



# EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NBA(AERO,CSE,ECE&MECH), NAAC with "A+" and Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303  
DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR 2022-23  
VALUE ADDED COURSES

### INDEX

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
Analysis and Design of Framed Structures Using Stadd Pro	Nil	01	40 Hours	156	156
Modern Equipment Surveying-Total Station	Nil	01	40 Hours	156	156



*C. G. S.*  
HOD

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
KOMARAPALAYAM 637303.



Komarapalayam

28/10/2022

**From**

C.ARUNDOSS & S.SASIKUMAR  
Assistant Professor  
Department of Civil Engineering  
Excel Engineering College  
Komarapalayam-637303

**TO**

The Head of the Department  
Department of Civil Engineering  
Excel Engineering College  
Komarapalayam-637303

**Respected sir,**

**Sub: Seeking Permission to Conduct Value Added Course on "Analysis and design of framed Structures "Using STADD Pro-Reg**

In our Department We have Planned to Conduct a Value Added Course on "Analysis and design of framed Structures "Using STADD Pro on 01/11/2022 to 05/11/2022 (9.30 am to 4.30 pm) at Cadd Lab,Civil Block for 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course. I request you to Kindly permit us to conduct above Program

Thanking You

Yours faithfully



28/10/22



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KOMARAPALAYAM – 637303

### CIRCULAR

AGRI /2022-23/28.10.2022

Dear Students,

**Sub: Conducting a Value Added Course (VAC) – Reg.,**

We have planned to conduct a Value Added Course on "Analysis and design of framed Structures" Using STADD Pro on 01/11/2022 to 05/11/2022 (9.30 am to 4.30 pm) at Cadd Lab, Civil Block. Hence, the 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course.



Course Coordinators



HoD/Civil

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
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Recognized by UGC ( 2f & 12B )

## Date

01/11/22 to 05/11/22

Tuesday to Saturday

## Time

9.30 am - 4.30 pm



## Department of Civil Engineering

Organises

## Value Added Course

On

## Structural Analysis using STAAD Pro



### Staff Coordinators

**Prof.C.Arundoss**

Assistant Professor / Civil

**Prof.S.Sasikumar**

Assistant Professor / Civil

**Venue : CAD Lab, Civil Engineering Department**

**Dr. S. Shanmugasundaram**  
Head of the Department

**Prof. S. M. Sakthivel**  
Activity Coordinator







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DEPARTMENT OF CIVIL ENGINEERING

# SYLLABUS (STAADD PRO)

### Day-1

Introduction to STRUCTURAL ENGINEERING

Introduction to STAAD.Pro.V8 Getting familiar with STAAD window

Model generation using STAAD editor

### Day-2

Introduction to Snap Node/Beam Editor

Model generation using Node/Beam Editor

Introduction to Translational Repeat

Model generation using Translational Repeat

### Day-3

Assigning Properties

Assigning Supporters

Assigning Loads

Structure Analysis

### Day-4

Simply Supported Beam

Analysis of Framed Structure

Applying Floor Loads

### Day-5

Wind Analysis

Seismic Analysis

Creating Load Combination

Dynamic Analysis

Response Spectrum Analysis



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## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

VALUE ADDED COURSE

**Course Name:** Stadd pro Software for "Analysis and design of framed Structures"

### Course Objectives:

To acquire the knowledge about components of Stadd Pro

To understand the procedure to use Stadd pro Software for Civil Engineering fields.

### Course Outcomes:

Understand the different components of Stadd Pro

Explain the procedure of Stadd pro Software for Civil Engineering fields.

**Course Coordinators**

**HoD/Civil**

HEAD OF THE DEPARTMENT  
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## DEPARTMENT OF CIVIL ENGINEERING

Value Added Course: Analysis and Design of Framed Structures Using Stadd Pro

### Students Enrolment List

S.No.	Roll No	Students Name	Signature
1	21CE001	Abdul Gaffar M	Abdul Gaffar M
2	21CE006	Abindra Prasad S	Abindra Prasad S
3	21CE007	Ajithkumar A	Ajithkumar A
4	21CE008	Akshay P U	Akshay P U
5	21CE009	Ashu Kumar	Ashu Kumar
6	21CE010	Ashokkumar R	Ashokkumar R
7	21CE011	Bhashkar Pandit	Bhashkar Pandit
8	21CE012	Bittu Kumar	Bittu Kumar
9	21CE013	Daya Kumar	Daya Kumar
10	21CE014	Deepak Kumar	Deepak Kumar
11	21CE019	Kaviyarasu G	Kaviyarasu G
12	21CE020	Khulakpam Jeinedin Jidan	Khulakpam Jeinedin Jidan
13	21CE021	Lakhendra Kumar	Lakhendra Kumar
14	21CE022	Lalan Kumar	Lalan Kumar
15	21CE023	Maheshprabhu S	Maheshprabhu S
16	21CE024	Md Muntazir	Md Muntazir
17	21CE025	Md Nafees Hawari	Md Nafees Hawari
18	21CE026	Mohammad Meeraj Alam	Mohammad Meeraj Alam
19	21CE027	Murali Prasath V	Murali Prasath V
20	21CE028	Muthamizhventhan V	Muthamizhventhan V
21	21CE029	Nagakeerthi M S	Nagakeerthi M S



22	21CE030	Nikesh Pandit S	<del>Nikesh</del> Niketa Kumari
23	21CE031	Nikita Kumari	<del>Pannalal Kumar</del>
24	21CE032	Pannalal Kumar	
25	21CE033	Prashant Kumar	
26	21CE034	Prashant Ray	Prashant Ray.
27	21CE035	Prince Raj	Princeraj
28	21CE036	Priyatharshini S	Priyatharshini S
29	21CE037	Rahul Kumar	<del>Rahul Kumar</del>
30	21CE038	Raj Kumar Singh	Raj Kumar Singh
31	21CE044	Sangeetha M	Sangeetha
32	21CE045	Sanni Raj	Sanniraj
33	21CE046	Sanoj Kumar Mandal	Sanoj Kumar Mandal
34	21CE047	Satish Kumar	Satish Kumar
35	21CE048	Satyam Kumar Himansu	Satyam Kumar
36	21CE049	Shanthi S	<del>Shanthi S</del>
37	21CE050	Shanu Kumar	Shanu Kumar
38	21CE051	Shashikant Kumar	Shashikant Kumar
39	21CE052	Sonu Kumar	Sonu Kumar
40	21CE059	Vicky Kumar	Vicky Kumar
41	21CE060	Yaswanth V	Yaswanth V.
42	21CE061	Yusuf Jamal	Yusuf Jamal.
43	22LCE062	Billy Kim R Marak	Billy Kim R Marak
44	22LCE063	David Dhinakaran A	David Dhinakaran A
45	22LCE064	Hyoiseir Tamang Pakhrin	Hyoiseir Tamang Pakhrin
46	22LCE065	James Subba	James Subba.
47	22LCE075	Sharon J Shaji	Sharon J Shaji
48	20CE001	Abhishek Kumar	Abhishek Kumar.
49	20CE002	Adarsh Bharti	Adarsh Bharti



