

GNEERING I.T.S Engineering College

A unit of Durga Charitable Society

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Value Added Course Record (Internal Trainings) AUTOCAD TRAINING FOR 3RD SEM CED STUDENTS

1	2	3	4	5	6	7	8	9	10	11	HALL BOY	12	13	14
S.No.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendanc e %age	Training Completed Successfully (Y/N)	Certificate (Internal/ External)	Certificatio n Provided (Y/N)	Contact number of Trainee
1	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	HARSHIT SINGH[EX]	20	18	90	Y	Internal	N	8929585815
2	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	MOHD SARFARAZ	20	10	50	N .	Internal	N	8860627744
3	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	AARTI VERMA	20	18	90	Y	Internal	N	7303520467
4	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	ABDULLAH	20	16	80	Y	Internal	N	8809730817
5	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	AMBER SHAMSH	20	18	90	Y	Internal	N	9693625048
6	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	ANIL KUMAR	20	20	100	Y	Internal	N	9696289907
7	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	BASIT BASHIR WANI	20	18	90	Y	Internal	N	6005765110
8	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	DEV RAJ	20	18	90	Y	Internal	N	6387781627
9	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	DIVYANSH SINGH	20	16	80	Υ	Internal	N	9682537793
10	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	IRFAN AHMAD	20	10	50	N	Internal	N	6398121218
11	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	MANISH KUMAR	20	20	100	Υ	Internal	N	7004361119
12	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	PRAVEEN KUMAR SINGH	20	20	100	Υ	Internal	N	9450235356
13	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	PRIYANSHU KUMAR SINGH	20	16	80	Y	Internal	N	8922847015
14	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	RAHUL SINGH	20	6	30	N	Internal	N	7081507271
15	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	RAJ KIRAN	20	18	90	Y	Internal	N	8102390765
16	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	RAINISH KUMAR MISHRA	20	8	40	N	Internal	N	7321995213
17	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SAGAR PASWAN	20	4	20	N	Internal	N	6392209369
18	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SHAFIA NAZIR	20	18	90	Y	Internal	N	9682664611
19	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SHAURYA PRATAP SINGH	20	18	90	Y	Internal	N	8429778890
20	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SHREE PRAKASH	20	8	40	N	Internal	N	8292732869
21	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SHUBHAM PANDIT	20	20	100	Y	Internal	N	9973277085
22	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SUDHAKAR MISHRA	20	20	100	Y	Internal	N	7081960903
23	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	UJJWAL KUMAR	20	20	100	Y	Internal	N	6287173156
24	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	UPENDRA KUMAR	20	20	100	Y	Internal	N	6202418360
25	CIVIL ENGINEERING	3	AttoCAD	40	06-08-2020	29-10-2020	ABDUL MAJID	20	18	90	Y 1	Internal	N	7006364236
26	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	MADHAY DIXIT	20	16	80	Y	Internal	N	6396523909
27	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	PRATYUSH ANAND	20	18	90	Y	Internal	N	6200638351
28	CIVIL ENGINEERING	3	AutoCAD	40	06-08-2020	29-10-2020	SHEETAL KUMARI	20	20	100	Y	Internal	N	8756210880

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Director
ITS Engineering College
Greater Noida



I.T.S ENGINEERING COLLEGE GREATER NOIDA

(A NAAC Accredited Engineering College)

