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Head, Department of Civil Engineering, FEAT

Convener

Prof. Dr. S.Palanivelraja, Professor of Civil Engineering

Co-ordinators

Dr.B.Kumaravel, Associate Professor in Civil Engineering
Dr.K.Srinivasan, Associate Professor in Civil Engineering

Participation

This training program is open to all those who are interested in the areas of field surveying and also to scientists, Faculty members, Researchers, Scholars, and students from various disciplines such as Civil Engineering, Earth sciences, Marine Biology and Agriculture etc.

Registration

The applicant can submit the dully filled registration form along with the registration fee. The registration fee should be in the form of a Demand Draft drawn in favour of "The Registrar, Annamalai University" payable at Annamalainagar.

Registration Fee : Rs 1500/-
Industry sponsors Rs. 2500/-

Address for Correspondence

Dr.B.Kumaravel, Associate Professor
Dr.K.Sreenivasan, Associate Professor
Coordinators,

Department of Civil Engineering
Faculty of Engineering & Technology
Annamalai University
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One week Hands on Training

On

TOTAL STATION

19th to 23rd April 2023

At

Department of Civil Engineering

(B.E. Degree Programme – NBA Accredited)

Faculty of Engineering and Technology

ANNAMALAI  UNIVEERSITY

(Accredited with 'A+' Grade by NAAC)

Registration Form

Name: _____

Phone: _____

Place:

Date:

Signature of Applicant

Sponsorship Certificate

Mr./Ms _____ studying/

working in _____

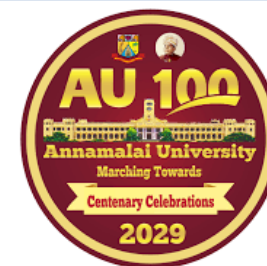
(College/organization) is sponsored for the above workshop

and he/she will be permitted to attend the workshop, if

Selected.

Date:

Signature of the Principal
with seal



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Convener

Prof. Dr.S.Palanivelraja, Professor of Civil Engineering

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Organized by

Department of Civil Engineering

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Annamalainagar

Tamilnadu

About Annamalai University

Annamalai University, with a sprawling campus of nearly 1000 acres, is one of the largest residential Universities in Southern Asia, comprising 10 Faculties and 49 Departments of study located at Chidambaram: The Adobe of the Cosmic Dancer, Lord Nataraja.

In the early 1920s, to serve the downtrodden and to promote Tamil Literature, Rajah Sir S. R. M. AnnamalaiChettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College in a rural setup at Chidambaram. In 1928, Rajah Sir S. R. M. AnnamalaiChettiar agreed with the local Government to hand over the above-mentioned institution for the establishment of a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929). Ever since its establishment, Annamalai University has played an incredible role in the lives of people near and far. In 2013, the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), was passed and has come into force as of September 25, 2013.

Annamalai University, a "University" in the true sense of the term, has been sustaining a unified ecosystem of education by offering various programmes under one roof. Being a unitary, multi-faculty institution, Annamalai University has evolved a time-tested system of administration to ensure the ceaseless transaction of teaching-learning, the boundless expansion of research and innovation, and the selfless extension of service to the society.

The availability of ten diverse disciplines and 49 departments of study, along with sports pavilions, gymnasiums, libraries, and yoga/meditation halls, ensure fertile ground and a favourable climate for learners to become all-rounded and competent individuals rather than mere "programmed specialists." **Annamalai University is accredited with 'A+' Grade by the NAAC in 2022.**

About Faculty of Engg. & Tech

The Faculty of Engineering and Technology (FEAT) was established in the year 1945, as the Second Engineering College of the composite Madras State. The FEAT proudly celebrated its Golden Jubilee in the year 1996, and the Diamond Jubilee in 2005. The FEAT has eleven departments of study, namely Chemical Engineering, Civil Engineering, Civil & Structural Engineering, Computer Science & Engineering, Electrical Engineering, Electronics and Communication Engineering, Electronics & Instrumentation Engineering, Information Technology, Mechanical Engineering, Manufacturing Engineering and Pharmacy.

About Civil Engineering Department

The Department of Civil Engineering presently offers an undergraduate programme in B.E. Civil Engineering, Postgraduate programmes in Environmental Engineering, Water Resources Engineering & Management, Environmental Engineering & Ph.D. in Civil Engineering.

The Department has received financial assistance of Rs. 100 lakhs through UGC SAP DRS Phase II. The Department has strong infrastructure with well-equipped laboratories under UGC SAP, AICTE and other funding agencies.

The Department has received grants through major and minor research projects for a total of Rs.225 lakhs and has produced 67 Ph.D.s in the last 15 years.

The Department had an MOU/Collaboration for student exchange programme with Fukii University, Japan. The Centre for Environment, Health and Safety (CEHS) an integral part of the Department, is accredited as an EIA consultant by QCI under the NABET scheme for MoEF& CC for several industrial sectors. The centre has completed industrial consultancy projects to the tune of Rs.100 lakhs and is also pursuing work for about Rs. 300 lakhs.

About workshop

A Total Station or TST (Total Station Theodolite), is an electronic and optical instrument used in modern surveying and building construction. The total station is an electronic theodolite (transit) integrated with an electronic distance measurement (EDM) to read slope distances from the instrument to a particular point. Total stations are mainly used by land surveyors and civil engineers, either to record features as in topographic surveying or to set out features (such as roads, houses or boundaries). They are also used by archaeologists to record excavations and by police, crime scene investigators, and insurance companies to take measurements of scenes. This workshop provides training on the setting and operation of Total Station.

Objectives

The main objective of this workshop is hands on training in Total Station to give a complete picture of the basics of modern surveying trends and their applications in planning construction, and architectural areas. The students will learn to use the major tools available with Total Station and train to do field survey data collection in practical situations. Students will be exposed:

- To understand the various functions of Total Station
- To gain knowledge on applications of Total Station
- To have a practical approach for creating detailed Topographical Maps with contours

The key areas to be delivered in the Training Program are

DATE	KEY AREAS SCHEDULE
19/04/2023	Introduction to Total Station and basic features
20/04/2023	Setting of Total Station & Practice for station setup
21/04/2023	Exporting field data to computer & Hands on session for processing Field Data in AutoCad, preparation of field map, Generation of contours and overlaying in field map
22/04/2023	Field survey
23/04/2023	Field survey

Faculty Members

Prof . Dr. S. Palanivelraja, Professor of Civil Engineering
Prof . Dr. T. Ramesh, Professor of Civil Engineering
Dr. B. Kumaravel, Associate Professor in Civil Engineering
Dr K. Srinivasan, Associate Professor in Civil Engineering
Dr. Hemanth Reddy, Instrument Solution, Bangalore

Session Details

Technical Session 1: 08:30AM-12:00PM

Lunch Break: 12:00PM – 1:30PM

Technical Session 2: 01:30PM-4:00PM