



DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to JNTUK
An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007
Certified Institute NH-5, NAAC Accredited Institute
Anakapalle, Visakhapatnam-531002, Andhra Pradesh

Total Station Survey – Add On course

Course Instructor:

Mrs. K Manoharini,
Assistant Professor, CIVIL Department
Dadi Institute of Engineering & Technology

Duration:

2 weeks: (20-01-2020 to 01-02-2020)

Overview & Need of the Course:

Every one can become civil engineer but to become a good surveyor they need special skills and digital surveying techniques. Total station is one such instrument which has made survey much easier and user friendly. It works on the principle of electronic distance measurement techniques. Basic skills are essential for the surveyor for his good carrier. We have given all inputs required for self learning.

Objective of the Total Station survey:

Determine and evaluate precision of the reference network which can be served as a reference value for comparison with RTK and TLS

- Determine and evaluate accuracy and precision of GPS RTK and TLS methods
- Determine the cost (time expenditure) of the three methods
- Compare results of the methods based on RMS and standard deviation analysis
- Forward possible recommendations that can improve the precision and accuracy of the three measurement methods

Requirements

- ❖ Basic Knowledge on Leveling
- ❖ Basic Terminologies in surveying .

Course Contents

Chapter 1:

Introduction

Instrumentation

Accuracy of a Total Station:

Accuracy & Precision

Total station can be used

Chapter 2

Accessories for Total Station

Functions Performed By Total Stations

Chapter 3

Operation of Total Station

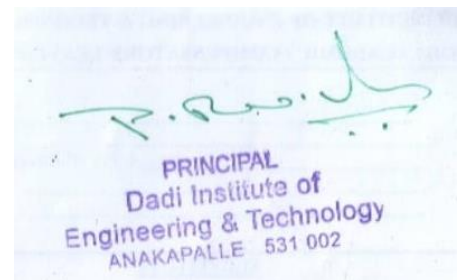
Remotely Operated Total Station (ROBOTIC)

Features Include:

Chapter 4

Applications of Total Station

Uses of Total Station



List of Participated students

EEE		
S.NO	HT NO	NAME
1	18U41A0101	BAVISETTI YASHWANTH
2	18U41A0102	BODDEDA SRAVANI
3	18U41A0104	GOWRI SAI
4	18U41A0105	KANDREGULA USHA
5	18U41A0106	KANTA BALA CHAITANYA
6	18U41A0107	KOMMU SAI KUMAR
7	18U41A0108	ANNAM SAI
8	18U41A0109	MAMIDI DURGA PRASAD
9	18U41A0110	PALAPARTHI SWATHI
10	18U41A0111	RAJANA SANTAKUMAR
11	18U41A0112	SAKRE SARAN BHOOPATHY
12	18U41A0113	CHINTA RAJESH
13	18U41A0114	VADIGONDA VENKATESH
14	18U41A0115	VELAGA NIVEDITHA
15	18U41A0116	NAKKA USHARANI
16	18U41A0117	PEETHALA SAILAKSHMI
17	18U41A0118	MALLA SAI KUMAR
18	18U41A0119	BANDARU CHEKRI SAI SWAROOP
19	19U45A0101	AEITA SATYA SAI PAVAN KARTHEEK
20	19U45A0102	AKKIREDDI VANI
21	19U45A0103	ALLA DEEPIKA
22	19U45A0104	ALLU PAVAN KUMAR
23	19U45A0105	APPIKONDA KOTESH KUMAR
24	19U45A0106	ASWATHUGARI MADHUSUDHAN
25	19U45A0107	BANTU NAVEEN
26	19U45A0108	BHEEMARAJU RAMESH
27	19U45A0109	BODDETI SRAVAN SAI DHEERAJ
28	19U45A0110	CHALLAPALLI MEGHANA
29	19U45A0111	CHINTAKAYALA MUSALA PATRUDU
30	19U45A0112	CHITIKALA SATEESH
31	19U45A0113	CHOKKAKULA LATHA
32	19U45A0114	DODDI GANESH
33	19U45A0115	GEDDA SANDYA
34	19U45A0116	GOLLOAVILLI SURYA VAMSI
35	19U45A0117	GUNDAPU YIRIMYA
36	19U45A0118	GURRAM NOOKARAJU
37	19U45A0119	JETTI PRABHAVATHI DEVI
38	19U45A0120	KADIYAM PRIYANKA
39	19U45A0121	KANDREGULA PAVANI
40	19U45A0122	KARRI LAXMAN KUMAR
41	19U45A0123	KARRI SAMPATH RAM
42	19U45A0124	KESAVARAPU SAMPATH VINAY BHAGAVAN
43	19U45A0125	KONA MANOJ KUMAR
44	19U45A0126	KOTTE INDIRA BALA SAI
45	19U45A0127	KOYYA SWAROOPA
46	19U45A0128	MADAKA SAI GANESH
47	19U45A0129	MALLA SAI GANESH
48	19U45A0130	MEDAPATI SATYA SIRISHA
49	19U45A0131	NADIPALLI RAVI KUMAR

50	19U45A0132	NIMMADALA SAI KUMAR
51	19U45A0133	PAKALAPATI DURGA PRASAD VARMA
52	19U45A0134	PEELA SATEESH
53	19U45A0135	POLAMARASETTI KALYAN SAI
54	19U45A0136	POLISETTI RAJ PAVAN
55	19U45A0137	PUTHI SAI
56	19U45A0138	RAJANA PAVANI
57	19U45A0139	SALAMSETTI HARISH
58	19U45A0140	SARAGADAM ASHLISH
59	19U45A0141	SHAIK NASEER AHAMAD
60	19U45A0142	SIMHADRI SAI KUMAR
61	19U45A0143	SIVALANKA SAI SIREESHA
62	19U45A0144	SORNAPUDI KAILASH KUMAR
63	19U45A0145	TATIKONDA HARIKRISHNAM NAIDU
64	19U45A0146	TELU KISHORE
65	19U45A0147	THADI CHANDRA GANESH
66	19U45A0148	VARRI RAMU
67	19U45A0149	DADI TARUN KUMAR
68	19U45A0150	A AMARNADH



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ANAKAPALLE - 531 002

Gallery



Certificate



Dadi Institute of Engineering & Technology

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NAAC Accredited Institute

Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

GOLLOAVILLI SURYA VAMSI

FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON
PHP TOTAL STATION SURVEY FROM 20/01/2020 TO 01/02/2020

K Manoharini
Coordinator

Prof. Dr. Ch. Narasimham
Principal

Sri Dadi Ratnakar
Chairman