For Registration Scan the QR Code

Eligibility Criteria

Faculty, Students of Engineering and Polytechnic colleges of Civil Department.

Registration Fees

All the registration fee in the form of Demand Draft in favour of **"KARPAGAM ACADEMY OF HIGHER EDUCATION"** Payable at Coimbatore.

For UG/PG	: Rs.200/-
For Faculty	: Rs.300/-
For Industrialists	: Rs.400/-

Fees includes Kit, refreshment and participation Certificate.

Reporting Time: 9.00 A.M

From,

Head of the Department,
Department of Civil Engineering,
Karpagam Academy of Higher Education,
Pollachi Main Road, Eachanari Post, Cbe-21

To

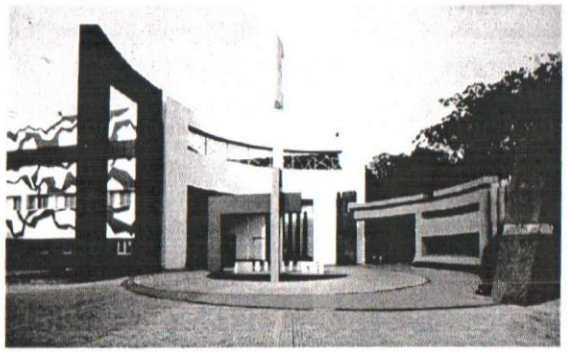
NATIONAL LEVEL HANDS ON TRAINING PROGRAM ON "DIGITAL LAND SURVEYING TECHNIQUES USING TOTAL STATION"

Date: 30th January 2020
Venue: MBA Seminar Hall

Organized by

KARPAGAM
ACADEMY OF HIGHER EDUCATION
(Deemed to be University)
(Established Under Section 3 of UGC Act, 1956)

Department of Civil Engineering
Karpagam Academy of Higher Education
Coimbatore-641021
Tamil Nadu
India



About Institution

Karpagam Academy of Higher Education is enriched with contemporary infrastructure, modern teaching methodologies, career oriented training, excellent placements and the finest faculty besides technical expertise. The institute has made a mark for itself in a short period since its inception by developing communication and soft skills, ensuring enlightening knowledge and creating strong value education system.

About the Department

Under graduate program is being offered at the institution campus since 2008. The academic activities of the department emphasis on deep understanding of fundamental concepts, development of creative ability to handle the challenge of civil engineering. The faculty members encourage the students to get involved in the research activities of Department.

Resource Person

Dr. J. SANKAR / Consulting Civil Engineer
SURRYA BUILDERS
Hasthampatty, Salem.

Objective

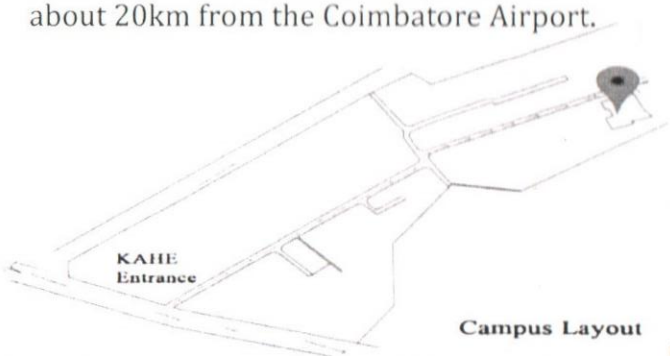
The main objective of this program is to impart knowledge on aspiring Engineers about the advanced survey techniques using total station, GPS etc.,

Topics to be Covered

1. Land Measurements
2. Centerline and column Marking
3. Location of Buildings
4. Contour Surveying
5. Land layout Formation

Location

The institution is located in a spacious serene campus situated on the Coimbatore to Pollachi Highway and it is nearly 12km from the Coimbatore Railway station and about 20km from the Coimbatore Airport.



