From HOD'S Desk

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Prof. Anjum Mujawar

Electronics & Telecommunication Engineering is one of the most flourishing discipline that cultivates innovation and new trends in technology. It provides the most demanding skills one can learn to excel in this profession.

Department of Electronics & Telecommunication Engineering endeavors to provide best professional opportunities to our students and look forward to their bright future. We as a team resolve to take the department to greater heights of success and glory and prepare for the forthcoming challenges.

Quote

Education's purpose is to replace an empty mind with an open one" –
M. Forbes

Expert Lectures And Seminar

Guest Lecture on Intellectual Property Awareness

Research and Innovation committee had successfully organised a guest lecture on "Intellectual Property Awareness" for staff members and students of Vidyalankar Polytechnic. Mr Mayur Lokhande conducted the online session on Intellectual Property Awareness which explained unique idea or creation of an individual, as a result of his/her creativity, through various examples. Also he explained the policy where students in schools and colleges and universities, industry clusters and citizens across India as well as rural areas are educated and made aware about their intellectual property rights. This was really very interesting and knowledge enriching session for all staff and students.

Seminar on Influencers

An Avishkar session on Influencers was arranged for all the students of 3 institutes. Students from all three institutes took part in the session. An active participation of all students of Vidyalankar polytechnic was witnessed in the event. Our oncampus chancellor Dr Kirti madam introduced the topic by giving various examples and by arranging role plays by the students. She also explained how influencers kind of people play a very important role in moulding our personality

Seminars and Workshops

Seminar on A Budding Professional
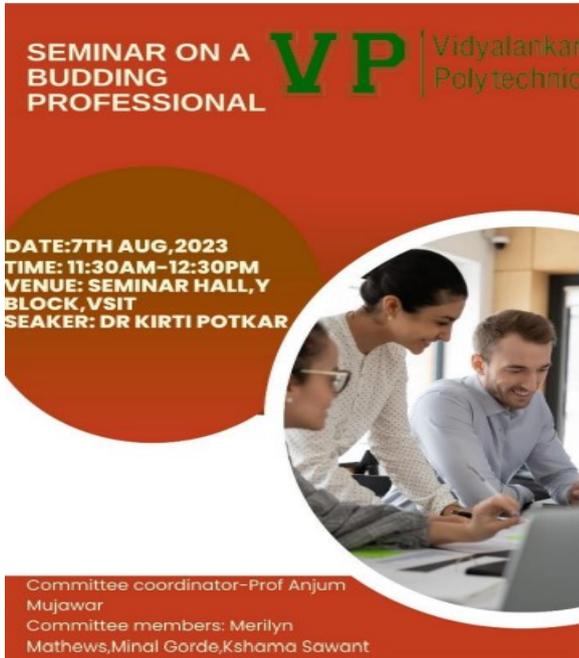
An Avishkar session on A Budding professional was arranged for all the students on campus. Many students from Vidyalankar polytechnic took an active participation in the seminar. All the tips on how you can become an excellent professional. She also aimed at investing the muchneeded time in frameworks that are relevant for your line of business and keep revising them from time to time

TEDx Talk Competition

The Personality Enrichment Committee organized a TEDx Talk competition at intercollege level for all the students. The aim was to provide a platform for students to encourage critical thinking, boost confidence and help them develop their public speaking skills. Each student had to select any one topic out of the four topics and speak for two minutes. There was a large participation of students from different colleges too. Winners were announced at the end of the event and were rewarded with certificates and prizes. All the students who participated were given participation certificates. We extend our heartfelt thanks to all the contributors and volunteers who made this event possible.

