	<p align="center">VIMAL JYOTHI ENGINEERING COLLEGE JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERELA</p> <p align="center">Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE ISO 9001 : 2015 Certified Accredited by Institution of Engineers (India), NBA, NAAC Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in</p>	NAAC Cycle 2
		Criterion: 1.2.1

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**VIMAL JYOTHI ENGINEERING COLLEGE
&
DEPARTEMENT OF CIVIL ENGINEERING**

Report on value added course

“Workshop on Total Station”

for

S4 CE (2021-25 BATCH)



na
14/04/2023

PRINCIPAL
VIMAL JYOTHI ENGINEERING COLLEGE
CHEMPERI - 670632

[Signature]
22/04/23

Dr. Biju Mathew,
M.Tech, MBA, PGDEPMA Ph.D
HOD, Dept. of Civil Engineering
Vimal Jyothi Engineering College
Chempere-Kannur-Kerala-670632



**VIMAL JYOTHI ENGINEERING COLLEGE
CHEMPERI, KANNUR**

**Department of Civil Engineering
Organizes**

Workshop on
TOTAL STATION

for the 4th semester B.Tech.Civil Engineering students

From 15/02/2023 to 19/02/2023



Resource Personnel:

Sanjana P, Surveying Expert
Mudhassir M, GIS Consultant

Faculty Co-ordinators:

Logi N Boby
Rojin P
Resmitha Rani Antony

1. Introduction

Department of Civil engineering and conducted value added course on "**Workshop on Total Station**" from 15th February 2023 to 19th February 2023 (duration of 5 days). The organizers of the session were Mr. Logi N Bobby, Mr. Rojin P and Ms. Resmitha Rani Antony and the sessions were conducted by Ms. Sanjana P and Mr. Mudhassir P K subject experts from ALG international. A total of 53 students who belong to Civil engineering Department of 2nd year attended the course for all days.

The objective of the work shop is to prepare the students to real world problems based on Surveying. The detailed study and practices using Total station enable the students to measure both vertical and horizontal angles and the slope distance from the instrument to a particular point and an on-board computer to collect data and perform triangulation calculations.

2. Curriculum and lesson Plan

Curriculum

Module I

Introduction to total station- Parts of TS, Advantages of TS, Applications of TS

Module II

Setting the total Station in the field- Creating the Folder In Total Station- Initial step in TS Survey, GPS application in TS survey, Setting the Total Station, Shifting the Total Station, Total station setting and survey.

Module III

Downloading Data link software from Google- Working with TS Data, Drawing imported TS Data Canal Alignment, Overview on Data import, Drawings and Map Preparation Using TS data.

Connected PEOs/POs/Cos : PO1, PO2, PO4, PO5, PO9, PO12

Lesson Plan

Day	Plan
15/02/2023	<ul style="list-style-type: none">• Introduction to total station• Parts of TS• Advantages of TS• Applications of TS
16/02/2023	<ul style="list-style-type: none">• Setting the total Station in the field• Creating the Folder In Total Station- Initial step in TS Survey• GPS application in TS survey• Setting the Total Station• Shifting the Total Station• Total station setting and survey
17/02/2023	<ul style="list-style-type: none">• Downloading Data link software from Google• Working with TS Data• Drawing imported TS Data Canal Alignment• Overview on Data import• Drawings and Map Preparation Using TS data
18/02/2023 to 19/02/2023	<ul style="list-style-type: none">• Practical Sessions

