

A training of trainers (TOT) course

'Geometrics in infrastructure design and management: Water sector'

Organized at

Nirma University, Department of civil engineering, institute of technology,

(From 01.08.2011 to 06.08.2011)

The course is sponsored by anchor institute for infrastructure sector promoted by government of Gujarat industries commissionerate. The sessions in the tot would be delivered by experts in the field of geomatics and water sector. The TOT would cover topics on geometrics and it's applications, GIS, Remote sensing and advanced surveying with DGPS for water sector; issues, governance and management framework of water sector; network design and analysis; Modeling – Tools for Distribution and analysis; and Asset and Data Management System for water networks. The TOT programme would be highly beneficial for teaching faculty of Civil Engineering, Architecture and Environmental engineering/Science colleges in Gujarat. **All expenses including travelling, lodging and boarding shall be borne by the sponsor-anchor institute for infrastructure sector, therefore no registration fee will be charged.**

Enclosed please find the TOT course schedule and registration form.

For registration and further details contact TOT coordinator: Prof.Pratima Singh, Department of Civil Engineering, Institute of Technology, Nirma University, Ahmedabad

E mail: pratima.singh@nirmauni.ac.in Mobile: 9824284149

Schedule Training of Trainers

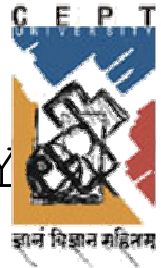
Date	Time					
	9.00-10.15	10.30-11.45	11.45-13.00	14.00-15.00	15.15-16.15	16.15-17.15
01.08.2011	Welcome and Introduction	Geomatics in Civil Engineering	Geomatics Application in Urban Planning: AUDA case study	Remote Sensing: An Overview	Remote Sensing: Hands on Group Exercise	Remote Sensing for Water and Waste Water Network Mapping: GPR
02.08.2011	GPS and DGPS for Water Infrastructure Mapping	Hands on Exercise: GPS for Mapping	GIS : An overview	GIS Software Demo:	GIS Software Demo:	GIS Applications in Water Resource Mapping
03.08.2011	Flood Hazard Modelling	Issues in Urban Infrastructure Service: Water Supply	Utility Governance and Management Framework of ULB's	Water Supply Network Design	Water Supply Network Design	Water Supply Network Design
04.08.2011	Hands on Exercise: Water Supply Network Design	Hands on Exercise: Water Supply Network Design	Hands on Exercise: Water Supply Network Design	Hands on Exercise: Water Supply Network Design	Hands on Exercise: Water Supply Network Design	Hands on Exercise: Water Quality Monitoring
05.08.2011	Field Visit to Water Infrastructure site	Field Visit to Water Infrastructure site	Field Visit to Water Infrastructure site	Water Distribution and Analysis Tools: Water CAD/Gems	Water Distribution and Analysis Tools: Water CAD/Gems	Water Distribution and Analysis Tools: Water CAD/Gems
06.08.2011	Advanced GIS Tools: Network Analysis	Application of GIS: Asset and Data Management System for Water Networks	Application of GIS: Establishing a Complaint Redressal System	Application of GIS: Establishing a Complaint Redressal System	Summarisation, Test, Discussion and Valediction	

STATE LEVEL ANCHOR INSTITUTE FOR INFRASTRUCTURE SECTOR

FACULTY OF PLANNING & PUBLIC POLICY

C E P T U N I V E R S I T Y

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**TOT on
Geomatics in Infrastructure Design & Management: Water Sector
1 – 6 August 2011**

Venue: Institute of Technology, Nirma University, Sarkhej-Gandhinagar Highway,
Ahmedabad 382481

REGISTRATION FORMAT

Name: _____

Qualification: _____

Designation: _____

Organization/ Company:

Mailing Address: _____

Contact No: _____

Fax: _____

Email: _____

Do you require accommodation

Yes / No

Date

Signature