Expert Lectures And Seminar

## Webinar on One of the options after Diploma – BSC – IT"
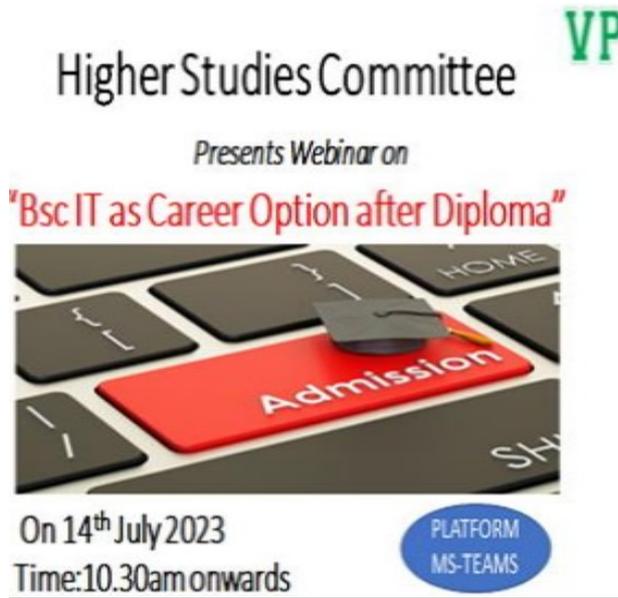
A Webinar on "One of the options after Diploma – BSC – IT" (Exclusively for Diploma students) was held at Vidyalankar Polytechnic on 14th July 2023, delivered by Prof. Prachi Mahajan and Prof. Umesh Koyande .Like all other undergraduate programs related to Information Technology, BSc (Bachelor of Science) in IT is basically about storing, processing, securing, and managing information. This degree is primarily focused on subjects such as software, databases, and networking. The BSc degree in IT is awarded for completing a program of study in the field of software development, software testing, software engineering, web design, databases, programming, computer-networking and computer systems. Graduates with an information technology background are able to perform technology tasks related to processing, storing, and communication of information be-

Webinar on Biomedical Engineering as career option after Diploma

A Webinar on "Biomedical Engineering as career option after Diploma" was held at Vidyalankar Polytechnic on 19th Oct 2023, delivered by Prof. Gajanan Nagare, HOD Biomedical Dept., VIT for fifth semester students.The students were given information about Biomedical Engineering as option after diploma. Biomedical Engineering is identified as one of the important engineering branches in the country which deals with the study of engineering principles. These principles are further combined with the principles of medical sciences aiming to streamline the healthcare services in the country. Health care expenditure is likely to witness an increase due to the rise of awareness and population growth. Furthermore, spreading awareness of medical advancements have led to an increase in the number of people seeking biomedical solu-
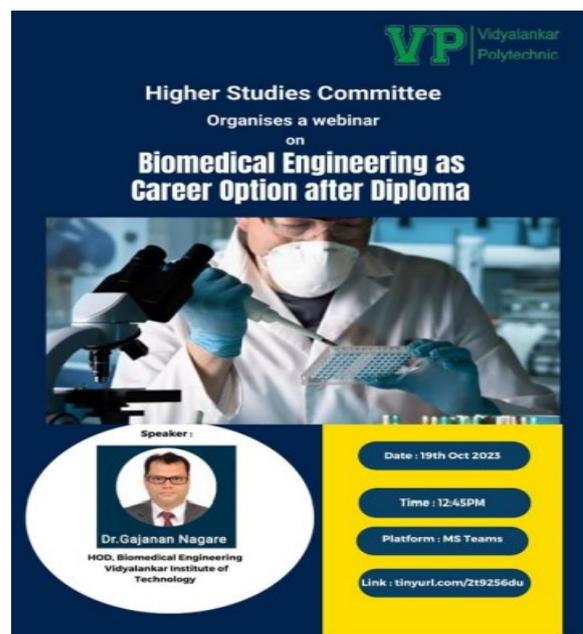
Technical Activities

Industry Meet 2.0

The Industry-Academia Meet convened on 4th Nov 2023 at M101, bringing together professionals from industry and academia to foster collaboration and knowledge exchange. The event aimed to bridge the gap between theory and practice, aligning academic research with industry needs. The Industry-Academia Meet served as a catalyst for meaningful interactions between industry professionals and academics, fostering collaboration and paving the way for joint initiatives that contribute to the advancement of both sectors. We discuss various point in Industry meet 2.0 as follows

- Industry Insights
- Academic Research Presentations
- Collaborative Project Pitches
- Interactive Workshops
- Skill Development and Training
- Future Collaborative Events

Technical Activities

Seminar on 'Workshop on Communication Skill"

The Workshop on Communication Skills was conducted on 19th October 2023at Auditorium in collaboration with Industry Institute Interaction Committee. The aim of the workshop was to enhance participants' communication abilities, focusing on both verbal and non-verbal aspects. The event was organized by IIIC and Placement and Internship Committee, and it attracted participants from diverse backgrounds, including professionals, students, and individuals seeking personal development. The workshop on communication skills was a resounding success, with participants expressing satisfaction with the content, activities, and overall organization. The interactive nature of the sessions allowed for practical learning experiences, enabling participants to apply the skills acquired in real-life scenarios. The feedback and Q&A session provided a platform for participants to share their thoughts and seek clarification on specific topics

Non Technical Activities

Workshop on Team Based Learning-An Evidence Based Active Learning Strategy
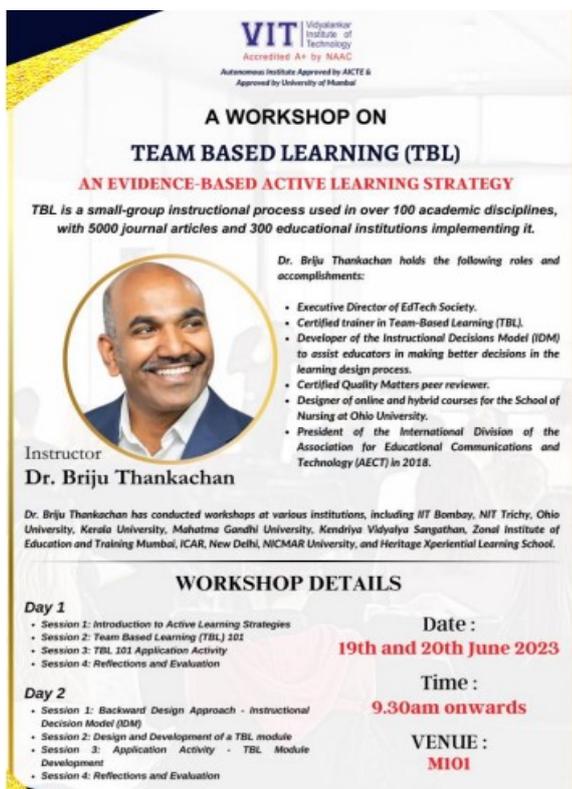
Staff Development Committee organized two days workshop on "Team Based Learning-An Evidence Based Active Learning Strategy" from19th June 2023 to 20th June 2023. The session was delivered by Dr. Briju ThankachanExecutive Director-EdTech Society and certified trainer in Team Based Learning. Team-Based Learning is a comprehensive small group-based instructional process now being used in over 100 academic disciplines. More than 50,000 journal articles have been published on the topic of TBL During this workshop, the participants learnt how to design, develop and implement a TBL module in their own academic discipline. Outcomes of this workshop are:

1.Understand Active Learning Strategies

2.Understand Backward Design Approach - Instructional Decision Model (IDM)

3.Understand Formative, Summative and Confirmative Assessments

4.Understand Technology and Learning Environments 5.Understand Team Development and Accountability & Peer Evaluation Strategies

Non Technical Activities
Awareness program on Personality Development, Grooming,
Menstrual Hygiene, Body Language

Awareness program on PersonalityDevelopment, Grooming, Menstrual Hygiene, Body Language on 3rd October 2023