3. Participant's list


Vimal Jyothi Engineering College
Total Station Workshop Attendance Sheet
S4 CE

SLNo	UTY.Reg.No.	Name	15/2/2023	16/2/2023	17/2/2023	18/2/2023	19/2/2023
1	VML21CE002	AADISH P P	P	P	P	P	P
2	VML21CE003	ABHINAND RAJEEV	P	P	P	P	P
3	VML21CE004	ABHIRAMI MURALEEDHARAN	P	P	P	P	P
4	VML21CE005	ABHUSHEK C	P	P	P	P	P
5	VML21CE006	ADRDA LAKSHMI	P	P	P	P	P
6	VML21CE007	AKSHAY K ASHOK	P	P	P	P	P
7	VML21CE008	ALEX SEBASTIAN	P	P	P	P	P
8	VML21CE009	ALLEN JOSEPH	P	P	P	P	P
9	VML21CE010	AMRUTHA K	P	P	P	P	P
10	VML21CE011	AMRUTHA SATHIANATH	P	P	P	P	P
11	VML21CE012	ANASWARA A	P	P	P	P	P
12	VML21CE013	ANMARIYA THOMAS	P	P	P	P	P
13	VML21CE014	ANUBIN T MANI	P	P	P	P	P
14	VML21CE015	ANUGRAH A	P	P	P	P	P
15	VML21CE016	ANUPAMA MANOLI	P	P	P	P	P
16	VML21CE017	ARJUN C	P	P	P	P	P
17	VML21CE018	ARMAGE DON	P	P	P	P	P
18	VML21CE019	ASHWIN GOPINATH	P	P	P	P	P
19	VML21CE020	ASHWIN V	P	P	P	P	P
20	VML21CE021	ASWANTH V	P	P	P	P	P
21	VML21CE022	ATHUL SURESH P P	P	P	P	P	P
22	VML21CE023	DANI P JOJI	P	P	P	P	P
23	VML21CE024	DEVNA S BBU	P	P	P	P	P
24	VML21CE025	EMIL SHAJAN	P	P	P	P	P
25	VML21CE026	FATHIMA NAJA SHAN P	P	P	P	P	P
26	VML21CE027	FAZEL BIN THAHER K P	P	P	P	P	P
27	VML21CE028	FEBIN TOM THOMAS	P	P	P	P	P
28	VML21CE029	GAUTAM S SREEDHAR	P	P	P	P	P
29	VML21CE030	GOPKA K M	P	P	P	P	P
30	VML21CE031	GOPKA N S	P	P	P	P	P
31	VML21CE032	HIBAH SHIREN M K P	P	P	P	P	P
32	VML21CE033	JOSEWIN JOSEPH	P	P	P	P	P
33	VML21CE034	LAKSHMIPRIYA ALAKAT	P	P	P	P	P
34	VML21CE035	MALAVIKA K S	P	P	P	P	P
35	VML21CE036	MIDHUL K	P	P	P	P	P
36	VML21CE037	NANDANA RAJAN	P	P	P	P	P
37	VML21CE038	NICYMOL M V	P	P	P	P	P
38	VML21CE039	NIVEDITHA P S	P	P	P	P	P
39	VML21CE040	PRANAV K	P	P	P	P	P
40	VML21CE041	RAHUL RATHNAN K M	P	P	P	P	P
41	VML21CE042	RAJNULHATH SIRAJ	P	P	P	P	P
42	VML21CE043	RHEA ANIL KUMAR	P	P	P	P	P
43	VML21CE044	SANDRA SHAJI	P	P	P	P	P
44	VML21CE047	SHIKHA S VIJAY	P	P	P	P	P
45	VML21CE048	SHIYAS MUHAMMED MP	P	P	P	P	P
46	VML21CE049	SINAV ABDUL GAFOOR	P	P	P	P	P
47	VML21CE050	SREBHARI T	P	P	P	P	P
48	VML21CE055	V R BHARADWAJ	P	P	P	P	P
49	VML21CE051	VAISHNAV M A	P	P	P	P	P
50	VML21CE052	VARSHA C	P	P	P	P	P
51	VML21CE053	VAYSHNAV M	P	P	P	P	P
52	VML21CE054	VIJITHA PV	P	P	P	P	P
53	LVML21CE056	DRISYA T V	P	P	P	P	P

4. Feedback from students

LEARNING OBJECTIVES

Did the sessions meet its stated aims?


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45 responses



- YES
- NO

Did the course meet all your aims?

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45 responses

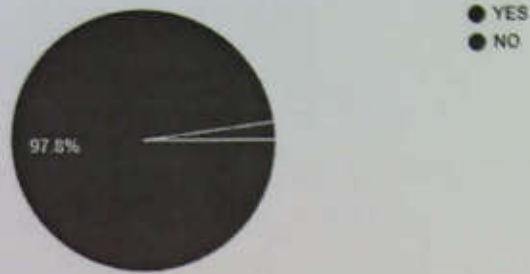


- YES
- NO

Can you use what you have learnt in your role?