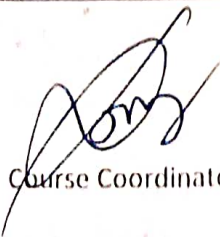
50	20CE006	Bhaskaran.P	<del>Ashok</del>
51	20CE008	Chandramohan Yadav	Yadav
52	20CE015	Kannan.H	Kannan.H.
53	20CE016	Kisalay Kishor	Kisalay Kishor
54	20CE017	Kishore Raj	Kishore Raj
55	20CE018	Laddu Singh	Laddu Singh
56	20CE019	Md Shahid Zamal Ansari	Zamal Ansari
57	20CE021	Prince Kumar	Prince Kumar
58	20CE022	Raj Kumar Rai	Raj Kumar
59	20CE023	Raj Ratan Badal	Raj Ratan
60	20CE024	Rajan Kumar	Rajan Kumar
61	20CE025	Raushan Kumar	Raushan
62	20CE026	Raveen Rajan	Raveen Rajan
63	20CE037	Suganesh.M	Suganesh
64	20CE038	Suriyaprakash.M	Suriyaprakash
65	20CE039	Vasanthalan.A	Vasanthalan
66	20CE040	Zorj Kumar	Zorj Kumar
67	21LCE042	Ashok Kumar Yadav	Ashok Kumar Yadav
68	21LCE043	Bhagya Raj Kathayat	Bhagya Raj
69	21LCE046	Iswar Kumar	<del>Iswar</del>
70	21LCE047	Nagarajan.V	Nagarajan.V
71	21LCE048	Neeraj.M	Neeraj.M
72	21LCE049	Raj Kumar Prasad	Raj Kumar
73	21LCE051	Sri Perumal Samy.S	Sri Perumal Samy.S
74	21LCE052	Suraj Gupta	Suraj Gupta
75	19CE002	Akash Kumar	Akash Kumar
76	19CE003	Akivika K Zhimomi	Akivika K Zhimomi
77	19CE004	Amit Shah	Amit Shah

78	19CE005	Anjali R	Anjali R
79	19CE006	Anurag Mishra	Anurag Mishra
80	19CE008	Arunkumar R	Arunkumar R
81	19CE007	Arun Kumar M	Arun Kumar M
82	19CE009	Ashlin A	Ashlin A
83	19CE010	Ayush Gajmer	Ayush Gajmer
84	19CE011	Bharathi Dasan S	Bharathi Dasan S
85	19CE012	Bhim Kumar Chaudhary	Bhim Kumar Chaudhary
86	19CE013	Bijay Kumar Yadav	Bijay Kumar Yadav
87	19CE014	Binod Kumar Thakur	Binod Kumar Thakur
88	19CE015	Bipin Choudhari	Bipin Choudhari
89	19CE017	Chandra Shekhar Kc	Chandra Shekhar Kc
90	19CE018	Dheeraj Kumar	Dheeraj Kumar
91	19CE019	Giftin P James	Giftin P James
92	19CE020	Glory Gifta K	Glory Gifta K
93	19CE022	Jayapradeep T	Jayapradeep T
94	19CE023	Krithik Vasani A P	Krithik Vasani A P
95	19CE025	Manjita Kumari Yadav	Manjita Kumari Yadav
96	19CE026	Marvan Hyder Ali C K	Marvan Hyder Ali C K
97	19CE028	Md Intekhab Alam	Md Intekhab Alam
98	19CE029	Md Raghav	Md Raghav
99	19CE030	Md Ragib Ali	Md Ragib Ali
100	19CE032	Md Shahrukh	Md Shahrukh
101	19CE033	Mintu Kumar	Mintu Kumar
102	19CE036	Mohammed Abdul Shamil P E	Mohammed Abdul Shamil P E
103	19CE034	Mohammed Munthasar	Mohammed Munthasar
104	19CE035	Mohammed Shiyas	Mohammed Shiyas
105	19CE037	Mukesh Chaudhary	Mukesh Chaudhary



106	19CE038	Mukesh Kumar Yadav	Mukesh
107	19CE041	Narayandeo Kumar Yadav	Narayandeo
108	19CE045	Prakash Kumar Chaudhary	Prakash
109	19CE046	Praveenkumar P	Praveen
110	19CE047	Prince Calvin P	Prince Calvin
111	19CE048	Raghav Kumar Singh	Raghav
112	19CE050	Rakesh MR	Rakesh
113	19CE051	Sahal Muhammed Ali P K	Sahal
114	19CE052	Sairaghava C E	Sairaghava
115	19CE058	Sijo Varughese	Sijo
116	19CE059	Sripriya L	Sripriya
117	19CE060	Trishna Thatal	Trishna
118	19CE061	Ujjwal Singh	Ujjwal Singh
119	19CE062	Venish Ngangom	Venish
120	19CE063	Vishnu Kumar	Vishnu Kumar
121	19CE064	Vishwas Kumar Singh	Vishwas
122	20LCE068	Anshad V G	Anshad V.
123	20LCE069	Kaushik Babu T V	Kaushik
124	20LCE071	Mahalakshmi V	Mahala
125	20LCE070	Muthaiya Haris G T	Muthaiya
126	20LCE066	Ritik Kumar Pandit	Ritik K. Kumar Pandit
127	20LCE067	Rubel Das	Rubel Das
128	20LCE072	Rupesh Kumar Prakash	Rupesh
129	20LCE073	Sangeetha P	Sangeetha
130	20LCE074	Umashakthee G S	Umashakthee
131	19RCE087	Ahmed Hamad Naeem Hamad	Ahmed
132	21MEEE01	Aadham Ghani J	Aadham
133	21MEEE02	Abirami M	Abirami M.

134	21MEEE03	Aravinth R	Aravinth
135	21MEEE04	Devaraj P	Devaraj P
136	21MEEE05	Keerthivarman M	Keerthivarman M.
137	21MEEE06	Menaka K	menaka k
138	21MEEE07	Muthu Kumaresan	Muthu
139	21MEEE08	Panneer Selvam B	pan sel
140	21MEEE09	Pradeep Kumar S	Pradeep kumar
141	21MEEE10	Prasanth M	Prasanth
142	21MEEE11	Sakthimurugan K	Sakthimurugas
143	21MEEE12	Santhosh R	Santhosh
144	21MEEE13	Saravana Kumar B	Saravana Kumar
145	21MEEE14	Sowndhararajan T	Sowndhararajan
146	21MEEE15	Srinivasan S	Srinivasan
147	21MEEE16	Venkata Krishnan J	venkata krishnan
148	21MEEE17	Vigneshwaran K	Vigneshwaran
149	21MEEE18	Vinothini L	Vinothini
150	22MEEE08	Manju Ajith	manju Ajith
151	22MEEE09	Nivetha S	S. Nivetha
152	22MEEE10	Noyal K Joseph	Noyal K Joseph
153	22MEEE11	Poornima A K	Poornima
154	22MEEE17	Thriveni K V	Thriveni K V
155	22MEEE18	Vijayakumar M	Vijayakumar M.
156	22MEEE19	Vinod Kumar S	Vinod Kumar

  
Course Coordinator

  
HOD





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## DEPARTMENT OF CIVIL ENGINEERING

