



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY



Korom, Chalakkode P.O., Payyannjur, Kannur-670307
Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur
Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

www.sngcet.ac.in

info@sngcet.ac.in

DEPARTMENT OF CIVIL ENGINEERING



CESA

(Civil Engineering Students Association)
Presents

"TRADITION MEETS INNOVATION"

WORKSHOP ON

TOTAL STATION



ALG INTERNATIONAL

25-29

**November
2023**

**Timing from
9am - 4pm**

**Institution code
SNC**

Staff coordinator :

Pooja K P
Revathi P

Student coordinator:

Faiha Rouf
P Souparnika



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON TOTAL STATION WORKSHOP

A Five day workshop conducted between 25/11/2023-29/11/2023 as part of curriculum of S3 Survey Lab (CEL 203).The workshop was handled by staffs from Allison Informatics (P) Ltd.

Workshop included detailed classes and lab session of total station instrument including area calculation, angular measurements, surveying, downloading etc.

18 students from S3 Civil Engineering were present. As part of the practical sessions, students were directed to survey area nearby the college by using total station. Outdoor and indoor areas of college were successfully surveyed by students by using total station which include garden area, road to canteen, nature club area , verandah etc



Inaugural Session of Workshop



Practical Session

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Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



DEPARTMENT OF CIVIL ENGINEERING NAME LIST OF STUDENTS

Sl No	University Register No	Student Name
1	SNC22CE002	DILSHA P
2	SNC22CE003	FAIHA ROUF
3	SNC22CE004	FATHIMATHUL FIDA P K
4	SNC22CE007	MUHAMMED SHAMMAS K
5	SNC22CE008	MUSHRABI M
6	SNC22CE009	NANDANA P NAIR
7	SNC22CE010	NANDHANA V V
8	SNC22CE011	P SOUPARNIKA
9	SNC22CE012	RANA MUSTHAFA N P
10	SNC22CE013	SWEJA P V
11	SNC22CE014	VISMAYA VINOD K
12	LSNC22CE015	ANAGH P
13	LSNC22CE016	ANJALI PV
14	LSNC22CE018	ANURAG K
15	LSNC22CE019	ARYA A
16	LSNC22CE020	JISHIL K
17	LSNC22CE021	MRUDHUL KRISHNA N
18	LSNC22CE022	SRAVAN P HEGDE
19	LSNC22CE023	VYSHNAV P K
20	LSNC22CE024	YADHU KRISHNA K

Dr. J. J. J. V.
SNC22CE012
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
CHALAKKODE

May H
HOD, CE



**SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY**

POST EVENT ANALYSIS FORM

Submitted by the department of: Civil Engineering

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Workshop.
2	Event name	Workshop on Modern Geomatics Technique.
3	Date and time of the event conducted	At Office - 27/11/2023, 29/11/2023 Online 29/11/2023, 30/11/2023, 01/12/2023
4	Venue	SANCT
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	Yes. Civil Engineering
6	Mode of conduct [online \ offline]	online & offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No.
8	Whether any professional body was associated with the event? If yes, name the body	Yes. Allison Informatics (P) Ltd.
9	Any funds received from the professional body? Indicate the amount	-
10	Participants / Target Audience	53 Students. Department of CE
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	Yes. EST 120, CET 205
12	Objectives of the event	To gain knowledge in modern geomatics technique.
13	Expected Outcomes	CO5, CE103
15	Connected PO / PSO	PO PSO-1
16	Justification for PO / PSO	-

	[may use separate sheet if necessary]	
17	Whether feedback forms from audience and resource person is collected?	Yes.
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes.
19	Attainment level of outcomes	Attained
20	Name of the resource person	Sijo M Senthosh
21	Designation of the resource person(s)	Trainer, All India Informatics (P) Club
22	Any other relevant information	-
23	Name of the event coordinator(s)	Dr. K. P. APCE Dr. S. P. APCE Fauze Rouf S3 CE P. S. S. S3 CE
24	Dated signature of the coordinator(s)	