Women Development Committee
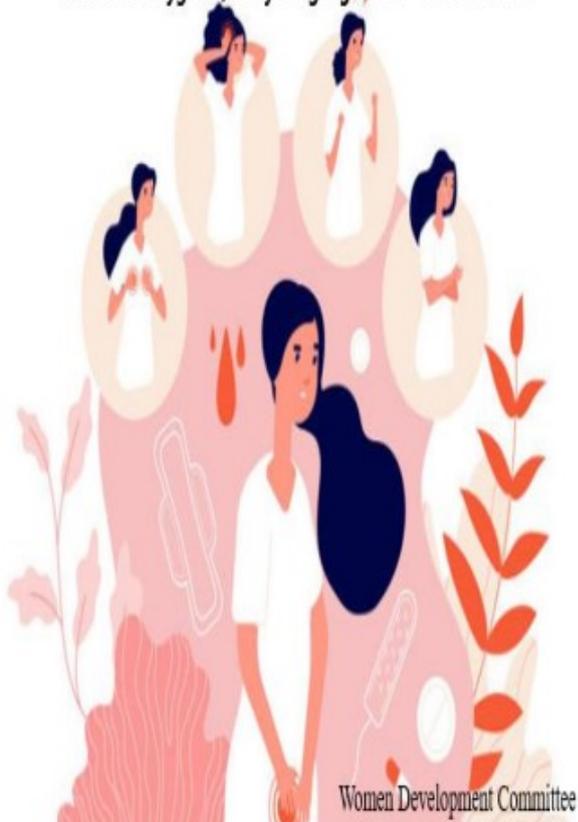
Volunteering Committee of Vidyalankar Polytechnic had organized a visit to Chatrapati Vidyalay, Jawahar and Kanishta Mahavidyalay, sakhare called "Lets Share" on 29-03-2023.The activity took place in number of Events such as 1)Collection and Distribution of stationary Kits 2)Conducting Drawing competition, Essay Competition, Games for all students-by-students volunteers 3)For creating awareness of Higher Education Career Counselling Seminar will be given to 9th Std students 4) for Physical Fitness of girls -Yoga Training by EXPERT with videos will be provided 5) For personal Hygiene of girls tips stating Template for Menstrual cycle will be given 6)To Encourage Girls Education Felicitation of Topper Girl Student With the help of everyone Volunteering Committee manage to share help to collect 650 Stationary Kits , 60 Lezims, 1 Nashik Dhol ,3 Bicycles, and 2 Speakers to the Chatrapati Vidyalaya and Kanistha

Non Technical Activities

TURNCOAT DEBATE COMPETITION

This activity was performed in Ground 1 and 2. The main aim of this activity was to provide platform to students to explore their skills in various outdoor games like Box Cricket, Football, Volley ball and Throw ball, Kabaddi etc. and indoor games like carom,chess,table tennis etc. Students and staff participated in above events.

Vidyalankar Polytechnic Cultural, Sports and Hobby Club Committee has organised an event, VERVE 2022-23 for students.This event took place in Ravindra Natya Mandir, Dadar in two sessions. Students those have skills in Drama, Singing, Dance and Fashion show, Stand-up etc. participated in this event. This event gave platform for students to explore their hidden skills. Not only students but also all staff enjoyed this event.

Women Development Committee organises

TURNCOAT DEBATE COMPETITION ON TOPIC

CHATGPT-BOON OR BANE FOR STUDENTS

📅 Saturday, 30th Sept. 2023

🕐 1:00 p.m. to 3:00 p.m.

📍 VP Seminar Hall

Achievements of the Department

Branding

- **Special Webinars have been organized by department to create awareness about Careers and future scope of Electronics and Telecommunication. Industry.**

- **These webinars have been conducted by Er. Imran Sayyed and Er. Shilpa Gaikwad, who are senior faculties at our department.**

- **We are able to reach almost 2000 target audience through these webinars.**

Our Toppers of MSBTE Winter 2023 Exam

Final Year Toppers

PANDHARE SAHIL

89.05%

ANSARI MOHAMMED ZAID

87.37%

WORLIKAR ANUJ

85.90 %

Second Year Toppers

Sharma Kritika

91.06 %

Vaity Daksh

88.70 %

Bhekare Shreya

88 %

First Year Toppers

Yarkar Danish

82.47 %

Shaikh Ayan

81.41 %

Mohammad Kaif

80.24 %