Value Added Course on Analysis and design of framed Structures using STADD PRO

01/11/2022 to 05/11/2022

Students Name List with Attendance

S.No.	Roll No	Students Name	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11
1	21CE001	Abdul Gaffar M	/	/	/	/	/	/	/	/	/	/
2	21CE006	Abindra Prasad S	/	/	/	/	/	/	/	/	/	/
3	21CE007	Ajithkumar A	/	/	/	/	/	/	/	/	/	/
4	21CE008	Akshay P U	/	/	/	a	/	/	/	/	/	/
5	21CE009	Ashu Kumar	/	/	/	/	/	/	/	/	/	/
6	21CE010	Ashokkumar R	/	/	/	/	/	/	/	/	/	/
7	21CE011	Bhashkar Pandit	/	/	/	/	/	/	/	/	/	/
8	21CE012	Bittu Kumar	/	/	/	/	/	/	/	/	a	/
9	21CE013	Daya Kumar	/	/	/	/	/	/	/	/	/	/
10	21CE014	Deepak Kumar	/	/	/	/	/	/	/	/	/	/
11	21CE019	Kaviyarasu G	/	/	/	/	/	/	/	/	/	/
12	21CE020	Khulakpam Jeinedin Jidan	/	/	/	a	/	/	/	/	/	/
13	21CE021	Lakhendra Kumar	/	/	/	/	/	/	/	/	/	/
14	21CE022	Lalan Kumar	/	/	/	/	/	/	/	/	/	/
15	21CE023	Maheshprabhu S	/	/	/	/	/	/	/	/	/	/
16	21CE024	Md Muntazir	/	/	/	/	/	a	/	/	/	/
17	21CE025	Md Nafees Hawari	/	/	/	/	/	/	/	/	/	/
18	21CE026	Mohammad Meeraj Alam	/	/	/	/	/	/	/	/	/	/
19	21CE027	Murali Prasath V	/	/	/	/	/	/	/	/	/	/
20	21CE028	Muthamizhventhan V	/	/	/	/	/	/	/	/	/	/
21	21CE029	Nagakeerthi M S	/	/	/	/	/	/	/	/	/	/
22	21CE030	Nikesh Pandit S	/	/	/	a	/	/	/	/	/	/

23	21CE031	Nikita Kumari	/	/	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	21CE032	Pannalal Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	21CE033	Prashant Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	21CE034	Prashant Ray	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	21CE035	Prince Raj	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	0
28	21CE036	Priyatharshini S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	21CE037	Rahul Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	21CE038	Raj Kumar Singh	/	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/
31	21CE044	Sangeetha M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	21CE045	Sanni Raj	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	21CE046	Sanoj Kumar Mandal	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	21CE047	Satish Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	21CE048	Satyam Kumar Himansu	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	21CE049	Shanthi S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	0	/
37	21CE050	Shanu Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	21CE051	Shashikant Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	21CE052	Sonu Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	21CE059	Vicky Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
41	21CE060	Yaswanth V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
42	21CE061	Yusuf Jamal	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
43	22LCE062	Billy Kim R Merak	/	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/
44	22LCE063	David Dhinakaran A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
45	22LCE064	Hyoiseir Tameng Pakhrin	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
46	22LCE065	James Subba	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
47	22LCE075	Sharon J Shaji	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
48	20CE001	Abhishek Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
49	20CE002	Adarsh Bharti	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
50	20CE006	Bhaskaran.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
51	20CE008	Chandramohan Yadav	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
52	20CE015	Kannan.H	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
53	20CE016	Kisalay Kishor	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
54	20CE017	Kishore Raj	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
55	20CE018	Laddu Singh	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
56	20CE019	Md Shahid Zamal Ansari	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
57	20CE021	Prince Kumar	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
58	20CE022	Raj Kumar Rai	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
59	20CE023	Raj Ratan Badal	/	/	/	/	/	/	/	/	/	/	/	/	/	/	0	/	/

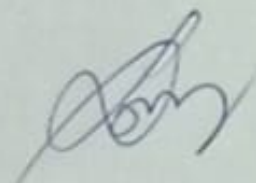




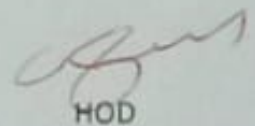




138	21MEEE07	Muthu Kumaresan	/	/	/	/	/	/	/	/	/
139	21MEEE08	Panneer Selvam B	/	/	/	/	/	a	/	/	/
140	21MEEE09	Pradeep Kumar S	/	/	/	/	/	/	/	/	/
141	21MEEE10	Prasanth M	/	/	a	/	/	/	/	a	/
142	21MEEE11	Sakthimurugan K	/	/	/	/	/	/	/	/	/
143	21MEEE12	Santhosh R	/	/	/	/	/	/	/	/	/
144	21MEEE13	Saravana Kumar B	/	/	/	/	a	/	/	/	/
145	21MEEE14	Sownthirarajan T	/	/	/	/	/	/	/	/	/
146	21MEEE15	Srinivasan S	/	/	/	/	/	/	/	/	/
147	21MEEE16	Venkata Krishnan J	/	/	/	/	/	/	/	/	/
148	21MEEE17	Vigneshwaran K	/	/	/	/	/	/	/	a	/
149	21MEEE18	Vinothini L	/	/	/	/	/	/	/	/	/
150	22MEEE08	Manju Ajith	/	/	/	/	/	/	/	/	/
151	22MEEE09	Nivetha S	/	/	/	/	/	a	/	/	a
152	22MEEE10	Noyal K Joseph	/	/	/	/	/	/	/	/	/
153	22MEEE11	Poornima A K	/	/	/	/	/	/	/	/	/
154	22MEEE17	Thriveni K V	/	/	/	/	/	/	/	/	/
155	22MEEE18	Vijayakumar M	/	/	/	/	/	/	/	/	/
156	22MEEE19	Vinod Kumar S	/	/	/	/	/	/	/	/	/



Coordinator

HOD

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
ROMARADIPATYAM 637 903.



# EXCEL ENGINEERING COLLEGE

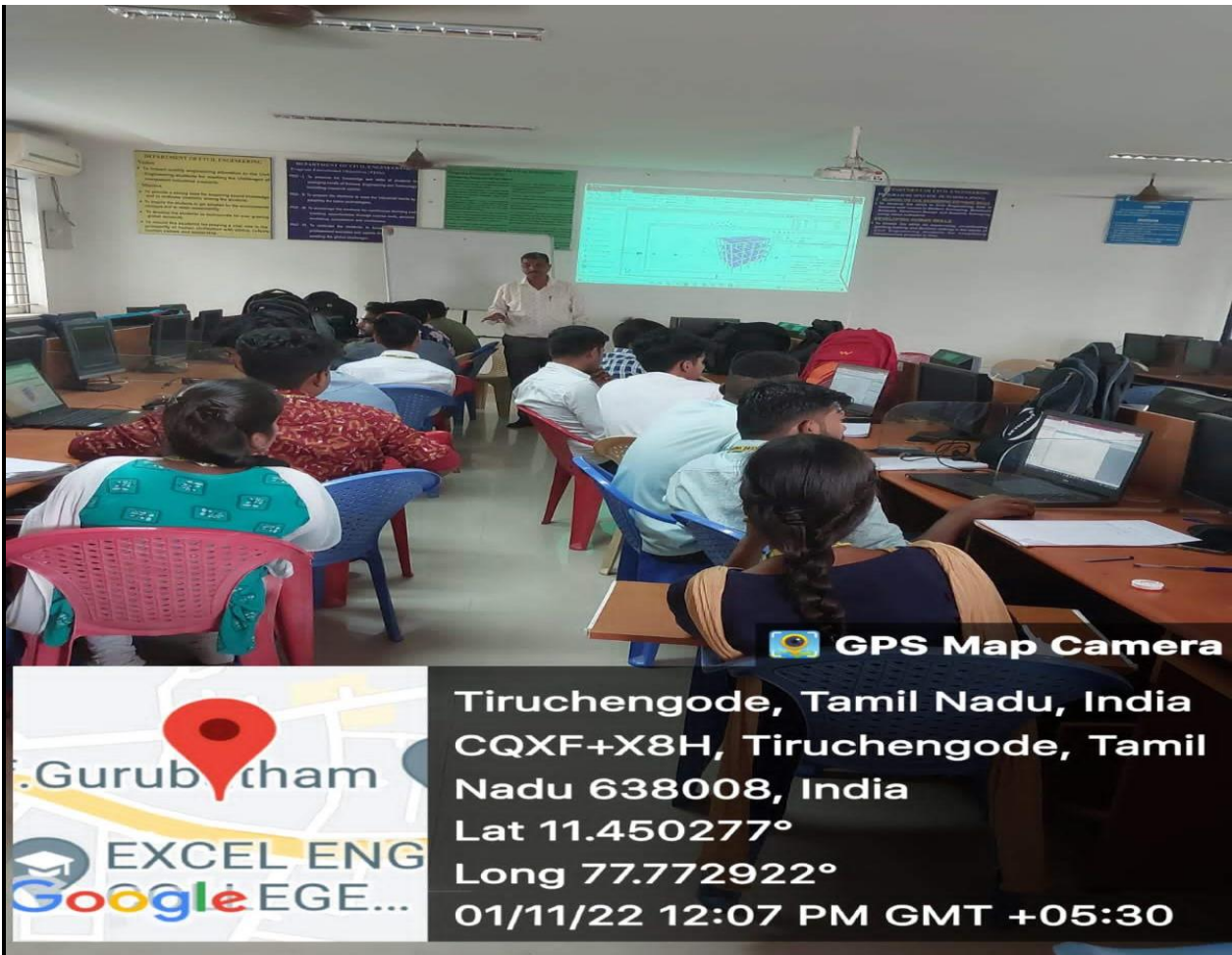
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KOMARAPALAYAM – 637303

