

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.

DEPARTMENT OF CIVIL ENGINEERING



A REPORT ON “5 day Faculty Development Program on Digital Surveying using Total Station”

03rd to 07th September 2018



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Date: 21-08-2018

Place: AIET, Moodbidri.

APPROVAL LETTER

To,

The Principal/IQAC Chairman,
AIET, Moodbidri

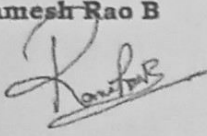

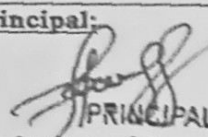
Respected Sir,

**Sub: - Approval for Organizing 5 day Faculty Development Program on
Digital Surveying using Total Station-Reg.**

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a 5 day Faculty Development Program on Digital Surveying using Total Station from "03rd to 07th September 2018".

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Convener: Prof. Ramesh Rao B 	Head of the Department: Prof. H Ajith Hebbar  H.O.D. Dept. of Civil Engineering Alva's Institute of Engg. & Technology Mijar, Moodbidri - 574 225
	Principal:  PRINCIPAL Alva's Institute of Engg. & Technology, Mijar, MOODBIDRI - 574 225, D.K



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

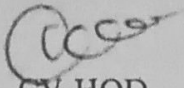
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Date: **28-08-2018**

CIRCULAR

All the faculty members are hereby informed to attend a meeting at HOD cabin at 3 pm regarding organizing a **5 day Faculty Development Program on Digital Surveying using Total Station from 03rd to 07th September 2018.**


CV-HOD
H.O.D.

Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

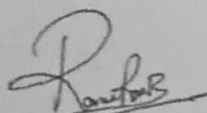
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

The following staff has attended **5 day Faculty Development Program** on
Digital Surveying using Total Station from 03rd to 07th September 2018.

Sl. No.	Staff Name	COLLEGE/ INDUSTRY
1.	Prof. H AjithHebbar	AIET
2.	Prof. Sandeepkumar D S	AIET
3.	Prof. Shreekanth	AIET
4.	Prof. Santhosh K	AIET
5.	Prof. Ramesh Rao B	AIET
6.	Prof. Adithya B Shenoy	AIET
7.	Prof. Swamy M	AIET
8.	Dr. H G Umeshchandra	AIET
9.	Prof. Arun Kumar G S	AIET
10.	Prof. Shankargiri K S	AIET
11.	Prof. Prof. Sanjay S	AIET
12.	Prof. Surendra P	AIET
13.	Prof. Swathi	AIET
14.	Prof. Akshatha S P	AIET
15.	Prof. Rashmi	AIET
16.	Prof. Sneha Palled	AIET
17.	Prof. Shwetha	AIET


Course coordinator


Principal
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobharana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Attendance of participants

Sl no	Participant name	organization	03/09	04/09	05/09	06/09	07/09
1	Prof. H AjithHebbbar	AIET	P	P	P	P	P
2	Prof. Sandeepkumar D S	AIET	P	P	P	P	P
3	Prof. Shreekanth	AIET	P	P	P	P	P
4	Prof. Santhosh K	AIET	P	P	P	P	P
5	Prof. Ramesh Rao B	AIET	P	P	P	P	P
6	Prof. Adithya B Shenoy	AIET	P	P	P	P	P
7	Prof. Swamy M	AIET	P	P	P	P	P
8	Dr. H G Umeshchandra	AIET	P	P	P	P	P
9	Prof. Arun Kumar G S	AIET	P	P	P	P	P
10	Prof. Shankargiri K S	AIET	P	P	P	P	P
11	Prof. Prof. Sanjay S	AIET	P	P	P	P	P
12	Prof. Surendra P	AIET	P	P	P	P	P
13	Prof. Swathi	AIET	P	P	P	P	P
14	Prof. Akshatha S P	AIET	P	P	P	P	P
15	Prof. Rashmi	AIET	P	P	P	P	P
16	Prof. Sneha Palled	AIET	P	P	P	P	P
17	Prof. Shweetha	AIET	P	P	P	P	P



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Date	Session time	Topic	Resource person
03/09/2018	9-10 AM	Inauguration	Mr. Vivek Alva and Principal
	10am -1pm	Digital land Surveying- Theory and Procedure	Experts team from L S International Bangalore
	2pm -5pm	Digital land Surveying- Field Work	Experts team from L S International Bangalore
04/09/2018	9 am- 1 pm	TOTAL STATION : Introduction & Demonstration of its parts	Experts team from L S International Bangalore
	2pm -5pm	Measurement : Basics, Principle, Reflector/reflector less with demonstration	Experts team from L S International Bangalore
05/09/2018	9am - 1pm	Measurement : Reflector/reflector less- Field Work	Experts team from L S International Bangalore
	2pm -5pm	Measurements of Distance, Height & Angle (Demonstration)	Experts team from Radiants Engineering Equipments, Bangalore
06/09/2018	9am - 1pm	Measurements of Distance, Height & Angle - Field Work	Experts team from Radiants Engineering Equipments, Bangalore
	2pm -5pm	Errors in total station measurements; Quality Analysis of total station measurements.	Experts team from Radiants Engineering Equipments, Bangalore
07/09/2018	9 am-1 pm	Download & Processing of Data	Experts team from Radiants Engineering Equipments, Bangalore
	2pm -4 pm	Valedictory function	Resource persons and HOD



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Report on

5 day Faculty Development Program on Digital Surveying using Total Station from 03rd to 07th September 2018

Invited Speakers:

1. Experts team from L S International, Bangalore
2. Experts team from Radiants Engineering Equipments, Bangalore

Since our society is marching towards digital world, there is/ will be a great demand of personnel capable of digital land surveying. So, Digital Surveying using Total Station is the trending topic in the current times.

In the talk Resource person introduced the word Photogrammetry & its applications in Modern Surveying. Then he spoke about the Aerial Photography, its history. He also spoke about Remote Sensing. Then, speaking about Aerial Photography, he briefed about its characteristics and advantages over ground based observations. He discussed about classification of Aerial Photographs based on its geometric properties. Digital Photogrammetry and Digital Cameras were also matter of discuss. Then he introduced Photo interpretation-how photos are viewed stereoscopically. He concluded the session by answering to the questions of delegates.

Resource person gave an introduction about Total Station & its components. He also spoke about functions of Total Station, Coordinate Measurement Point, Missing Line Measurement by Total Station.

In the practical demonstration session, the delegates were taken to the field and were given a practical demonstration about GPS instruments & total station. Various tasks like setting up of total station, selecting the job, station & orientation, surveying were been demonstrated practically.



ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

5 day Faculty Development Program on Digital Surveying using Total Station from 03rd to 07th September 2018

FEEDBACK FORM

Dear participant
thank you for your keen participation in this workshop. We value your comments and evaluations which will help in our efforts to be more responsive to the needs of the participants. Kindly fill the feedback form.

Description	Excellent	Good	Needs improvement	Poor
Covered useful material	✓			
Practical to my needs and interests		✓		
Well organized		✓		
Presented at right level		✓		
Effective activities		✓		
Speaker knowledge	✓			
Speaker presentations	✓			
Speaker responses for queries		✓		
Overall rate in the scale of 5	H			
Any suggestions or comments				