

VP-Connect

DEPARTMENT OF INFORMATION TECHNOLOGY

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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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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.

Department of Information Technology



Prof. Yogita Jore
H.O.D.
Information Technology Dept.

From H.O.D Desk

It gives me immense pleasure in welcoming all the students to the new semester of the academic year 2017-2018 of Information Technology Department, Vidyalankar Polytechnic. I wish a warm welcome to the students who have taken admission this year.

Departmental Activities

1. Induction Program for Second and Third Year students are conducted in June 2018.
2. Expert Lecture on are conducted on “3D” in July 2018
3. Induction Program for First Year students are conducted in August 2018
4. Expert Lecture on “Career Opportunities in SAP” is conducted in August 2018
5. Parents meeting conducted for Third Year students in August-2018
6. Parents meeting conducted for Second Year students in September-2018
7. Industry Expert Lecture on “Linux Programming” is conducted in September 2018
8. Industrial Visit is organized to CETTM, Powai, Mumbai in August 2018 and to C-DAC, Pune in September 2018

Industry Institute Interaction Committee

Industry Expert Lecture on

- 1. Industry Expert Lecture on “3D” : 28/07/2018**
- 2. Industry Expert Lecture on “Career Opportunities in SAP” : 02/08/2018**
- 3. Industry Expert Lecture on “Linux Programming” : 01/09/2018**

Inside Story

Expert Lecture on “3D”

Industry Institute Interaction Committee had organized expert lecture on “3D” by Mr. Prashant Bho-sale and Mr. Parag Godbole, Co-founder of Basement Production Studio Pvt. Ltd.

Flash is a cross-platform software application created by Adobe. It can be used to create animations, embed streaming video on Web pages and design video games. Flash is included with many current Web browsers and provides access to videos and other interactive content for many Internet users. The students of Computer engineering and Information technology program attended the same. Speakers had explained what are the career opportunities in 3D Multimedia, what are the different fields available in multimedia and flash, etc.

Expert Lecture on Career Opportunities in SAP

Industry Institute Interaction Committee had organized guest lecture on “Career Opportunities in SAP” by Mr. Prashant Kelkar, Vice-President of ATOS Pvt. Ltd.

Mr. Kelkar explained why SAP skills are so important. In order to start a successful career after many years at school and university, SAP-skills have become an indispensable factor. Understanding SAP software and the ability to work with it is vital in many areas of the job market. For many positions today such skills are mandatory. When this is not the case, applicants can still be sure to enhance their chances to be accepted for a job when they can prove that they already bring SAP-skills from their time at university.

Industry Institute Interaction Committee has organized a seminar on “Empower Academic and pro-

Expert Lecture on “Linux Programming”

Industry Institute Interaction Committee had organized expert lecture on “Linux Programming” by Mr. Anurath Mane, Application Engineer, 3I Infotech Ltd. Linux programming creates applications, interfaces, programs and software. Often, Linux code is used on desktops, real-time programs and embedded systems.

Linux is widely used in servers, computer architecture, and computer security systems. It is also used in real-time programs and the embedded systems of cell phones and PDAs. Mozilla Firefox runs on Linux, as does the popular alternative operating system Ubuntu. Linux programming has resulted in many applications. The ways that programmers use the free source code of Linux are constantly evolving and adapting



Industry Institute Interaction Committee

Industrial Visit and Educational Visit

1.Industrial Visit to CETTM, Powai, Mumbai : 04/08/2018

2.Industrial Visit to C-DAC, Pune : 26/09/2018

Inside Story

CETTM, Powai, Mumbai

Industry Institute Interaction Committee had organized industrial visit to CETTM, Powai, Mumbai. The students of Third year from Computer engineering and Information technology department attended the same. The experts of CETTM explain various telecom domains like Telecom Switching, Telecom Transmission, Wireless Communication, Information and Broadband Technologies .



C-DAC, Pune

Industry Institute Interaction Committee had organized industrial visit to C-DAC, Pune on 26 September, 2018.

The Centre for Development of Advanced Computing (C-DAC) is an Autonomous Scientific Society of Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Government of India. Students have gained the knowledge about PARAM supercomputer, Uses of Supercomputer and what security issues are present while handling the supercomputers.



Quote

IF YOU CAN DREAM IT , YOU CAN DO IT

- WALT DISNEY

Our Toppers of MSBTE summer-2018

THIRD YEAR TOPPERS



Patel Ritu
(90.13%)



Patel Riya
(89.63%)



Shelke ,Ankita
(88.50%)

SECOND YEAR TOPPERS



Khedekar Shraddha
(89.67%)



Niraj Shirkar
(87.56%)



Patanwala Furkan
(87.44%)



Khan Hassan Mohd
(88.63%)

TOPPERS



Shah Shreyas
(87.88%)



Dakhway Aman
(86.75%)