

STTP WORKSHOP ON SKILL UPGRADATION IN TOTAL STATION & IRNSS



UNDER
TEQIP-VTU



09-13, JANUARY 2020

VENUE:

**Dr. K.R. Paramahansa Seminar Hall
AMC ENGINEERING COLLEGE**

Department of Civil Engineering

18th KM Bannerghatta Road Bengaluru 560083

Website: www.amcgroup.edu.in

ORGANIZED BY

**TEQIP Cell - Visvesvaraya Technological University
Department of Civil Engineering,
AMCEC**

CO-ORDINATOR

Dr. Shashishankar A.

Professor & Head, Dept. of Civil Engineering, AMCEC

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AMC ENGINEERING COLLEGE

AMC Engineering College is NBA & NAAC accredited B++ Institute ranked consistently among top colleges under VTU, NIRF India Ranking 2018 (Rank-Band 151-200), Gold rating CII, AICTE Survey. Founded in 1999 by Dr. K.R. Paramahansa, an eminent entrepreneur, philanthropist and educationist with over 3 decades of experience in striving to be a leader in imparting value based technical education and research for the benefit of society through industry institute interface.

The college offers 6 UG, 6 M.Tech, MCA and MBA Programmes with 9 Research Centers having 50 Research Scholars and 4 Ph.D awardees.

DEPARTMENT OF CIVIL ENGINEERING

Located in a serene pollution free 52 acres Campus in the vicinity of Bannerghatta National Park is focused on delivering education experience equipping for the life and career. The professional bodies of national repute viz., Indian Concrete Institute ICI, Association of Consulting Civil Engineers India - ACCE- (I) & Indian Green Building Council - IGBC have started the Student Chapters, Student Mentor Programme (SMP) leading to internships and possible job opportunities in Civil Engineering on the anvil.

OBJECTIVES AND OUTCOMES OF PROGRAM

1. Capacity building for land surveying using Total station
 2. Hands on experience using Pentax R-1500
 3. Upgradation of skill among faculty and students
 4. Encourage Engineers to take up employment
 5. Certification from VTU
6. Will Efficiently conduct Extensive Survey Camps as per VTU Syllabus using Total Station
7. Will be increasing Employability Skills for Immediate Recruitment by Government & Private Bodies
8. Will be able to Understand Indigenous IRNSS System Developed by ISRO as alternative to GPS

Chief Patron

Dr. Karisiddappa
Hon'ble Vice Chancellor
VTU - Belagavi

Patron

Dr. A.S. Deshpande
Registrar
VTU - Belagavi

Chief Mentors

Dr. K.R. Paramahamsa
Hon'ble Chairman
AMC-CITY Group of Institutions

Dr. Geetha Paramahamsa
Hon'ble Vice Chairperson
AMC-CITY Group of Institutions

Mentors

Ms. Monica Kalluri
Vice President
AMC-CITY Group of Institutions

Mr. Rahul Kalluri
Executive Vice President
AMC-CITY Group of Institutions

Dr. A.G. Nataraj
Principal
AMCEC

Dr. A.K. Murthy
Dean
AMCEC

Special Invitees

Dr. K.B. Prakash
Principal
GEC - Haveri

Dr. Nagesh M.
Professor & Head
GEC - Ramanagara

Resource Persons

Dr. Inayathulla, Director Water Institute, UVCE

Dr. Abhilash R, Senior Scientist, NHI-Roorkee

Dr. Ravindra R, Professor, RVCE

Dr. H.B. Balakrishna, Professor & Head, Dept. of Civil, BIT

Dr. Showkath Ali Khan Zai , Associate Professor, AMCEC

Dr. Divya Srinath, Professor, Nagarjuna College

Dr. Raju Garudachar, Scientist, ISRO

Dr. Ganesh Raj, Director Respond, ISRO

Dr. V. Jagannatha, Chief Engineer, ISRO-ISTRAC

09-01-2020, Thursday

09:00AM-11:00AM : Introduction to Total station

11:00AM-11:15AM : High Tea

11:15AM-01:15PM : Program of work Using Total Station

01:15PM-02:00PM : Lunch Break

02:00PM-05:00PM : Preliminary Hands on training Session

05:00PM-05:15PM : High Tea

10-01-2020, Friday

09:00AM-11:00AM : Introduction to Field Data acquisition using total station

11:00AM-11:15AM : High Tea

11:15AM-01:15PM : Introduction to Error Analysis of Total station Data collected

01:15PM-02:00PM : Lunch Break

02:00PM-05:00PM : Detailed Hands on training Session

05:00PM-05:15PM : High Tea

11-01-2020, Saturday

09:00AM-11:00AM : Step by step Field Data acquisition using Rectangular & Polar coordinate system in total station

11:00AM-11:15AM : High Tea

11:15AM-01:15PM : Data Conversion of collected info from spread sheet(.csv) to drawing format(.dxf)

01:15PM-02:00PM : Lunch Break

02:00PM-05:00PM : Contour mapping Using "AUTO CAD CIVIL 3D"

05:00PM-05:15PM : High Tea

12-01-2020, Sunday

09:00AM-11:00AM : Solving Practical exercises from candidates using total station

11:00AM-11:15AM : High Tea

11:15AM-01:15PM : Data Conversion of collected info from spread sheet(.csv) to drawing format(.dxf) from Candidates

01:15PM-02:00PM : Lunch Break

02:00PM-05:00PM : Submission of executed Field problems and evaluation

05:00PM-05:15PM : High Tea

13-01-2020, Monday

09:00AM-11:00AM : Brief Introduction to Indian Regional Navigation satellite System (IRNSS) as an alternative to GPS

11:00AM-05PM : Field Visit to ISRO ISTRAC, Peenya

SPONSORS

TEQIP Cell
Visvesvaraya Technological University

HOW TO APPLY

Registration forms duly filled should be sent to the following Email ID:
shashianant@gmail.com

Registration is free

Registration includes Lunch, Tea, Conference Kit.
Lodging will be provided only to outstation participants.



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UNDER TEQIP-VTU

09-13, JANUARY 2020

Registration Form

Name : _____

Qualification : _____

Designation : _____

Affiliation : _____

Address : _____

Mobile No. : _____

Email ID : _____

Date

Signature of
participant