DEPARTMENT OF CIVIL ENGINEERING



We have planned to conduct a **Value Added Course** on “**Analysis and design of framed Structures**” Using STADD Pro on 01/11/2022 to 05/11/2022 (9.30 am to 4.30 pm) at **Cadd Lab,Civil Block**. Hence, the 156 students from Department of Civil Engineering are instructed to attend



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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

FINAL ASSESSMENT FOR VALUE ADDED COURSES

Course Name: Analysis and Design of Framed Structures Using Stadd Pro

Date	5/11/22	Duration	30 Minutes	Marks	20
------	---------	----------	------------	-------	----

Student Roll Number	21CE047
Student Name	Sathish kumar
Year / Sem	III / V

Q.No	Questions	Answer
1	I want to draw a line in the direction 07:30 (local time) will give an angle	135 degrees
2	Which of the following is not a keyboard shortcut of AutoCAD?	Alt + B
3	What time (according to the clock) are 270 degrees according to the conventional time?	6 Exactly
4	Which is corresponded to zoom mouse wheel?	extents / all
5	Why do we have 16,7 M colors in RGB	For each color we have 256 shades and colors combination third
6	When drawing in 2D# what a\$ is do "ou %& work with!	Z
7	What do the letters UCS	Universal Coordinate System
8	What Does the Command Wblock	Write Block
9	How many SNAP points does an object Have?	Depend on object
10	How many AutoCAD Objects are in a rectangle?	one
11	When in absolute Cartesian coordinates have points A (10.8) and B (6.5), then to make a line from A -> B with relative polar coordinates will write	5 <216,88
12	What setting gradient allows us to fill an open area?	Tolerance
13	What are the various options from left to right and the opposite direction?	Select objects according to their position
14	What command allows us to select objects based on some status?	Qselect
15	What are the various options from left to right and the opposite direction	Select objects according to their position
16	is 3-- degrees the same as 16- degrees in a drawing!	yes
17	What Does Associative Hatch	Monitors the Changes in Shape that Fills



18	Polar Coordinates Are Used Mostly For Drawing	Angular Lines
19	How many Points do you need to define for the rectangle Command	Two
20	How long Will a line from 0.5 to 5.5 be	5 units

Marks Obtained	18
Marks Allocated	20



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KOMARAPALAYAM - 637303


### DEPARTMENT OF CIVIL ENGINEERING

#### Activity Report

Excel Engineering College, Excel Foundation Technology Business Incubator, Department of Civil Engineering, Entrepreneur Development Cell, Institution's Innovation Council jointly organized an **Value Added Course on "Analysis and design of framed Structures"** Using STADD Pro on 01/11/2022 to 05/11/2022 (9.30 am to 4.30 pm) at **Cadd Lab, Civil Block**. Hence, the 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course. Initially Dr.S.Shanmugasundaram Professor and Head, Department of Civil Engineering, delivered Inaugural address.

On this occasion, Our Chief Guest, Mrs N.Mythily, Assistant Professor, Department of Civil Engineering addressed How to using in Stadd pro in Multistoried Building. The 156 students departments of Civil Engineering actively participated and interacted with chief guest.

Finally Professor Mr. S.Arunkumar, Assistant Professor, Department of Civil Engineering, delivered the vote of thanks. The program arranged by, Mr.C.ArunDoss & Mr.S.Sasikumar Department of Civil Engineering, Excel Engineering College. The Activity Coordinator Mr.S.M.Sakthivel Assistant Professor, Department of Civil Engineering has done all the needful arrangements for the successful conduct of the program.

  
(Course Coordinator)



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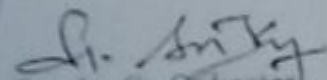
Kantrappalayam, Namakkal Dt.

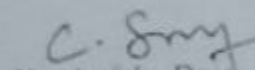
## CENTRE FOR TEACHING AND LEARNING & DEPARTMENT OF CIVIL ENGINEERING




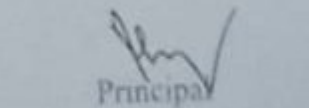
This is to certify that Mr./ Ms. MINTU KUMAR of I / II / III / IV year,  
Dept of CIVIL ENGINEERING, Excel Engineering College has attended the  
Value Added Course on Analysis and design of framed  
during 01/11/22 to 05/11/22

Resource Person : Mr. C. Arundoss

  
Faculty Co Ordinator  
Civil Engineering

  
Head of the Dept  
Civil Engineering

  
Director  
Centre for Teaching and Learning

  
Principal  
Excel Engineering College





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Komarpalayam, Namakkal Dt.

## CENTRE FOR TEACHING AND LEARNING

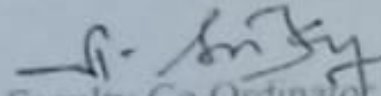


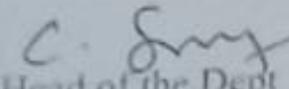
&

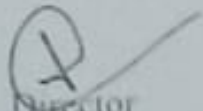
## DEPARTMENT OF CIVIL ENGINEERING


This is to certify that Mr./ Ms. BIJAY KUMAR YADAV of I / II / III / IV year,  
Dept of CIVIL ENGINEERING, Excel Engineering College has attended the  
Value Added Course on Analysis and design of framed  
during 01/11/22 to 05/11/22

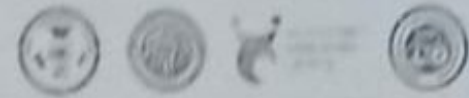
Resource Person : Mr. C. Arundoss

  
Faculty Co Ordinator  
Civil Engineering

  
Head of the Dept  
Civil Engineering

  
Director  
Centre for Teaching and Learning

  
Principal  
Excel Engineering College



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Komarapalayam, Namakkal Dt.