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	✓
2	Schedule of the event	-
3	Registration form sample copy	-
4	All registration forms duly filled and signed	-
5	Profile of the resource person(s)	-
6	Feedback forms filled by participants and resource person	✓
7	Feedback analysis sheet	✓
8	CO attainment calculation sheet	-
9	Study Materials (if any)	✓
10	Letters or printouts of e-mail communication relevant to the event	✓
11	Documents related to professional body associated with the event	-

12	Photographs of the event	✓
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1	Comments about the conduct of the event	-
2	Comments about the resource person and impact of the event	-
3	Name	Ms. B. Marysua George
4	Dated Signature	

May 11

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

Dr. Leena A. V.
22/10/25

Dr. LEENA A. V.
PRINCIPAL
SRES NAGARJUNA COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTOUR
HYDRABAD





**SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY**

EVENT PROPOSAL FORM


Submitted by the department of:CIVIL ENGINEERING

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	Workshop.
2	Event name	Workshop on Modern Geomatic Techniques
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No.
4	Mode of conduct [online / offline]	Offline / Online
5	Date and time	Offline - 27/11/2023, 28/11/2023, Online - 29/11/2023, 30/11/23, 01/12/23
6	Venue	SANJNET
7	Whether any professional body is associated with the event? If yes, name the body	Yes. Allison Informatics (P) Ltd.
8	Participants / Target Audience	53 Students. Dept. of CE
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	Yes. EST 120, CET 205
10	Objectives of the event	To Acquire knowledge in Modern Geomatic Techniques
11	Expected Outcomes	CO5, CE203.
12	Connected PO / PSO	PO - Modern tool usage - PSO-1
13	Justification for PO / PSO [may use separate sheet if necessary]	-
14	Name of the resource person(s)	ALG International
15	Designation of the resource person (may attach	

	separate sheet to indicate the profile)	
16	Resource requirements	
17	Any fund from external source will be received? If yes, mention it.	-
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	-
19	Any other relevant information	-
20	Name of the event coordinator(s)	Pooja .k.P. , APCE , taihorang . SgCE Renuka P. APCE . P.sampurna ka . SgCE
21	Dated signature of the coordinator(s)	 24/11/23.  24/11/23

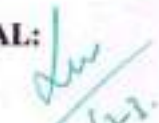
II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	Relevant
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended Not Recommended
3	Name	B. Mary Soma Goyl
4	Dated Signature	 24/11/2023

COMMENTS FROM PRINCIPAL


APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


24/11/23

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAVANUR,
KANNUR

EXERCISE NO – 11A

TOTAL STATION :STUDY OF INSTRUMENT

AIM:

Study of Total Station (SOKIA 50x)

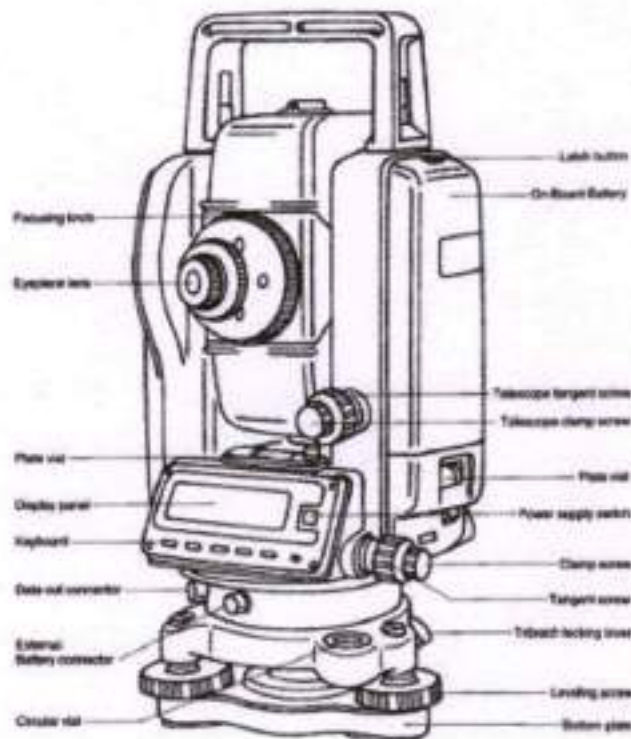
INSTRUMENTS USED:

Total station, Prism pole etc.

