



**Hope Foundation's
International Institute of Information Technology, Pune
Department of Computer Engineering**

Activity Report

**Three Days National Level Faculty Development Program on
"Geoinformatics System Development"**

Academic Year: 2017-18

Semester: II

Name of Event: Faculty Development Program

Date of Conduction: 24th April, 2018 To 26th April, 2018

Time: 09:00 AM To 04:30 PM

Target Audience: Faculty members, Researchers, PhD and ME Scholars of all domains

No of Participants: 44

Venue: Computer Center

Topic: "Geoinformatics System Development"

Resource Persons: Dr.T.P Singh, Prof. Omkar Parishwad, Dr. V. Rajesh Chowdhary

Coordinator: Prof. Kimi B. Ramteke

Objectives:

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

Outcomes:

On completion of this course faculties will be able

1. Understand the concepts of Geoinformatics systems and its wide use in daily life.
2. To gather database and use Geoprocessing tools for design, remote sensing and analysis of geographic information.

3. To effectively use Digitization of Map using Google Earth & 3D Mapping for developing GIS web application.

Activity Description:

The Faculty Development Program on “Geoinformatics System Development” was organized for faculty members, researchers, PhD and ME Scholars from Computer Engineering, Information Technology, E&TC, Civil and other domains of engineering and technology. Geoinformatics has emerged as a field of study that is focused on basic questions about the acquisition, storage, management, analysis and visualization of geographic information within Geographic Information Systems (GIS). It is used to support research in an increasingly wide range of disciplines that include the arts, humanities, social sciences, natural sciences, health sciences, and engineering. The hands on sessions conducted during the course enhanced the understanding and implementation skills using tools and logical thinking of faculties towards research. At the end of course faculties implemented real life problem statements.

Photographs of event:





