



Pennalur, Sriperumbudur (Tk) 602117
DEPARTMENT OF CIVIL ENGINEERING

PROUDLY PRESENTS

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME

on

LAND SURVEYING USING TOTAL STATION



Resource Persons: Well experienced trainers from Ladder Survey Institute of Technology

Venue: Survey Lab, Department of Civil Engineering

Date: 08th March 2021 to 12th March 2021

Coordinator

Mr. Kalaivannan R
AP/Civil Engg

Convener & Organizing Secretary

Dr. R. Kumutha
Professor & HOD



FACULTY DEVELOPMENT PROGRAMME SCHEDULE

DATE	TOPICS TO BE COVERED
08-03-2021	<p>Introduction: Basics of surveying -History of surveying and fundamentals of surveying-Knowledge on coordinates -Area calculation</p> <p>Introduction about total station Instrument: About the total station Instrument-operations-applications-advantages-disadvantages-Types of survey.</p> <p>Setting up of the instrument: Fixing the station point-setting the instrument-checking the plate level-tilt-northing -observation.</p>
09-03-2021	<p>Project 1:Surveying the site without any instrument Project 2:Surveying the site with the Total station instrument</p> <p>Explanation about boundary survey -Layout survey -Road survey - Topographical survey(Each batch will be assigned with a project within the campus)</p>
10-03-2021	<p>Explanation about boundary survey -Layout survey -Road survey - Topographical survey (Each batch will be assigned with a project within the campus) ..(contd)</p>
11-03-2021	<p>Levels: Bench mark setting ,spot levels ,Contour survey (Real Time) Marking /Setting out/Stake out -(Layout marking,Pile marking,Column marking)</p>
12-03-2021	<p>Drawing : Downloading all surveyed data to the computer and drawing a plan in AUTOCADD & finding area for the same</p> <p>VIVA VOCE - Examination for One and half hour will be conducted</p> <p>Q&A session</p>



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING


11.12.2020

Submitted to the Principal

Sub: Faculty Development Program on Land Survey using Total Station- reg

In our Survey Lab we have 3 Total Station equipments and students are supposed to get hands on training using total station during their Survey Camp. As our faculty members requested for hands on training on the usage of Total station, it is proposed to give a 5 days training for 8 members (faculty and staff) by inviting trainers from Ladder Survey Institute of Technology. The training cost is Rs.12000/-(Rupees Twelve Thousand only). Kindly grant us permission for the same.

The details of the program are attached herewith for your reference.


11/12/2020
HoD/Civil

To: HoD-CVE
Permitted
26
16/12

file

TRAINER PROFILE (Mr. DHINESH. M.R)

Name Dinesh M.R. – Chief Executive Officer and Director

Did his schooling at Chennai convent, completed his Bachelors in engineering at Anna University 1996 - 2000 batch, did his Masters in Business Administration at Annamalai University, Took up a Job in Dairy Farm International an Hong Kong based MNC as an HR,

He was in different Multi National Companies and corporate companies in a senior level and now he is completely focusing himself as a CEO in Ladder Survey Institute of Technology. Basically the mixed economy mind setter Mr. Dinesh M R is very keen on "Quality of study"

As an Engineer he hates to draw the construction on the paper, here in Ladder Survey Institute of Technology is highly focusing on the practical training. His intention of the institution in getting employment with decent salary and making the Students comfort before they start this carrier.

In the year 2006 started Ladder Survey Institute Of Technology - training, Development, industry specific. The moto is to service the society through Students community.

Successfully completed training for thousands of students across the world, Conducts training in India, Srilanka, Dubai, Singapore, Pinang, Andaman and Nicobar and still counting...

Conducting Campus training in colleges and industries in TamilNadu and Andhrapradesh.

Signed up MOU with 80 colleges and still counting...

The main strength is growth by Goodwill and not by marketing.

Iconic projects;

- TamilNadu Secretariat Old and New
- NHAI
- L&T
- Anna Library
- Egmore Museum
- Chennai Metro from Koyembedu till Alandur
- Parthasarathy Temple
- Sri Puram Golden Temple
- Chennai Airport
- Tirupathi Airport
- Tirumala Tirupathi Devestanams
- Amaravathi
- Apollo hospitals
- Solar Project at Medak
- Renigunta Air port, And many more still counting

Awards;

- All India Youth Federation - Best Businessman - Chennai Dist.
- Dr.MGR Award for best service to the society,
- The Man Of Commitment by HDFC,
- Still counting...

The main strength is **"Growth by Goodwill and not by marketing"**.



SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur (Tk) 602117
(An Autonomous Institution)



FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON LAND
SURVEYING USING TOTAL STATION
(08-03-2021 to 12-03-2021)

LIST OF PARTICIPANTS

SL.NO	NAME	SIGNATURE
1.	KALAIVANNAN .R	Kalai R
2.	HARISWARAN .S	H. S
3.	SATHYAPRIYA -K	Sathyapriya K
4	MATHIYAZHAGAN .R	M. R
5	ARUN G .	A. G
6	DIRAVIA BALAN .S	D. S
7.	RAJESH . R	R. R
8	Vijay Vignesh	Vijay Vignesh

[Handwritten Signature]
22/02/2021

HOD/CIVIL ENGG



SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur (Tk) 602117

(An Autonomous Institution)



FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON LAND SURVEYING USING TOTAL STATION

ATTENDANCE SHEET

SL.No	NAME	08/03	08/03	09/03	09/03	10/03	10/03	11/03	11/03	12/03	12/03
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	Mr.Arun G AP/CE										
2.	Mr.Mathiyazhagan R AP/CE							-	-		
3.	Ms.SathyaPriya K AP/CE										
4.	Mr.Diravia Balan S AP/CE	-	-								
5.	Mr.Kalaivannan R AP/CE										
6.	Mr.Hariswaran S AP/CE										
7.	Mr.VijayVignesh A AP/CE										
8.	Ms.Bhuvaneshwari S Lab Instructor										
9.	Mr.Rajesh R Lab Instructor										

COORDINATOR

HOD/CIVIL ENGG

INTRODUCTION:

Department of Civil Engineering,SVCE , had organised five days FDP on A Report Of Five Days FDP On Land Surveying Using Total Station during 08th March – 12th March 2021 . Main objective of the FDP is to train the faculty members on basics of Total Station and its application in land surveying.

BRIEF REPORT OF THE FDP:

Day 1 – 08th March 2020:

- The program started at 9.45 am with a Welcome address given by Dr.R.Kumutha ,Professor & Head ,Department of Civil Engineering ,SVCE.



Trainer Mr.Dhinesh, Ladder Survey Institute of Technology, Chennai. had given the presentation on introduction to surveying and basics of Total station surveying.

In the afternoon session, trainers explained about fixing the station point-setting the instrument-checking the plate level-tilt-northing –observation using total station.



Day 4 – 11th March 2020:

On 4th day basics of Levels: Bench mark setting ,spot levels ,Contour survey (Real Time) Marking /Setting out/Stake out -(Layout marking,Pile marking,Column marking) were explained.

Finding Level of a given point and benchmark shifting were explained using total station .The same were practised by Participants.

Day 5 – 08th March 2020:

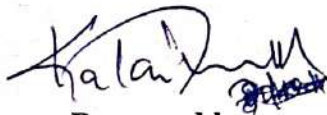
On 5th day participants were explained and hands on training were given on downloading all surveyed data from Total station to the computer

Using the downloaded data, the plan were drawn in AUTOCADD & area of the same were calculated.

In the afternoon session viva voce were conducted for all the participants .

CONCLUSION:

The Five Days FDP On Land Surveying Using Total Station was extremely useful in learning the basics of total station and its application in Land surveying.



Prepared by
Mr.Kalaivannan R ,
AP/CE,SVCE




Approved by
Dr.R.Kumutha ,
Prof & Head/CE,SVCE



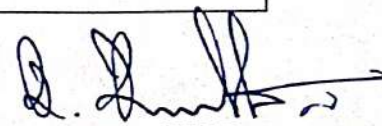
SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK FROM THE RESOURCE PERSON - FDP

DEPARTMENT : CIVIL ENGG

Name of the Speaker	: MR. Dhinesh. M R
Designation	: Director of LSIT.
Institution/University/Organisation :	
Mobile / E-mail	: info.lsittp@gmail.com.
Programme Details	: FDP on - Land Surveying Using Total Station.
Date	: 08-03-2021 to 12-03-2021
Time	:
Venue	:
Comments by the Resource Person	: Firstly I would like to thank you for the hospitality. Secondly the participants, being so busy in their daily duty. I appreciated their intent in spending time for this training.
Suggestions for improvement	:
Signature of the Resource Person:	


Signature of Coordinator


Signature of HOD



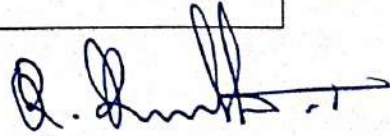
SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK FROM THE RESOURCE PERSON - FDP

DEPARTMENT : CIVIL

Name of the Speaker	:	SREE RAM J
Designation	:	SURVEYOR
Institution/University/Organisation	:	LADDER SURVEY INSTITUTE OF TECHNOLOGY
Mobile / E-mail	:	9440307247 / janisree147@gmail.com
Programme Details	:	
Date	:	12-3-21
Time	:	3.24 pm
Venue	:	
Comments by the Resource Person	:	—
Suggestions for improvement	:	—
Signature of the Resource Person:		J. Sree Ram J


Signature of Coordinator


Signature of HOD



FT/GN/29A/04/30.06.2016

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	G. Anun.
Designation & Department	AP & IVE
Industry / Institution Visited	—
Duration of Training / Course with date	08/03/2021 to 12/03/2021
Details of the Training / Course	Five days FDP on Land Surveying using total Station.
Plants visited during training	—
Whether the training/Course was useful? In what way? Give reasons.	Yes. Basics of Total Station was clearly explained.
Any other suggestions	Training based on large scale projects can be given. Signature of Faculty
Effectiveness review by HoD	Mr. G. Anun has perceived knowledge on setting up of TS, marking of coordinates and determining area using AUTOCAD. Signature of HoD

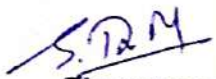
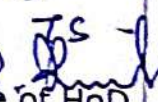
The person who has attended the course should prepare this in triplicate and submit copies to: A1, A3 and Dept.



FT/GN/29A/04/30.06.2016

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	S. Divavia Balan
Designation & Department	Assistant Professor & Civil Engineering
Industry / Institution Visited	-
Duration of Training / Course with date	5 Days - 08-03-21 to 12-03-21
Details of the Training / Course	5 Days FDP on Land Surveying Using Total Station
Plants visited during training	-
Whether the training/Course was useful? In what way? Give reasons.	Yes, the hands on training with Total Station was very much useful and explained the concepts with applications.
Any other suggestions	Nil <div style="text-align: right;"> Signature</div>
Effectiveness review by HoD	He was aware of Centring, levelling of TS equipment through this training. He has also learnt about fixing of Coordinates and distance & area measurements using TS <div style="text-align: right;"> Signature of HoD</div>

The person who has attended the course should prepare this in triplicate and submit copies to: A1, A3 and Dept.



FT/GN/29A/04/30.06.2016

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	K. Sathya Priya
Designation & Department	Assistant Professor & Civil Engg
Industry / Institution Visited	-
Duration of Training / Course with date	1 week
Details of the Training / Course	5 days FDP on Land Surveying using Total station
Plants visited during training	-NA-
Whether the training/Course was useful? In what way? Give reasons.	Yes. Basics of total station was learnt. [Setting up instrument, levelling, fixing boundary].
Any other suggestions	- Nil -
Effectiveness review by HoD	She has learnt about the operational features of TS. She has also got idea on fixing bench marks, measurement of coordinates & plotting using AutoCAD.


Signature


Signature of HoD

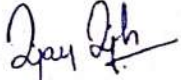
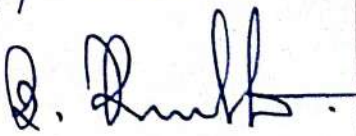
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FT/GN/29A/04/30.06.2016

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FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	A. VIJAY VIGNESH
Designation & Department	ASSISTANT PROFESSOR & CIVIL DEPARTMENT
Industry / Institution Visited	—
Duration of Training / Course with date	5 DAYS – 08-03-2021 to 12-03-2021
Details of the Training / Course	5 Days · FDP on Land Surveying using Total Station
Plants visited during training	—
Whether the training/Course was useful? In what way? Give reasons.	Yes. With this Hands on training of Total Station, I have learned to setup an instrument, measuring coordinates, angles of various points.
Any other suggestions	NIL
	 Signature
Effectiveness review by HoD	He has learnt about operations of Total station equipment and its application.  Signature of HoD

The person who has attended the course should prepare this in triplicate and submit copies to: A1, A3 and Dept.