DESCRIPTION OF INSTRUMENTS:

Total Station:

Total station is a surveying equipment combination of Electromagnetic Distance Measuring Instrument and electronic theodolite. It is also integrated with microprocessor, electronic data collector and storage system. The instrument can be used to measure horizontal and vertical angles as well as sloping distance of object to the instrument.



Microprocessor unit in total station processes the data collected to compute:

- Average of multiple angles measured.
- Average of multiple distance measured.
- Horizontal distance.

Uses of Total Station

The total station instrument is mounted on a tripod and is levelled by operating levelling screws. Within a small range instrument is capable of adjusting itself to the level position. Then vertical and horizontal reference directions are indexed using onboard keys. When target is sighted, horizontal and vertical angles as well as sloping distances are measured and by pressing appropriate keys they are recorded along with point number. Heights of instrument and targets can be keyed in after measuring them with tapes. Then processor computes various information about the point and displays on screen.

This information is also stored in the electronic notebook. At the end of the day or whenever electronic note book is full, the information stored is downloaded to computers.

The point data downloaded to the computer can be used for further processing. There are software like auto civil and auto plotter clubbed with AutoCad which can be used for plotting contours at any specified interval and for plotting cross-section along any specified line.

Advantages of Using Total Stations

The following are some of the **major advantages of using total station** over the conventional surveying instruments:

- Field work is carried out very fast.
- Accuracy of measurement is high.
- Manual errors involved in reading and recording are eliminated.
- Calculation of coordinates is very fast and accurate. Even corrections for temperature and pressure are automatically made.
- Computers can be employed for map making and plotting contour and cross-sections. Contour intervals and scales can be changed in no time.

However, surveyor should check the working condition of the instruments before using. For this standard points may be located near survey office and before taking out instrument for field work, its working is checked by observing those standard points from the specified instrument station.

RESULT:

Total station and its working were studied.

EXERCISE NO – 11B

TOTAL STATION : HEIGHTS AND DISTANCES

AIM:

Calculate the area using total station

INSTRUMENTS USED:

Total station, Prism pole etc.

PROCEDURE:

Centering and levelling

1. Setup the tripod and affix the instrument on the tripod head.
2. Press ON to power on.
3. Press TILT in the second page of MEAS mode to display the circular level on the screen.
4. Adjust the position of instrument on the tripod until the laser beam is aligned with the centre of the survey point.
5. Press ESC for return to the previous screen.

Surface area calculation by observing points:

1. In second page of MEAS mode, press MENU. Then select 'Area calculation' and select area calculation again in the area calculation screen.
2. Site the first point on the line enclosing the area and press MEAS.
3. Press OBS to begin observation, and the measured values are displayed.
4. Press OK to enter the values of first point as O1.
5. Repeat step 2 & 4 until all the points have been measured (Points on an enclosed area are observed in clockwise or anti clockwise direction).
6. After all known points are observed, calculate the surface area.
7. Press CALC to display the calculated area.

RESULT

Number of set points =

S Area (Surface) =

H Area (Horizontal) =

- Distance between any two points.
- Elevation of objects and
- All the three coordinates of the observed points.

Data collected and processed in a Total Station can be downloaded to computers for further processing. Total station is a compact instrument and weighs 50 to 55 N. A person can easily carry it to the field. Total stations with different accuracy, in angle measurement and different range of measurements are available in the market. Figure below shows one such instrument manufactured by SOKKIA Co. Ltd.

Important Operations of Total Station

- **Distance Measurement**

Electronic distance measuring (EDM) instrument is a major part of total station. Its range varies from 2.8 km to 4.2 km. The accuracy of measurement varies from 5 mm to 10 mm per km measurement. They are used with automatic target recognizer. The distance measured is always sloping distance from instrument to the object.