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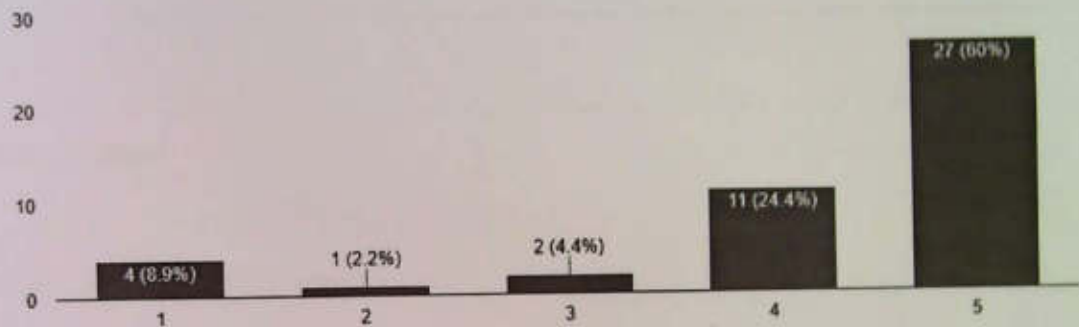
45 responses



Effectiveness of practical exercise

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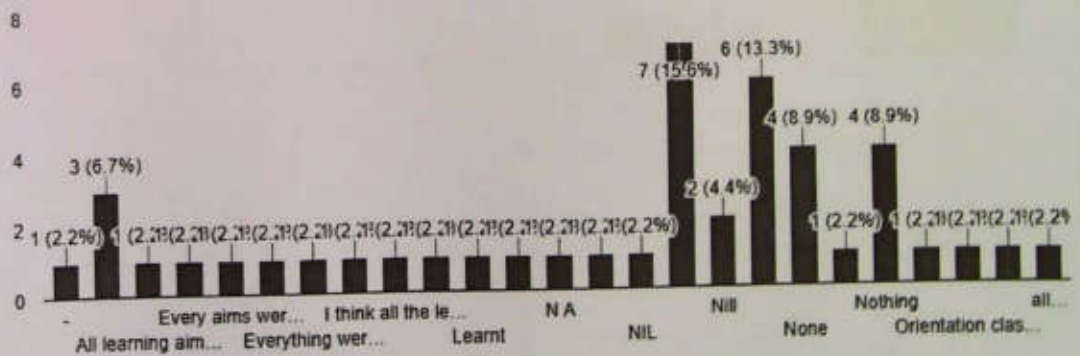
45 responses




If any of the learning aims were not met, explain in your own words why not

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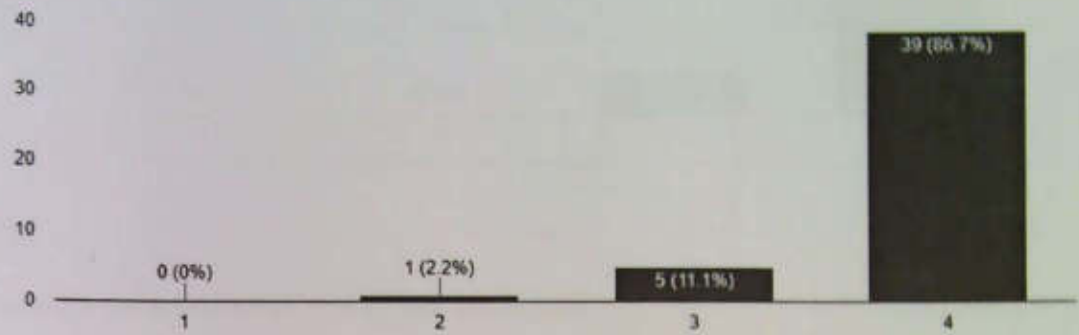
45 responses



How helpful was the training ?


