

About the Institute

Hope Foundation's International Institute of Information Technology (I²IT) was established by Late Shri. P. P. Chhabria, Founder Chairman of Finolex Group of Companies, well-known philanthropist and former President of Maratha Chamber of Commerce, Industries and Agriculture (MCCIA). I²IT has always propagated 'Innovation and Leadership' as their mantra to bring ground-breaking ideas and provide a rock solid foundation for learning by providing quality education.

I²IT was dedicated to the service of the nation at the hands of Bharat Ratna and former President of India, Hon'ble Late Dr. A P J Abdul Kalam on May 28, 2003. Since then it has emerged as one of the premier institutions in Technology in India. International Institute of Information Technology (I²IT), Pune is approved by the All India Council for Technical Education (AICTE), New Delhi; recognized by Directorate of Technical Education (DTE), Govt. of Maharashtra; and affiliated to Savitribai Phule Pune University (formerly University of Pune).

Vision:

- I²IT aspires to be an academic leader recognized for innovation, quality teaching and research, holding high moral values and forward thinking institution that explores creative approaches for the future.

Mission

- To provide viable and adaptable atmosphere guided by the principles of inclusiveness, integrity, innovation, creativity and quality.
- To bridge the gap between industry and academia by providing industry sponsored projects, internship and various guest lectures.
- To inculcate technical and team work skills in students so as to enable them to take up new challenges and real life problems faced by industry and society.

About the Department

Department of Computer Engineering at I²IT offers four-years, full-time, Bachelor of Engineering (B.E.) in Computer. Through our state-of-the-art infrastructure & well equipped laboratories we provide students sound theoretical education along with practical and real-time projects, which prepares them to be competent in every domain of Computer Engineering.

Since its inception in 2010, the Department of Computer Engineering has been dedicatedly working to impart knowledge in the field of Computer engineering and strives to provide innovative and quality education with high standards so as to achieve academic excellence and create a conducive platform for students to achieve their career goals.

Department Vision:

- To produce & cultivate creative innovators, global entrepreneurs & ethical professionals using latest technologies & high quality learning aids.

Department Mission:

- To equip students with knowledge and expertise in the field of computer technologies and contribute significantly to the industry and society.
- To foster high-quality learning and research environment for students.
- To nurture the interpersonal & entrepreneurship skills of students enabling them to take on leadership roles in the field of computer engineering.



About the FDP

Geoinformatics has emerged as a field of study that is focused on basic questions about acquisition, storage, management, analysis and visualization of geographic information within Geographic Information Systems (GIS). Geoinformatics researchers develop new computational, visual analytical and statistical methods to process, analyze and understand big geospatial and temporal data. Through the development of new theories and methodological tools, geoinformatics helps to support basic scientific enquiry as well as help address complex social and environmental challenges (e.g., climate change, public health, migration, transportation safety, and security). Geoinformatics research contributes to the development of various location-aware technologies such as Global Positioning Systems (GPS), the Internet of Things (IoT), Mobile Sensors, and Remote Sensing.

Objectives of FDP:-

- To introduce Geoinformatics system, Concept of Smart Cities and Applications
- To introduce the concepts of Remote Sensing, Geographic Information System & Global Navigation Satellite System (GNSS)
- To showcase applications of Geoinformatics and development of mobile based GIS Applications

Course Details:-

- Introduction to Geoinformatics
- Introduction to Open Source GIS
- Introduction to GNSS
- Map Making
- GPS Data Collection