- **Angle Measurements**

The electronic theodolite part of total station is used for measuring vertical and horizontal angle. For measurement of horizontal angles any convenient direction may be taken as reference direction. For vertical angle measurement vertical upward (zenith) direction is taken as reference direction. The accuracy of angle measurement varies from 2 to 6 seconds.

- **Data Processing**

This instrument is provided with an inbuilt microprocessor. The microprocessor averages multiple observations. With the help of slope distance and vertical and horizontal angles measured, when height of axis of instrument and targets are supplied, the microprocessor computes the horizontal distance and X, Y, Z coordinates.

- **Display**

Electronic display unit is capable of displaying various values when respective keys are pressed. The system is capable of displaying horizontal distance, vertical distance, horizontal and vertical angles, difference in elevations of two observed points and all the three coordinates of the observed points.

- **Electronic Book**

Each point data can be stored in an electronic note book (like compact disc). The capacity of electronic note book varies from 2000 points to 4000 points data. Surveyor can unload the data stored in note book to computer and reuse the note book.

EXERCISE NO – 11C

TOTAL STATION : AREA COMPUTATION

AIM:

Calculate the area using total station

INSTRUMENTS USED:

Total station, Prism pole etc.

PROCEDURE:

Centering and levelling

1. Setup the tripod and affix the instrument on the tripod head.
2. Press ON to power on.
3. Press TILT in the second page of MEAS mode to display the circular level on the screen.
4. Adjust the position of instrument on the tripod until the laser beam is aligned with the centre of the survey point.
5. Press ESC for return to the previous screen.

Surface area calculation by observing points:

1. In second page of MEAS mode, press MENU. Then select 'Area calculation' and select area calculation again in the area calculation screen.
2. Site the first point on the line enclosing the area and press MEAS.
3. Press OBS to begin observation, and the measured values are displayed.
4. Press OK to enter the values of first point as O1.
5. Repeat step 2 & 4 until all the points have been measured (Points on an enclosed area are observed in clockwise or anti clockwise direction).
6. After all known points are observed, calculate the surface area.
7. Press CALC to display the calculated area.

RESULT

Number of set points =

S Area (Surface) =

H Area (Horizontal) =

EXERCISE NO 11D
TOTAL STATION: CONTOURING

AIM:

Calculate the area using total station

INSTRUMENTS USED:

Total station, Prism pole etc.

PROCEDURE:

Centering and levelling

1. Setup the tripod and affix the instrument on the tripod head.
2. Press ON to power on.
3. Press TILT in the second page of MEAS mode to display the circular level on the screen.
4. Adjust the position of instrument on the tripod until the laser beam is aligned with the centre of the survey point.
5. Press ESC for return to the previous screen.

Surface area calculation by observing points:

1. In second page of MEAS mode, press MENU. Then select 'Area calculation' and select area calculation again in the area calculation screen.
2. Site the first point on the line enclosing the area and press MEAS.
3. Press OBS to begin observation, and the measured values are displayed.
4. Press OK to enter the values of first point as O1.
5. Repeat step 2 & 4 until all the points have been measured (Points on an enclosed area are observed in clockwise or anti clockwise direction).
6. After all known points are observed, calculate the surface area.
7. Press CALC to display the calculated area.

RESULT

Number of set points =

S Area (Surface) =

H Area (Horizontal) =

EXERCISE NO 11E

TOTAL STATION: DOWNLOADING

AIM:

Calculate the area using total station

INSTRUMENTS USED:

Total station, Prism pole etc.

PROCEDURE:

Centering and levelling

1. Setup the tripod and affix the instrument on the tripod head.
2. Press ON to power on.
3. Press TILT in the second page of MEAS mode to display the circular level on the screen.
4. Adjust the position of instrument on the tripod until the laser beam is aligned with the centre of the survey point.
5. Press ESC for return to the previous screen.

