VP-Connect

Vidyalankar Polytechnic
www.vpt.edu.in

Department of Information Technology

July - December 2023

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 Vision

To become a leading center in the domain of Information Technology where learners are introduced to the concepts and implementation of technologies.

Department Vision

- Encouraging academic excellence and a passion for learning through the use of learner-oriented teaching methodologies.
- Providing an environment that inculcates ethics and effective soft-skills and focuses on the development of learners.
- Establishing and reinforcing a symbiotic institute-industry interface so that learners can gain exposure to real-life applications of Information Technology.

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Program Specific Outcomes

Programming skills: Ability to design and develop different applications based on various software, databases, and multimedia and web designs.

Networking and security skills: Design and implement the concept of networking and security to build real time application with professional ethics and principles.

Mathematical Concept: Ability to apply mathematical methodologies to solve computational task using appropriate data structure and suitable algorithm.

Professional skills: Communicate effectively in professional and social scenario with zest for higher education and entrepreneurship by engaging in lifelong learning

Program Educational Objectives

PEO 1: To provide students with a sound foundation in Information Technology theory and practice to analyze, formulate and solve engineering problems.

PEO2: To develop ethics and life skills for the benefit of social welfare.

PEO3: To enable students to gain exposure to actual technological requirements of the industry through educational visits, conferences and seminars.

Program Outcomes

1. Basic knowledge: An ability to apply knowledge of basic mathematics, science and engineering fundamentals to solve problems related to applications of computers and communication services.

2. Discipline knowledge: An ability to apply Information Technology knowledge to design and develop an application in the field of Information Technology.

3. Experiments and practice: An ability to Plan and perform experiments, practices and use the results to solve Information Technology related problems.

4. Engineering Tools: An ability to apply appropriate Information Technology related techniques and tools with an understanding of limitations.

5. The engineer and society: An ability to access social, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in the field of information technology.

6. Environment and sustainability: An ability to apply Information Technology related engineering solutions for sustainable development practices in environmental context.

7. Ethics: An ability to apply ethical principles, maintain responsibilities and follow the norms as an individual.

8. Individual and team work: Function effectively as a leader and team member in diverse or multidisciplinary teams.

9. Communication: An ability to communicate effectively in the professional environment.

10. Life-long learning: Engage in independent and life-long learning along with the technological changes in the Information Technology and allied industry.

From HOD'S Desk – Ms. Yogita Khandagale

Vidyalankar Polytechnic aims at imparting Quality Technical Education to meet the technical advancements and industrial requirements of the society. It aims at identifying the hidden skills, developing the personality, and inculcating human values to make the students emerge as technically qualified professionals fit enough to face the present competitive world. We teach not only the technical aspects but also inculcate moral and ethical values. This enables them to be socially committed and service oriented.

We wish to prepare Diploma holders to face the challenges in the sector of technology and engineering in the future and succeed in offering technology solutions for the betterment of the society and our nation. We are committed to provide leadership, support for students, and help them in their professional development.

Expert Lecture-Capstone Project Ideas and Orientation

25 July, 2023

Final Year Project Quality Assurance Committee and Industry Institute Interaction Committee had successfully organised an expert lecture – Engineering Capstone Project Ideas on 25th July 2023 for final year students of Electronics and Telecommunication Engineering Program. The objective of this activity was to make students aware regarding the scope of different domains and to have a broader visit in deciding the capstone project topic.

The academic expert Mr. Anjum Mujawar (HOD EJ Department, Head of FYPQA Committee and Technical Head of VP) with an example of designing social distancing I-Card/belt gave insight to students regarding the different parameters to be considered and steps to undertake while designing a project. He expounded the latest controllers that are available in market at present and how their latest features can help designing an innovative project.