Campus Layout

Organizing Committee

Chief Patron
Dr. S. Sudalaimuthu / *Vice Chancellor*

Patron
Dr. M. Palaniswamy / *Registrar*

Chair
Dr. G.K.D. Prasanna Venkatesan
Dean, Faculty of Engineering

Convener
Dr. N. Balasundaram
Head of Civil Engineering Dept.

Coordinators
Dr. M. Natarajan / *Professor*
Mr. V. Johnpaul / *Assistant Professor*

Committee Members
Dr. Pa. Ganeshwaran
Dr. G.R. Vijayshankar
Mrs. M. Vidhya
Ms. S.M. Leela Bharathi
Ms. R. Sindhu
Mr. M. Sumesh
Ms. P. Preethi

Communication Details
Mr. V. JOHNPAUL
Assistant Professor
Department of Civil Engineering
Karpagam Academy of Higher Education
Pollachi Main Road,
Coimbatore -21
Contact No. : 9952506549

KARPAGAM ACADEMY OF HIGHER EDUCATION
(Deemed to be University Established Under Section 3 of UGC Act 1956)
Coimbatore – 641 021. Tamil Nadu, INDIA.
Phone: +91-422-2980011, 2980012, 2980013, 2980014

Department of Civil Engineering

Cordially invites you for the

One Day National Level Hands on training Programme

On

"DIGITAL LAND SURVEYING TECHNIQUES USING TOTAL STATION"

Dr. S. SUDALAIMUTHU
Vice Chancellor
Karpagam Academy of Higher Education
Presides

Resource Person

Dr. J. SANKAR
Consulting Engineer
SURRYA BUILDERS

Organizing Secretaries
Dr.N.Balasundaram / Professor
Dr.M.Natarajan / Professor
Mr. V. Johnpaul / Assistant Professor
Department of Civil Engineering
KAHE

Date & Venue:
30th January 2020 & MBA Seminar Hall

AGENDA

Invocation	: Tamil Thai Vazhthu
Welcome Address	:Dr. M. Natarajan Professor Dept. of Civil Engineering / Civil
Presidential Address	:Dr. S. Sudalaimuthu Vice Chancellor, KAHE
Felicitation	:Dr. M. Palaniswamy Registrar, KAHE Dr. G. K. D Prasanna Venkatesan Dean – FoE, KAHE
Course Introduction	:Dr. J. Sankar Consulting Engineer SURRYA BUILDERS
Session 1	:Hands on Training - Total Station
Session 2	:Hands on Training - GPS
Vote of Thanks	:Mr. V. Johnpaul Assistant Professor Department of Civil Engineering KAHE

NATIONAL ANTHEM

DEPARTMENT OF CIVIL ENGINEERING

HANDS ON TRAINING PROGRAMME REPORT

DIGITAL LAND SURVEYING TECHNIQUES USING TOTAL STATION

Date: 31.01.2020

Topic: Digital Land Surveying Techniques Using Total Station

Expert Name: Dr. J. Sankar, Consulting Engineer, SURRYA Builders, Salem.

Date: 30.01.2020 (FN & AN)