FT/GN/29A/04/30.06.2016

SRI VENKATESWARA COLLEGE OF ENGINEERING
✓
FEEDBACK – CONFERENCE / SEMINAR / WORKSHOP / FDP

Name of the Faculty/Staff	Bhuvaneshwari. S
Designation & Department	lab instructor / Civil Engg
Industry / Institution Visited	SVCE
Duration of Training / Course with date	Five days / 08/03/2021 – 12/03/2021
Details of the Training / Course	Land Surveying Using Total Station
Plants visited during training	- NA -
Whether the training/Course was useful? In what way? Give reasons.	Yes, It is Useful for me to handle Survey ^{lab} Class.
Any other suggestions	- NO - S. B. ^{hi} 31/3/21 Signature
Effectiveness review by HoD	She learnt the operation procedure of Total Station and she felt that the program was useful. Signature of HoD 31/03/2021

The person who has attended the course should prepare this in triplicate and submit copies to: A1, A3 and Dept.



LADDER SURVEY INSTITUTE OF TECHNOLOGY
ISO 9001:2015 CERTIFIED INSTITUTE

No : 125, 1st Floor, Vasantha Street, G.G.Nagar, Nergundram, Chennai - 600107.

Ph: 1800 123 8513.

www.landsurveytraining.com

Reg No : 343/2005

Presents this

CERTIFICATE OF TRAINING
MATHIYAZHAGAN R

For having successfully completed 5 days training program in

ADVANCED TOTAL STATION

at Sri Venkateswara College of Engineering

Pennalur Village, Chennai-Bengaluru High Road, Sriperumbudur

Course conducted by Ladder Survey Institute of Technology "LSIT"

The courses offered are very comprehensive and of high quality.

The participants are trained by well experienced instructors in the latest technology.

Expertized in.....

Parts of Total Station
Instrument Setup
Spot Level
Distance Measuring
Angle Measuring
Field Procedures
Using Co-ordinates
All AutoCAD & FMB works

Surveys & Markings.....

Topographical Surveys
Boundary Surveys
Leveling Surveys
Building Interior Surveys
Building Markings & Checking
Total Station Downloading &
uploading



No : LSIT/SVCE/2021/CGL/CHE/12308

Place : Sri Venkateswara College of
Engineering

Date : 12/03/2021

Training Director





LADDER SURVEY INSTITUTE OF TECHNOLOGY
ISO 9001:2015 CERTIFIED INSTITUTE

No : 125, 1st Floor, Vasantha Street, G.G.Nagar, Nergundram, Chennai - 600107.

Ph: 1800 123 8513.

www.landsurveytraining.com

Reg No : 343/2005

Presents this

CERTIFICATE OF TRAINING
HARISWARAN S

For having successfully completed 5 days training program in

ADVANCED TOTAL STATION

at Sri Venkateswara College of Engineering

Pennalur Village, Chennai-Bengaluru High Road, Sriperumbudur

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Field Procedures
Using Co-ordinates
All AutoCAD & FMB works

Surveys & Markings.....

Topographical Surveys
Boundary Surveys
Leveling Surveys
Building Interior Surveys
Building Markings & Checking
Total Station Downloading & uploading



No : LSIT/SVCE/2021/CGL/CHE/12301

Place : Sri Venkateswara College of
Engineering

Date : 12/03/2021

Training Director



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING


12.03.2021

Submitted to the Principal

Sub: FDP on Land Survey using Total Station – Training cost -reg

We had conducted 5 days FDP on Land Survey using Total Station with hands on training for our Department Faculty and staff members during 8th to 12th March 2021 by inviting trainers from Ladder Survey Institute of Technology, Chennai for which we have already got permission. As the training program was completed , we request you to kindly sanction an amount of **Rs.12000/- (Rupees Twelve Thousand only)** towards the training cost and the same may be transferred to the bank account given below:

Name of the Account holder	M.R.DINESH
Bank Name	DIGIBANK by DBS
Account Number	881031420907
IFSC Code	DBSS0IN0811


HoD/Civil 12/03/2021

Enclosure:

1. Permission Letter