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45 responses

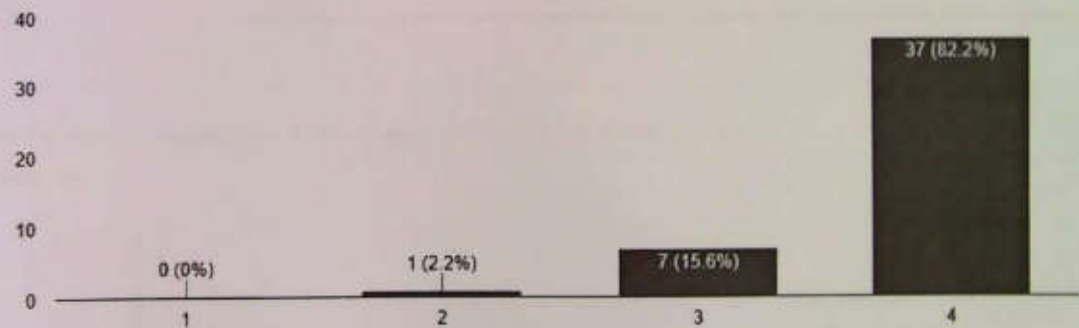


SESSION CONTENT

Facilitator's knowledge of the subject

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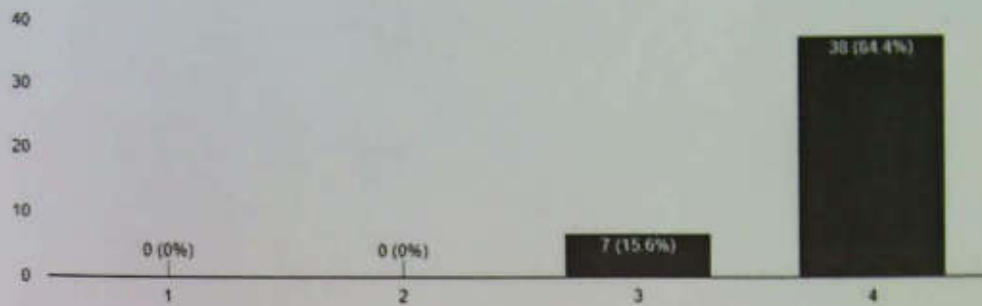
45 responses



Facilitator was helpful, informative and approachable

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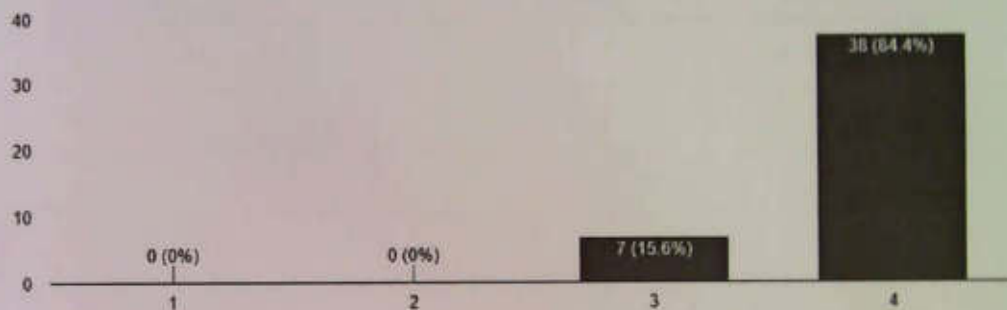
45 responses



Information presented logically/Explanations clearly given

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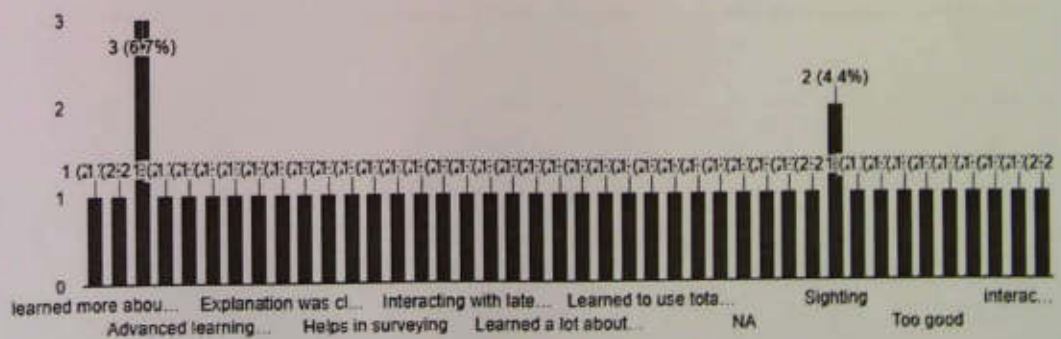
45 responses



Note the most useful aspect of the session and how it will affect your work?

Copy

45 responses



Any additional comments you wish to share?

22 responses

No

Null

NA

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All the best

Learned something new

Due to high Temperature the instrument vibrate some time ot should be changed

.

5. Sample Certificate



CERTIFICATE
Of Participation

This is to certify that Mr. ~~Mrs.~~ *Abdul Suresh P.P*
Has successfully participated in 5 days workshop entitled on the total station
from 2023 Feb.15 to Feb.19 conducted by ALG International Institute of Technology,
Kannur, Kerala.


Technical Head
ALG International




General Manager
ALG International

6. Snippets