## CENTRE FOR TEACHING AND LEARNING & DEPARTMENT OF CIVIL ENGINEERING



This is to certify that Mr./ Ms. ANJALI of I / II / III / IV year, ✓  
Dept of CIVIL ENGINEERING, Excel Engineering College has attended the  
Value Added Course on Analysis and design of framed  
during 01/11/22 to 05/11/22

Resource Person : Mr. C Arundoss

Faculty Co Ordinator  
Civil Engineering

Head of the Dept  
Civil Engineering

Director  
Centre for Teaching and Learning

Principal  
Excel Engineering College



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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Course Name: Value Added Course on "Analysis and design of framed Structures" Using STADD Pro

Venue: Hall No: Cadd lab/Civil Block

Date: 05/11/23

Student Name : *Princeeraj*

Roll Number : *21CE034*

Dear Student, You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Description	Excellent	Very good	Good	Fair	Satisfactory
1	Course Content		✓			
2	Skill Development			✓		
3	Motivation					✓
4	Regularity and punctuality of teacher	✓				
5	Coverage of Syllabus				✓	
6	Interaction			✓		
7	Outcome					✓
8	Other Suggestions			✓		

*Princeeraj*  
Signature of the Student





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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Course Name: Value Added Course on "Analysis and design of framed Structures" Using STADD Pro

Venue: Hall No: Cadd lab/Civil Block

Date: 05/11/23

Student Name : SURAJ BIJUPLA

Roll Number : 21LCE052

Dear Student, You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Description	Excellent	Very good	Good	Fair	Satisfactory
1	Course Content		✓			
2	Skill Development			✓		
3	Motivation	✓				
4	Regularity and punctuality of teacher			✓		
5	Coverage of Syllabus		✓			
6	Interaction			✓		
7	Outcome					✓
8	Other Suggestions				✓	

*Suraj Bijupla*  
Signature of the Student



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Course Name: Value Added Course on "Analysis and design of framed Structures" Using STADD Pro

Venue: Hall No: Cadd lab/Civil Block

Date: 05.11.23

Student Name : *Rajan kumar*

Roll Number : *20CE024*

Dear Student, You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Description	Excellent	Very good	Good	Fair	Satisfactory
1	Course Content		✓			
2	Skill Development	✓				
3	Motivation			✓		
4	Regularity and punctuality of teacher		✓			
5	Coverage of Syllabus			✓		
6	Interaction	✓				
7	Outcome			✓		
8	Other Suggestions		✓			

*Rajan kumar,*

Signature of the Student



Komarapalayam

13/01/2023

**From**

C.ARUNDOSS & S.M.SAKTHIVEL  
Assistant Professor  
Department of Civil Engineering  
Excel Engineering College  
Komarapalayam-637303

**TO**

The Head of the Department  
Department of Civil Engineering  
Excel Engineering College  
Komarapalayam-637303

**Respected sir,**

**Sub:** Seeking Permission to Conduct Value Added Course on **"Modern Equipment Surveying-Total Station"** Using -Reg

In our Department We have Planned to Conduct a Value Added Course on **"Modern Equipment Surveying-Total Station"** Using STADD Pro on 16/01/2023 to 21/01/2023 (9.30 am to 4.30 pm) at **Cadd Lab, Civil Block** for 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course. I request you to kindly permit us to conduct above Program

Thanking You

Yours faithfully



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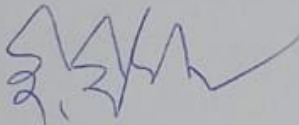
## CIRCULAR

AGRI /2022-23/13.01.2023

Dear Students,

**Sub: Conducting a Value Added Course (VAC) – Reg.,**

We have planned to conduct a Value Added Course on "Modern Equipment Surveying-Total Station" Using on 16/01/2023 to 21/01/2023 (9.30 am to 4.30 pm) at Survey Lab, Civil Block. Hence, the 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course.



Course Coordinators



HoD/Civil

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
KOMARAPALAYAM 637 301.





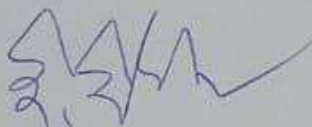
### CIRCULAR

AGRI /2022-23/13.01.2023

Dear Students,

**Sub: Conducting a Value Added Course (VAC) – Reg.,**

We have planned to conduct a **Value Added Course** on “**Modern Equipment Surveying-Total Station**” Using on 16/01/2023 to 21/01/2023 (9.30 am to 4.30 pm) at **Survey Lab, Civil Block**. Hence, the 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course.



Course Coordinators



HoD/Civil

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
KUMARAPALAYAM 637 351.





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Recognized by UGC ( 2f & 12B )

## Date

16/01/23

to

21/01/23

## Time

10.00 am



## Department of Civil Engineering

Commencement of Value Added Course on

## Modern Equipments In Surveying - Total Station



## Staff Coordinators

**Prof C.Arun Doss**

**Assistant Professor / Civil**

**Prof S.M.Sakthivel**

**Assistant Professor / Civil**

**Venue : Civil Block**

Dr C.Karthikeyini  
Director Academics

Dr S.Anbukaruppusamy  
Director Administration

Dr K.Bommanna Raja  
Principal & Executive Director

Dr S. Shanmugasundaram  
Head of the Department

Prof S. M. Sakthivel  
Activity Coordinator



# Value Added Course on Total Station Survey

## Syllabus

### Cycle I - Fundamentals of Survey

Methods of measuring distance, basic principles of total station, historical development, classifications, applications and comparison with conventional surveying.

### Cycle II - Total station

- Introduction
- Parts of total station
- Accuracy & errors
- Topographic survey
- Control & offset survey
- Contour survey
- Building marking
- Angle & distance measurement
- Calculation of area
- Measurement of volume
- Road survey

### Cycle III – Hands on Training

- Instrument setup
- Spot level
- Distance measurement
- Field procedure using co-ordinates
- Data extraction from total station
- Data importing using Auto-cad





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27

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

VALUE ADDED COURSE

Course Name: MORDEN EQUIPMENT SURVEYING - TOTAL STATION

Course Objectives:

1. To acquire the knowledge about components of Total Station.
2. To understand the procedure to use total station equipment for Agriculture fields.

Course Outcomes:

1. Understand the different components of Total Station.
2. Explain the procedure of total station equipments in Agriculture fields.

Course Coordinators

HoD/Civil

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
KOMARAPALAYAM - 637 303.



27

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## DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

VALUE ADDED COURSE

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**Course Coordinators**

**HoD/Civil**

HEAD OF THE DEPARTMENT  
CIVIL ENGINEERING,  
EXCEL ENGINEERING COLLEGE  
KOMARAPALAYAM - 637303.



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KOMARAPALAYAM - 637303

## DEPARTMENT OF CIVIL ENGINEERING

Value Added Course: Modern Equipment surveying -Total Station

### Students Enrolment List

S.No.	Roll No	Students Name	Signature
1	21CE001	Abdul Gaffar M	
2	21CE006	Abindra Prasad S	
3	21CE007	Ajithkumar A	
4	21CE008	Akshay P U	
5	21CE009	Ashu Kumar	
6	21CE010	Ashokkumar R	
7	21CE011	Bhashkar Pandit	
8	21CE012	Bittu Kumar	
9	21CE013	Daya Kumar	
10	21CE014	Deepak Kumar	
11	21CE019	Kaviyarasu G	
12	21CE020	Khulakpam Jeinedin Jidan	
13	21CE021	Lakhendra Kumar	
14	21CE022	Lalan Kumar	
15	21CE023	Maheshprabhu S	
16	21CE024	Md Muntazir	
17	21CE025	Md Nafees Hawari	
18	21CE026	Mohammad Meeraj Alam	
19	21CE027	Murali Prasath V	
20	21CE028	Muthamizhventhan V	
21	21CE029	Nagakeerthi M S	



