

## Workshop on GIS & GPS

Date: 21<sup>th</sup> Feb, 2015  
Time: 09:00 am to 6:00 pm



Smt. S.R. Patel Engineering College

# Workshop Report

### OBJECTIVES:

- I. Strength of basic understanding of GPS and GIS as well as Total Station by their field techniques and Mapping application and scope in civil engineering.
- II. Critically evaluate a range of information and points of view about data collection, store, analysis and transformation through total station instrument.
- III. To built a force of young ones across the country and make a network of leaders working different aspects and



### Summary:

**Global positioning system (GPS)** technology has complimented geographic information systems (GISs) for a number of years and is now well understood and accepted by the GIS community and Civil Engineering field. The primary focus of **GPS within the GIS** arena has traditionally been based around GPS systems that collect, store and transfer data from a field system to an office-based GIS.. This increased interest in field-GIS has a corresponding interest in the application of GPS within GIS in field of civil engineering and suggest ways to determine the necessary considerations while using total station on field. **A Total station** technique is a fundamental tool for exploring the site and accurate determination of essential parameters for proper combination

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### Course Participant:

Workshop was organized for the students of 4<sup>th</sup> Semester, Civil Engineering. Total Number of students present in workshop was 56.

### Workshop In charge:

Prof. Hiren V. Patel

Prof. A.Y.Salariya

## Smt. S.R. Patel Engineering College, Dabhi

Student's Feedback Result for workshop					
Feedback Criteria	Highly Satisfied	Satisfied	Neutral	Dissatisfied	Highly Dissatisfied
Workshop Topic	73	19	08	00	--
Site Selection	22	39	12	17	10
Understanding	42	48	10	--	--
Time Allotted	51	49	00	--	--
Faculty Support	72	16	12	--	--
Practical Application	61	15	14	04	--
Need of Such workshop in future	82	13	04	01	--