Industry expert Mr. Amar Panchal (Professional Trainer and Consultant) introduced students to the most widely used and researched domain - Artificial Intelligence and elucidated how AI allows machine to work efficiently to solve problems from day-to-day life to intelligent robot cloned just like human brain

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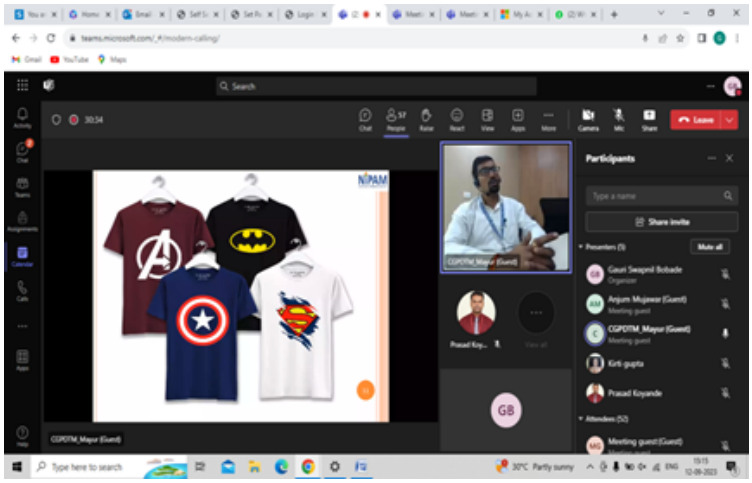
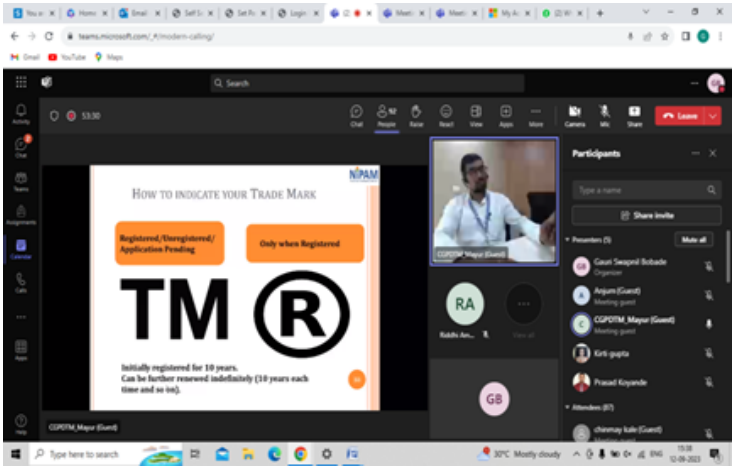
Guest Lecture on Intellectual Property Awareness on 12 September , 2023





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.

Expert lecture on "Data Science and Data Analytics" on 30 September , 2023

Final Year Project Quality Assurance Committee had organised an Expert lecture on "Data Science and Data Analytics" on 30th September 2023 for final year students.

The data Science professional, Mr. Jigar Panchal, Senior Product Analyst -Hacker Rank was invited as a resource person for this expert lecture. The objective of this activity was to make students aware of the ongoing demand for data analytics in industry. The expert lecture mainly focused on the stepwise process of data analysis. The speaker also discussed various companies' case studies which have used data science and data analytics for improving their business decisions and product strategies. The students asked their queries about learning resources and skill set required to design and implement data science features in their final year project.

This expert lecture helped students to get insights into the data science and machine-learning project domain and the designing process.

TEDx Talk Competition

on 13 October, 2023

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.

Formal Wear Day

on 21 October, 2023

The Personality Enrichment Committee organized a formal wear day for all our students. It was a change from their regular dress code to professional attire which not only presents a polished appearance but also instills a sense of self-assurance in them. It also helped them to interact with other students during our technical event 'Techspardha' in a very confident manner.

Dressing professionally allows students to express themselves through their clothing choices in a refined and elegant manner. It also played a part in influencing outcomes by giving them a slight edge of credibility.

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Summer-2023 Toppers

Final Year Toppers

AL LIBAAN KAZI
94.00%

MANAV CHUDASAMA
91.88%

DARSHAN JAIN
91.29%

Second Year Toppers

ISHA NARVEKAR
92.63%

MEHUL SHARMA
92.50%

SHAIKH RAYYAN
90.38%

Summer-2023 Toppers

First Year Toppers

KAMYA PAWAR
84.82%

NIRMAL SHRAVANI
84.35%

ARNEL ANTHONY
84.12%