Surface area calculation by observing points:

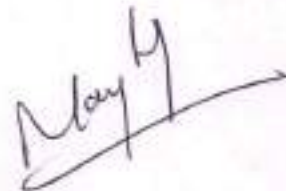
1. In second page of MEAS mode, press MENU. Then select 'Area calculation' and select area calculation again in the area calculation screen.
2. Site the first point on the line enclosing the area and press MEAS.
3. Press OBS to begin observation, and the measured values are displayed.
4. Press OK to enter the values of first point as O1.
5. Repeat step 2 & 4 until all the points have been measured (Points on an enclosed area are observed in clockwise or anti clockwise direction).
6. After all known points are observed, calculate the surface area.
7. Press CALC to display the calculated area.

RESULT

Number of set points =

S Area (Surface) =

H Area (Horizontal) =



Dr. LEEHA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PIRYALLUR
KANNUR



**SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY**



POST EVENT ANALYSIS FORM

Submitted by the department of: ...Civil... Engineering.....

I. TO BE FILLED BY THE EVENT COORDINATOR(S)


1	Event type conducted	Workshop.
2	Event name	Workshop on Modern Geomatics Technique.
3	Date and time of the event conducted	Offline - 27/11/2023, 29/11/2023, 24/11/23 Online - 24/11/2023, 26/11/2023
4	Venue	SALICEE
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	Yes. Civil Engineering
6	Mode of conduct [online \ offline]	online + offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No.
8	Whether any professional body was associated with the event? If yes, name the body	Yes. All India Informatics (P) Ltd.
9	Any funds received from the professional body? Indicate the amount	-
10	Participants / Target Audience	53 Students. Department CE
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	Yes. EST 120, CET 205
12	Objectives of the event	To Equip knowledge in modern Geomatics technique.
13	Expected Outcomes	CO5 CE103
15	Connected PO / PSO	PO PSO-1
16	Justification for PO / PSO	-

[Signature]

	[may use separate sheet if necessary]	
17	Whether feedback forms from audience and resource person is collected?	Yes.
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes.
19	Attainment level of outcomes	Attained
20	Name of the resource person	Sijo M Sankosh
21	Designation of the resource person(s)	Trainer, Attornk Informatics (P) Etc
22	Any other relevant information	-
23	Name of the event coordinator(s)	Dr. K. P. APCB Dr. P. APCB Fauha Prof S3 CE P. Sankosh S3 CE
24	Dated signature of the coordinator(s)	 

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	✓
2	Schedule of the event	-
3	Registration form sample copy	-
4	All registration forms duly filled and signed	-
5	Profile of the resource person(s)	-
6	Feedback forms filled by participants and resource person	✓
7	Feedback analysis sheet	✓
8	CO attainment calculation sheet	-
9	Study Materials (if any)	✓
10	Letters or printouts of e-mail communication relevant to the event	✓
11	Documents related to professional body associated with the event	

PAGE 2 OF 2

12	Photographs of the event	✓
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1	Comments about the conduct of the event	-
2	Comments about the resource person and impact of the event	-
3	Name	W. B. Marysoma George
4	Dated Signature	

May H

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

Dr. Leema A. V.
22/12/23

Dr. LEEMA A. V.
PRINCIPAL
SREE NARAYANA THIRU COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTANAJI
KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY


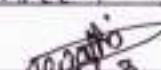
EVENT PROPOSAL FORM

Submitted by the department of:CIVIL ENGINEERING

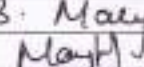
I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	Workshop.
2	Event name	Workshop on Modern Geomatic Techniques
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No.
4	Mode of conduct [online / offline]	Offline / Online
5	Date and time	Offline - 27/11/2023, 28/11/2023, 29/11/2023, Online - 25/11/2023, 26/11/2023
6	Venue	SNIGCET
7	Whether any professional body is associated with the event? If yes, name the body	Yes. Allison Informatics (P) Ltd.
8	Participants / Target Audience	53 Students. Dept of CE
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year if the subject is handled	Yes. EST 120, CET 205
10	Objectives of the event	To Acquire knowledge in Modern Geomatic Techniques
11	Expected Outcomes	CO5, CE203.
12	Connected PO / PSO	PO - Modern tool usage. PSO-1
13	Justification for PO / PSO [may use separate sheet if necessary]	-
14	Name of the resource person(s)	ALCA International
15	Designation of the resource person (may attach	