22	21CE030	Nikesh Pandit S	<del>Nikesh</del>
23	21CE031	Nikita Kumari	Nikita Kumari
24	21CE032	Pannalal Kumar	Pannalal Kumar
25	21CE033	Prashant Kumar	<del>Prashant</del>
26	21CE034	Prashant Ray	Prashant Ray
27	21CE035	Prince Raj	Prince Raj
28	21CE036	Priyatharshini S	Priyatharshini S
29	21CE037	Rahul Kumar	<del>Rahul</del>
30	21CE038	Raj Kumar Singh	Raj Kumar Singh
31	21CE044	Sangeetha M	Sangeetha
32	21CE045	Sanni Raj	Sanniraj
33	21CE046	Sanoj Kumar Mandal	.
34	21CE047	Satish Kumar	Satish Kumar
35	21CE048	Satyam Kumar Himansu	Satyam Kumar
36	21CE049	Shanthi S	Shanthi
37	21CE050	Shanu Kumar	Shanu Kumar
38	21CE051	Shashikant Kumar	Shashikant
39	21CE052	Sonu Kumar	<del>Sonu</del>
40	21CE059	Vicky Kumar	Vicky Kumar
41	21CE060	Yaswanth V	Yaswanth V.
42	21CE061	Yusuf Jamal	Yusuf Jamal
43	22LCE062	Billy Kim R Marak	Billy Kim R
44	22LCE063	David Dhinakaran A	David Dhinakaran
45	22LCE064	Hyoiseir Tamang Pakhrin	Hyoiseir Tamang Pakhrin
46	22LCE065	James Subba	James Subba
47	22LCE075	Sharon J Shaji	Sharon J Shaji
48	20CE001	Abhishek Kumar	Abhishek Kumar
49	20CE002	Adarsh Bharti	Adarsh

50	20CE006	Bhaskaran.P	<del>Bhaskaran.P</del>
51	20CE008	Chandramohan Yadav	Yadav
52	20CE015	Kannan.H	Kannan.H.
53	20CE016	Kisalay Kishor	Kishalay Kishor
54	20CE017	Kishore Raj	Kishore Raj
55	20CE018	Laddu Singh	Laddu Singh
56	20CE019	Md Shahid Zamil Ansari	Zamil Ansari
57	20CE021	Prince Kumar	Prince Kumar
58	20CE022	Raj Kumar Rai	Raj Kumar Rai
59	20CE023	Raj Ratan Badal	Raj Ratan Badal
60	20CE024	Rajan Kumar	Rajan Kumar
61	20CE025	Raushan Kumar	Raushan Kumar
62	20CE026	Raveen Rajan	Raveen Rajan
63	20CE037	Suganesh.M	Suganesh.M
64	20CE038	Suriyaprakash.M	Suriyaprakash
65	20CE039	Vasanthalan.A	Vasanthalan.A
66	20CE040	Zorj Kumar	Zorj Kumar
67	21LCE042	Ashok Kumar Yadav	Ashok Kumar Yadav
68	21LCE043	Bhagya Raj Kathayat	Bhagya Raj Kathayat
69	21LCE046	Iswar Kumar	Iswar Kumar
70	21LCE047	Nagarajan.V	Nagarajan.V
71	21LCE048	Neeraj.M	Neeraj.M
72	21LCE049	Raj Kumar Prasad	Raj Kumar Prasad
73	21LCE051	Sri Perumal Samy.S	Sri Perumal Samy
74	21LCE052	Suraj Gupta	Suraj Gupta
75	19CE002	Akash Kumar	Akash Kumar
76	19CE003	Akivika K Zhimomi	Akivika K Zhimomi
77	19CE004	Amit Shah	Amit Shah



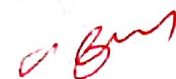
78	19CE005	Anjali R	Anjali R
79	19CE006	Anurag Mishra	Anurag
80	19CE008	Arunkumar R	Arunkumar R
81	19CE007	Arun Kumar M	Arun Kumar M
82	19CE009	Ashlin A	Ashlin A
83	19CE010	Ayush Gajmer	Ayush
84	19CE011	Bharathi Dasan S	Bharathi
85	19CE012	Bhim Kumar Chaudhary	Bhim Kumar
86	19CE013	Bijay Kumar Yadav	Bijay Kumar Yadav
87	19CE014	Binod Kumar Thakur	Binod Kumar
88	19CE015	Bipin Choudhari	Bipin Choudhari
89	19CE017	Chandra Shekhar Kc	Chandra
90	19CE018	Dheeraj Kumar	Dheeraj Kumar
91	19CE019	Giftin P James	Giftin P James
92	19CE020	Glory Gifta K	Glory Gifta K
93	19CE022	Jayapradeep T	Jayapradeep
94	19CE023	Krithik Vasan A P	Krithik
95	19CE025	Manjita Kumari Yadav	Manjita Kumari
96	19CE026	Marvan Hyder Ali C K	Marvan Hyder
97	19CE028	Md Intekhab Alam	Md Intekhab
98	19CE029	Md Raghiv	Md Raghiv
99	19CE030	Md Ragib Ali	Md Ragib
100	19CE032	Md Shahrukh	Md Shahrukh
101	19CE033	Mintu Kumar	Mintu Kumar
102	19CE036	Mohammed Abdul Shamil P E	Mohammed
103	19CE034	Mohammed Munthasar	Mohammed
104	19CE035	Mohammed Shiyas	Mohammed Shiyas
105	19CE037	Mukesh Chaudhary	Mukesh Chaudhary



106	19CE038	Mukesh Kumar Yadav	Mukesh
107	19CE041	Narayandeo Kumar Yadav	Narand kumar
108	19CE045	Prakash Kumar Chaudhary	Prakash
109	19CE046	Praveenkumar P	Praveen
110	19CE047	Prince Calvin P	Prince
111	19CE048	Raghav Kumar Singh	Raghav
112	19CE050	Rakesh M R	Rakesh
113	19CE051	Sahal Muhammed Ali P K	Sahal
114	19CE052	Sairaghava C E	Sairagava
115	19CE058	Sijo Varughese	Sijo
116	19CE059	Sripriya L	Sripriya
117	19CE060	Trishna Thatal	Trishna
118	19CE061	Ujjwal Singh	Ujjwal Singh.
119	19CE062	Venish Ngangom	Venish
120	19CE063	Vishnu Kumar	Vishnu Kumar
121	19CE064	Vishwas Kumar Singh	Vishwas
122	20LCE068	Anshad V G	Anshad.V.
123	20LCE069	Kaushik Babu T V	Kaushik
124	20LCE071	Mahalakshmi V	Mahala
125	20LCE070	Muthaiya Haris G T	Muthaiya
126	20LCE066	Ritik Kumar Pandit	Ritik Kumar Pandit
127	20LCE067	Rubel Das	Rubel Das
128	20LCE072	Rupesh Kumar Prakash	Rupesh
129	20LCE073	Sangeetha P	Sangeetha
130	20LCE074	Umashakthee G S	Umashakthee
131	19RCE087	Ahmed Hamad Naeem Hamad	ahmed
132	21MEEE01	Aadham Ghani J	Aadham Ghani
133	21MEEE02	Abirami M	Abirami m.

