

VP-Connect

DEPARTMENT OF INFORMATION TECHNOLOGY

1ST JANUARY 2020 to 30TH JUNE 2020



Department of Information Technology

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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 Information Technology

Vision

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

Mission

- **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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Winter-19 MSBTE Examination Toppers

Program Educational Objectives (PEOs)

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 Specific Outcomes (PSOs)

- **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.

Department of Information Technology

Program Outcomes (POs)

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 –Prof Yogita Jore

Inside Story

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.

Quote

IF YOU CAN DREAM IT , YOU CAN DO IT

- WALT DISNEY

Hackathon

An internal hackathon was organized by TechShala. During this hackathon the problem statements were borrowed from the official Smart India Hackathon 2020 website. The students were given 10 hours to code their solution. Followed by an elimination round in which changes were suggested and time was given to the student for them to work on the same, was the presentation round in which the teams presented the topics in front of a jury of judges. The hackathon was a unique experience for the students who participated in. It was an opportunity for the students to experience the pressure and excitement that is felt during an actual hackathon.



V-Technovation

Project Exhibition & Competition

Inside Story

Project quality assurance committee had successfully organized the project exhibition “V-Technovation 2020” on 30th January for Department of Information Technology Department.

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.



Seminar on Product Development

Inside Story

Vidyalankar Polytechnic has organized a seminar on “Product Development“ by our alumni Mr. Abijeet Gupta Head of Products, InpointTech (USA based Startup) 2009 batch and Mr.Prashant Sharma Entrepreneur Greymatter Tech of 2013 batch.

Seminar was very informative and inspirational to the students.

They focused on :

- ◆ The flow of product development from the idea of concept to final product.
- ◆ The points to be considered before the Product Development.
- ◆ Basic things to be analyzed for starting his/her own company.



Students' Participation in Hackathon

Smart India Hackathon 2020

Inside Story

Team Name: ERROR 404

Team leader: Hassaan Khan

Problem Statement: Exam Cheating Detection System

Organisation: CBSE

Smart India Hackathon 2020 was a challenging yet awesome experience for Diploma Engineering Students. It was something which students had never experienced and challenging as the entire event was held virtually. The Three days Hackathon session made students sweat and helped them to gain a lot of learning experience as they participated first time in such huge competition.

Our Participated Students shared their experience as “Though we didn't win, we are still proud of what we could achieve in such a short period of time. Our mentors guided us very well throughout the session.”

Our Toppers of MSBTE Winter 2019

THIRD YEAR TOPPERS



**Shreyas Shah
(93.76%)**



**Arsheen Kazi
(93.76%)**



**Samreen Kazi
(93.65%)**



**Khushi Singh
(93.65%)**



**Hassan Khan
(92.59%)**

Our Toppers of MSBTE Winter 2019

SECOND YEAR TOPPERS



**Yash Bhappa
(92.00%)**



**Siddhi Bhosale
(91.88%)**



**Chirag Shetty
(91.75%)**

FIRST YEAR TOPPERS



**Shruti Patil
(88.29%)**



**Asmika Panchal
(88.14%)**



**Zeenat Mujawar
(84.43%)**