PAGE 1 OF 2

	separate sheet to indicate the profile)	
16	Resource requirements	
17	Any fund from external source will be received? If yes, mention it.	-
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	-
19	Any other relevant information	-
20	Name of the event coordinator(s)	Pragna .k.P / APCE , tasharouf. SsCE Renuthi P / APCE , P soupremi ka. SsCE
21	Dated signature of the coordinator(s)	 24/11/23,  24/11/23

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

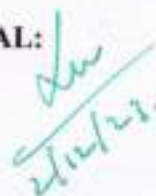
1	Comments on the relevance of the event	Relevant
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended Not Recommended
3	Name	B. Mary Souma Goyl
4	Dated Signature	 24/11/2023

COMMENTS FROM PRINCIPAL



APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


24/11/23

Dr. LEENA A. V.
PRINCIPAL
SREE NIPATANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PANYANUR
KANNUR



CERTIFICATE OF PARTICIPATION

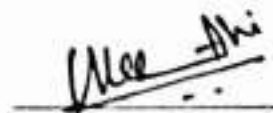
This is To Certify That Mr./Ms.

ANURAG K

Reg.No: LSNC22CE018 of S3 CE has successfully participated in a
workshop entitled on TOTAL STATION conducted by
Alisons Infomatics (P) Ltd on 25.Nov.2023 to 29.Nov.2023



Technical Head
ALISONS INFOMATICS (P) Ltd



Manager
ALISONS INFOMATICS (P) Ltd

Affiliated by
nasscom



**SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY**




CERTIFICATE OF PARTICIPATION

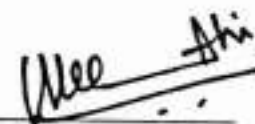
This is To Certify That Mr./Ms.

DILSHA P

Reg.No: SNC22CE002 of S3 CE has successfully participated in a
workshop entitled on TOTAL STATION conducted by
Alisons Infomatics (P) Ltd on 25.Nov.2023 to 29.Nov.2023



Technical Head
ALISONS INFOMATICS (P) Ltd



Manager
ALISONS INFOMATICS (P) Ltd

Affiliated by
nasscom



**SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY**



CERTIFICATE

OF PARTICIPATION

This is To Certify That Mr./Ms.

FATHIMATHUL FIDA PK

Reg.No: SNC22CE004 of S3 CE has successfully participated in a
workshop entitled on TOTAL STATION conducted by
Alisons Infomatics (P) Ltd on 25.Nov.2023 to 29.Nov.2023



Technical Head
ALISONS INFOMATICS (P) Ltd



Manager
ALISONS INFOMATICS (P) Ltd

Affiliated by
nasscom



SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY



CERTIFICATE

OF PARTICIPATION

This is To Certify That Mr./Ms.

MRUDHUL KRISHNA N

Reg.No: LSNC22CE021 of S3 CE has successfully participated in a
workshop entitled on TOTAL STATION conducted by
Alisons Infomatics (P) Ltd on 25.Nov.2023 to 29.Nov.2023

A handwritten signature in black ink, appearing to be 'S', is written over a horizontal line.

Technical Head
ALISONS INFOMATICS (P) Ltd



A handwritten signature in black ink, appearing to be 'Alec', is written over a horizontal line.

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NANDHANA VV

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SOUPARNIKA P

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ANAGH P

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A handwritten signature in black ink, appearing to be 'Nee Shi', written over a horizontal line.

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ANJALI PV

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ARYA A

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FAIHA ROUF

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A handwritten signature in black ink, appearing to be 'S.D.', written over a horizontal line.

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A handwritten signature in black ink, appearing to be 'A. Sree', written over a horizontal line.

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JISHIL K

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MUHAMMED SHAMMAS K

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NANDANA P NAIR

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RANA MUSTHAFA NP

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SRAVAN P HEGDE

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A handwritten signature in black ink, appearing to be 'A. Hegde', is written over a horizontal line.

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VISMAYA VINOD K

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YADHU KRISHNA K

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