134	21MEEE03	Aravindh R	Aravindh.
135	21MEEE04	Devaraj P	Devaraj P
136	21MEEE05	Keerthivarmaan M	Keerthivarmaan
137	21MEEE06	Menaka K	Menaka. K
138	21MEEE07	Muthu Kumaresan	Muthu
139	21MEEE08	Panneer Selvam B	Pan Sel
140	21MEEE09	Pradeep Kumar S	Pradeep Kumar
141	21MEEE10	Prasanth M	Prasanth
142	21MEEE11	Sakthimurugan K	Sakthimurugan
143	21MEEE12	Santhosh R	Santhosh
144	21MEEE13	Saravana Kumar B	Saravana Kumar
145	21MEEE14	Sowthirarajan T	Sowthirarajan
146	21MEEE15	Srinivasan S	Srinivasan
147	21MEEE16	Venkata Krishnan J	Venkata Krishnan
148	21MEEE17	Vigneshwaran K	Vigneshwaran
149	21MEEE18	Vinothini L	Vinothini.
150	22MEEE08	Manju Ajith	Manju Ajith
151	22MEEE09	Nivetha S	S. Nivetha
152	22MEEE10	Noyal K Joseph	Noyal K Joseph
153	22MEEE11	Poornima A K	Poornima
154	22MEEE17	Thriveni K V	Thriveni K V
155	22MEEE18	Vijayakumar M	Vijay Kumar. M.
156	22MEEE19	Vinod Kumar S	Vinod Kumar

  
Course Coordinator

  
HOD

















136	21MEEE05	Keerthivarman M	/	/	/	/	/	/	/	/	/	a
137	21MEEE06	Menaka K	/	/	/	/	a	/	/	/	/	/
138	21MEEE07	Muthu Kumaresan	/	/	/	/	/	/	/	/	/	/
139	21MEEE08	Panneer Selvam B	/	/	/	/	/	/	/	/	/	/
140	21MEEE09	Pradeep Kumar S	/	/	/	/	/	/	/	/	/	/
141	21MEEE10	Prasanth M	/	/	/	/	/	/	/	/	/	/
142	21MEEE11	Sakthimurugan K	/	/	/	/	/	/	/	/	a	/
143	21MEEE12	Santhosh R	/	/	/	/	/	/	/	/	/	/
144	21MEEE13	Saravana Kumar B	/	/	/	/	/	/	/	/	/	/
145	21MEEE14	Sownthirarajan T	/	/	a	/	/	/	/	/	/	/
146	21MEEE15	Srinivasan S	/	/	/	/	/	a	/	/	/	/
147	21MEEE16	Venkata Krishnan J	/	/	/	/	/	/	/	/	/	/
148	21MEEE17	Vigneshwaran K	/	/	/	/	/	/	/	/	/	/
149	21MEEE18	Vinothini L	/	/	/	/	/	/	/	/	/	/
150	22MEEE08	Manju Ajith	/	/	/	/	/	/	/	/	/	/
151	22MEEE09	Nivetha S	/	/	/	/	/	/	/	/	/	/
152	22MEEE10	Noyal K Joseph	/	/	/	/	/	/	/	/	/	/
153	22MEEE11	Poornima A K	/	/	/	/	/	/	/	/	/	/
154	22MEEE17	Thriveni K V	/	/	/	/	/	/	/	/	/	/
155	22MEEE18	Vijayakumar M	/	/	/	/	/	/	/	/	a	/
156	22MEEE19	Vinod Kumar S	a	/	/	/	/	/	/	/	/	/

Coordinator

HOD



# EXCEL ENGINEERING COLLEGE (Autonomous)

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KOMARAPALAYAM – 637303

DEPARTMENT OF CIVIL ENGINEERING



We are Conducted to a **Value Added Course** on “**Modern Equipment Surveying-Total Station** “

Using on 16/01/2022 to 21/01/2022 (9.30 am to 4.30 pm) at **Survey Lab, Civil Block.**

Hence, the 156 students from Department of Civil Engineering are instructed to attended this course.



# EXCEL ENGINEERING COLLEGE

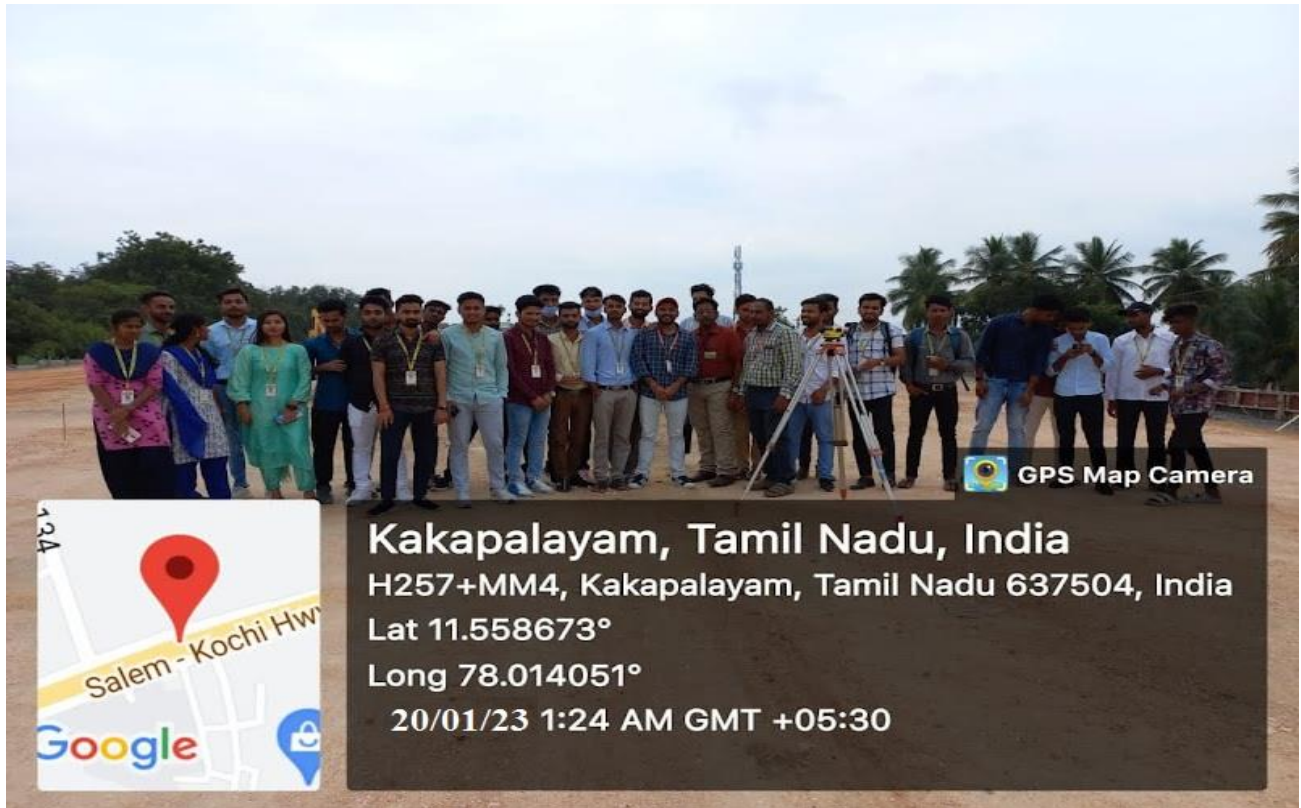
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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVILENGINEERING  
ACADEMIC YEAR (2022-23)

FINAL ASSESSMENT FOR VALUE ADDED COURSES

Course Name: "Modern Equipment Surveying-Total Station"

Date	21/1/23	Duration	30 Minutes	Marks	20
------	---------	----------	------------	-------	----