Venue: MBA Hall and Open Auditorium

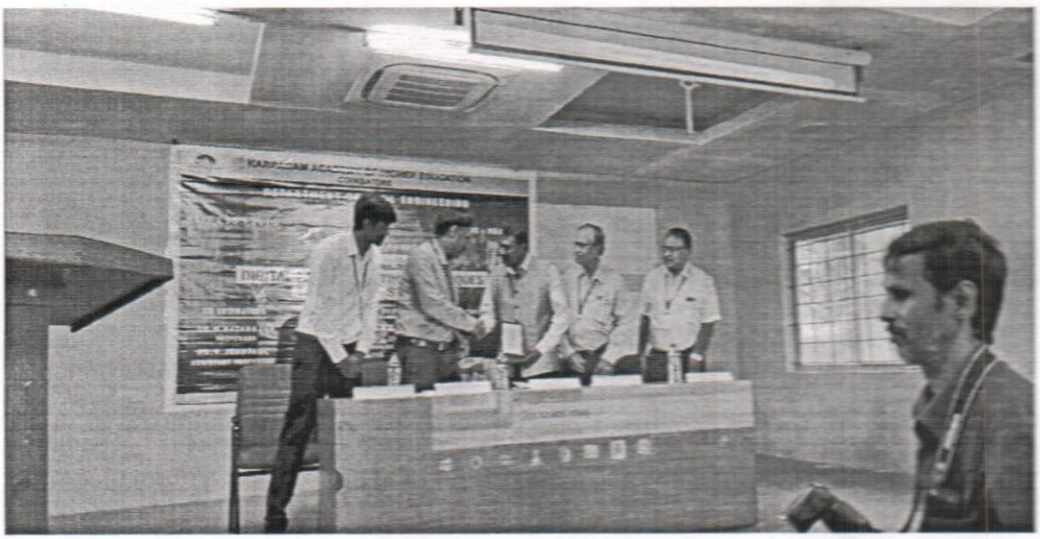
SUMMARY:

Need for the Topic

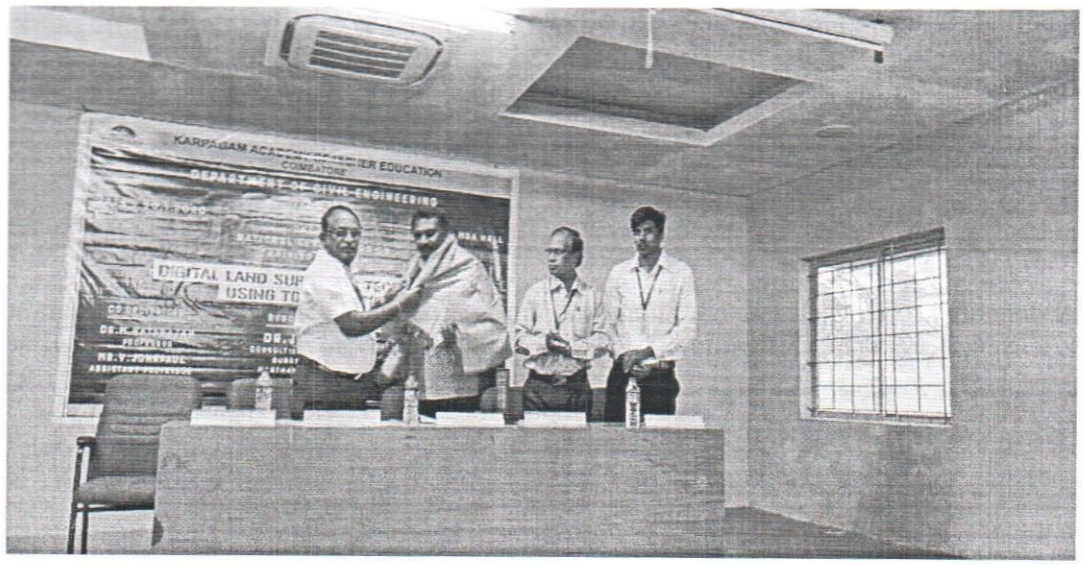
In modern Surveying, total station instrument is widely used for many applications like highway and railway alignment, tunneling and also for accurate measurements of areas rapidly with greater accuracy.

Key Points Discussed:

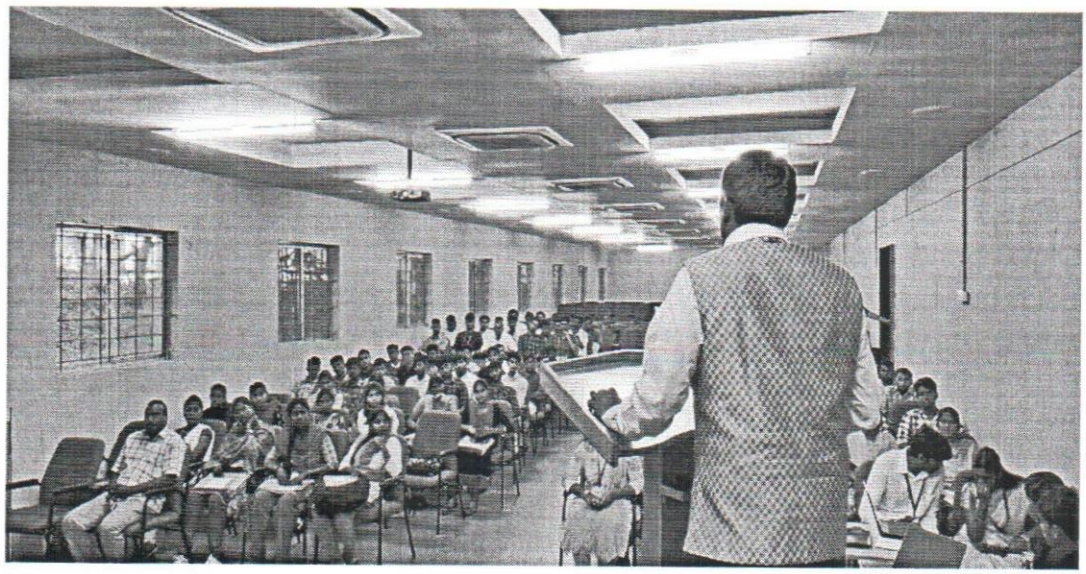
- Introduction to Surveying
- Applications of Total Station
- Advantages of total station over other instruments
- Number Code of Civil Engineers
- Getting the details from FMB(Field Measurement Book)
- Getting the required details in CAD drawing by importing the points from total station
- Handling of total station instrument
- Various parts of Total Station
- Setting out and temporary adjustments of Total Station
- Recording readings of various points in field and maintaining manual record of points.



Honoring of Resource person with memento

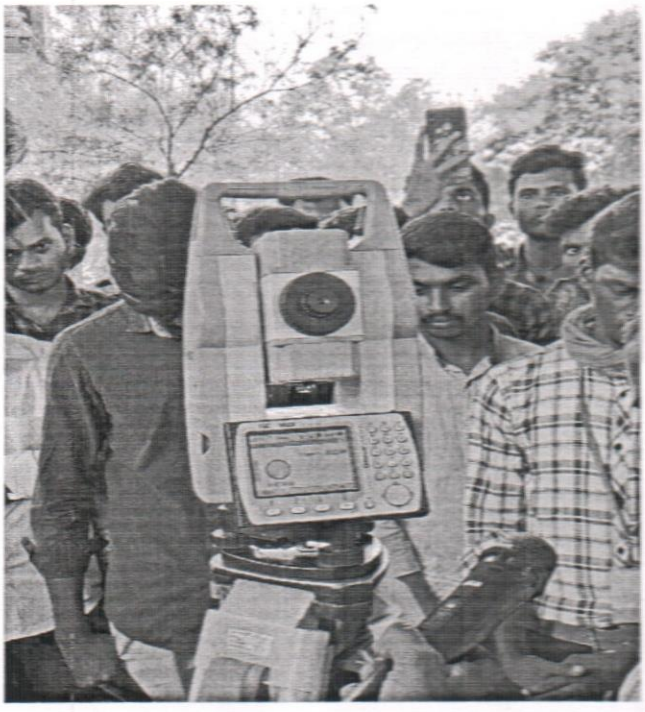


Honoring the Resource person with shawl



Speech by Resource Person

All participants assembled in Field to gather Practical knowledge



Temporary Adjustment of Total Station

Explanations given by resource person and his team

Session Outcome:

At the end of the session the following techniques were gained

1. A detailed knowledge of total Station instrument.
2. Handling, setting and temporary adjustments of the instrument.
3. By operating the instruments we learnt techniques of creating job id, focusing the target, recording and storing the readings, transferring the data to system and preparation of sketch using the software in system.
4. Getting the details of the points recorded through total station.