Student Roll Number	19CE618
Student Name	Dheeraj Kumar
Year / Sem	III / V

Q.No	Questions	Answer
1	In total station, data is stored in _____	Micro processor ✓
2	Compensator can make complete adjustments in total station.	False
3	Vertical angle is measured in the total station as Zenith angle.	True
4	Which of the following indicates the formula for converting slope distance to horizontal distance?	$H = S (\sin z)$
5	When total station is sighted to the target, which of the operation acts first?	Rotation of optical axis
6	Which of the following indicates the correct set of the combination of total station?	Electronic theodolite, EDM
7	Which among the following doesn't indicate the basic calculation of the total station?	Slope distance
8	The formula for difference in elevation can be given as _____	$D = V + (I-R)$
9	In which direction it is best to place the total station for obtaining the best output?	North
10	The data obtained from total station can be used in which among the following software directly?	Surfer
11	Calculation the elevation difference if the vertical distance is 14.89m, instrument height is 9.2m, ground is at 2.8m.	21.29 m
12	Find the vertical distance if the value of slope distance can be given as 12.98 and the angle is $1^{\circ}23'$ .	12.97m
13	Find the elevation of ground beneath the reflector, if the known elevation of instrument is 12.76m, slope distance = 3.76m, angle is about $3^{\circ}43'$ , instrument height = 2.93m, ground is at 0.987 m.	18.45m
14	Which of the following is made in connection with the construction of streets, water supply systems, sewers?	City surveying
15	Which of the following is a classification based on the instrument used?	Traverse surveying

16	Determining points of strategic importance are called _____	Military surveying
17	For exploring mineral wealth which type of surveying is used?	Mine surveying
18	Determining quantities or afford sufficient data for the designing of works such as roads and reservoirs is called _____	Engineering surveying
19	Which of the following is a classification based on the nature of the field survey?	Topographic surveying
20	Which of the following is not a classification based on instruments used or methods employed?	Topographic surveying

Marks Obtained	18
Marks Allocated	20

*[Handwritten signature]*





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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVILENGINEERING  
ACADEMIC YEAR (2022-23)

FINAL ASSESSMENT FOR VALUE ADDED COURSES

Course Name: "Modern Equipment Surveying-Total Station"

Date		Duration	30 Minutes	Marks	20
------	--	----------	------------	-------	----

Student Roll Number	21CE028
Student Name	Muthamizhventhan.V
Year / Sem	III / V

Q.No	Questions	Answer
1	In total station, data is stored in _____	Micro processor
2	Compensator can make complete adjustments in total station.	False
3	Vertical angle is measured in the total station as Zenith angle.	True
4	Which of the following indicates the formula for converting slope distance to horizontal distance?	$H = S (\sin z)$
5	When total station is sighted to the target, which of the operation acts first?	Rotation of optical axis
6	Which of the following indicates the correct set of the combination of total station?	Electronic theodolite, EDM
7	Which among the following doesn't indicate the basic calculation of the total station?	Slope distance
8	The formula for difference in elevation can be given as _____	$D = V + (I-R)$
9	In which direction it is best to place the total station for obtaining the best output?	North
10	The data obtained from total station can be used in which among the following software directly?	Surfer
11	Calculation the elevation difference if the vertical distance is 14.89m, instrument height is 9.2m, ground is at 2.8m.	21.29 m
12	Find the vertical distance if the value of slope distance can be given as 12.98 and the angle is $1^{\circ}23'$ .	12.97m
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17	For exploring mineral wealth which type of surveying is used?	Mine surveying
18	Determining quantities or afford sufficient data for the designing of works such as roads and reservoirs is called _____	Engineering surveying
19	Which of the following is a classification based on the nature of the field survey?	Topographic surveying
20	Which of the following is not a classification based on instruments used or methods employed?	Topographic surveying

Marks Obtained	10 ✓
Marks Allocated	20

*[Handwritten signature]*



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### DEPARTMENT OF CIVIL ENGINEERING

#### Activity Report

Excel Engineering College, Excel Foundation Technology Business Incubator, Department of Civil Engineering, Entrepreneur Development Cell, Institution's Innovation Council jointly organized an **Added Course on "Modern Equipment Surveying-Total Station"** Using on 16/01/2022 to 21/01/2022 at **Survey Lab, Civil Block**. Hence, the 156 students from Department of Civil Engineering are instructed to attend and effectively utilize this course. Initially Dr.S.Shanmugasundaram Professor and Head, Department of Civil Engineering, delivered inaugural address.

On this occasion, Our Chief Guest, Mr.C.ArunDoss & Mr.S.M.Sakthivel, Assistant Professor, Department of Civil Engineering addressed How to using in Total station in Construction Building. The 156 students departments of Civil Engineering actively participated and interacted with chief guest.

Finally Professor Mr. S.Arunkumar, Assistant Professor, Department of Civil Engineering, delivered the vote of thanks. The program arranged by, Mr.C.ArunDoss & Mr.S.M.Sakthivel Department of Civil Engineering, Excel Engineering College. The Activity Coordinator Mr.S.M.Sakthivel Assistant Professor, Department of Civil Engineering has done all the needful arrangements for the successful conduct of the program.



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Komarapalayam, Namakkal Dt.



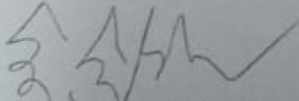
## CENTRE FOR TEACHING AND LEARNING

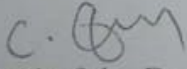
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## DEPARTMENT OF CIVIL ENGINEERING

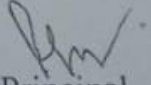
This is to certify that Mr./ Ms. SANTHOSH . R of I / II / III / IV year,  
Dept of CIVIL ENGINEERING, Excel Engineering College has attended the  
Value Added Course on Modern Equipment Surveying - Total station  
during 16/1/23 to 21/1/23

Resource Person : C. ARUNDHOSS & S.M. SAKTHIVEL

  
Faculty Co Ordinator  
Dept of Civil Engineering

  
Head of the Dept  
Dept of Civil Engineering

  
Director  
Centre for Teaching and Learning

  
Principal  
Excel Engineering College

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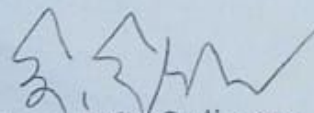
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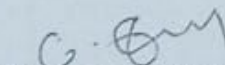


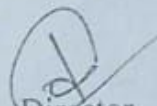
## DEPARTMENT OF CIVIL ENGINEERING

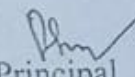
This is to certify that Mr./ Ms. AKSHAYA . P.U of I / II / III / IV year,  
Dept of CIVIL ENGINEERING, Excel Engineering College has attended the  
Value Added Course on Modern Equipment Surveying - Total Station  
during 16/1/23 to 21/1/23

Resource Person : C. ARUNDOSS & S.M. SAKTHIVEL

  
Faculty Co Ordinator  
Dept of Civil Engineering

  
Head of the Dept  
Dept of Civil Engineering

  
Director  
Centre for Teaching and Learning

  
Principal  
Excel Engineering College

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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Course Name: Value Added Course on Modern Equipment Surveying-Total Station

Venue: Hall No: Survey lab/Civil Block

Date: 21.01.2023

Student Name: 21CE019

Roll Number : 1KAVIYARASU. G

Dear Student, You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Description	Excellent	Very good	Good	Fair	Satisfactory
1	Course Content	✓				
2	Skill Development			✓		
3	Motivation					
4	Regularity and punctuality of teacher		✓			
5	Coverage of Syllabus				✓	
6	Interaction		✓			
7	Outcome			✓		
8	Other Suggestions		✓			

  
Signature of the Student





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KOMARAPALAYAM - 637303

DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR (2022-23)

## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Course Name: Value Added Course on Modern Equipment Surveying-Total Station

Venue: Hall No: Survey lab/Civil Block

Date: 21.01.2023

Student Name: Arunkumar. R

Roll Number : 19CE008

Dear Student, You are required to give your feedback on the following aspects. Please tick in the respective column.

S.No	Description	Excellent	Very good	Good	Fair	Satisfactory
1	Course Content	✓				
2	Skill Development					
3	Motivation			✓		
4	Regularity and punctuality of teacher		✓			
5	Coverage of Syllabus					
6	Interaction	✓				
7	Outcome		✓			
8	Other Suggestions			✓		

  
Signature of the Student