CIVIL ENGINEERING DEPTT. 3RD SEM SESSION: 2020-2021

Sr. No.	Roll No	Name	Date 6-Aug	Date 8-Aug	Date 13-Aug	Date 20-Aug	Date 22-Aug	Date 27-Aug	Date 29-Aug	Date 3-Sept	Date 10-Sept	Date 12-Sept	Date 17-Sept	Date 24-Sept	Date 26-Sept	Date 1-Oct	Date 8-Oct	Date 10-Oct	Date 15-Oct	Date 22-Oct	Date 24-Oct	Date 29-Oct
1	1822200013	HARSHIT SINGH[EX]	P	Р	P	P	P	Р	P	Р	P	Р	P	P	Р	A	Р	P	P	P	P	P
2	1822200019	MOHD SARFARAZ	A	A	A	A	A	A	A	A	A	A	Р	Р	P	P	P	P	P	P	P	P
3	1902220000001	AARTI VERMA	P	P	P	P	P	P	A	P	P	P	P	Р	P	Р	P	P	P	P	P	P
4	1902220000002	ABDULLAH	A	A	P	P	P	P	P	P	P	Р	P	P	P	P	P	P	P	P	P	P
5	1902220000002	AMBER SHAMSH	A	P	P	P	p	P	P	р	P	P	P	P	P	Р	P	P	P	P	P	P
6	1902220000005	ANIL KUMAR	P	P	P	P	P	P	P	P	P	Р	P	Р	P	P	P	P	P	P	P	P
7	1902220000005	BASIT BASHIR WANI	P	P	P	P	P	P	P	A	P	P	P	P	Р	P	P	P	P	P	P	P
8	1902220000007	DEV RAJ	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	1902220000007	DIVYANSH SINGH	A	A	P	P	P	P	P	P	P	P	P	P	Р	Р	P	P	P	P	P	P
10	1902220000010	IRFAN AHMAD	A	A	A	A	A	A	A	A	A	A	P	P	P	Р	P	P	P	P	P	P
11	1902220000010	MANISH KUMAR	P	P	P	P	P	P	P	P	P	P	P	Р	P	P	P	P	P	P	P	P
12	1902220000011	PRAVEEN KUMAR SINGH	P	P	P	P	P	P	P	P	P	P	P	Р	Р	P	Р	P	P	P	P	P
13	1902220000014	PRIYANSHU KUMAR SINGH	р	Р	P	Р	A	A	P	Р	P	Р	Р	Р	Р	Р	P	Р	Р	Р	Р	P
14	1902220000015	RAHUL SINGH	A	A	A	A	A	A	A	A	A	A	P	P	P	Α	A	A	Α	A	A	A
15	1902220000016	RAJ KIRAN	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
16	1902220000017	RAJNISH KUMAR MISHRA	P	P	A	A	A	A	A	A	A	A	P	P	A	Α	A	A	A	A	A	A
17	1902220000018	SAGAR PASWAN	A	A	A	A	A	A	A	A	A	A	A	A	A	P	P	A	A	A	A	A
18	1902220000019	SHAFIA NAZIR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	1902220000020	SHAURYA PRATAP SINGH	P	P	P	P	P	P	P	Р	Α	P	P	P	P	P	P	P	P	P	P	P
20	1902220000021	SHREE PRAKASH	P	P	A	A	A	A	A	Α	A	A	A	A	P	P	A	A	A	A	A	A
21	1902220000022	SHUBHAM PANDIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	1902220000023	SUDHAKAR MISHRA	P	P	P	P	P	P	P	Р	P	P	P	Р	P	P	P	P	P	P	P	P
23	1902220000024	UJJWAL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Р	P	P	P	P	P
24	1902220000025	UPENDRA KUMAR	P	P	P	P	P	Р	P	P	Р	P	P	P	P	P	P	P	P	P	P	P
25 *	2002220009001	ABDUL MAJID	P	P	P	P	Р	P	P	A	P	P	* P	P	P	P	P	P	P	P	* P	P
26	2002220009002	MADHAV DIXIT	P	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P
27	2002220009003	PRATYUSH ANAND	P	P	P	P	Р	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	2002220009004	SHEETAL KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Department of Civil Engineering Marks Assessment sheet

Batch 2019-23 session 2020-21

Sub: AutoCAD Training

	Methodology	型型 7. 在上上可以		Scale		
	Course Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4(60-80%)	5(80-100%)
CO-1	Practicing AutoCAD tools used in drafting and design of civil design and construction Industry.	Does not use the tools available in AutoCAD.	Use of very few basic tools in AutoCAD and apply it in civil design and drawing.	Use of all basic tools in AutoCAD and apply it in civil design and drawing.	Use of high precision tools in AutoCAD and apply it in Civil design and drawing.	Use of high precision tools in AutoCAD and draft drawings according to Industry standards.
CO-2	Apply basic CAD concepts to develop and construct accurate 2D geometry.	Does not apply Basic CAD concepts in geometrical constructions.	Application of very few Basic CAD concepts in geometrical construction.	Application of few Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts in 2D geometrical construction with highest accuracy.
CO-3	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Architectural Drawings such as working plans, landscape, elevations, section, etc	There is no application of elements of drafting	Application of very few elements of drafting in projects	Application of all the major elements of drafting in Architectural Drawings.	Application of all the elements of drafting such as layers, dimensions, etc. in Architectural Drawings.	Application of all the elements of drafting such as layers, dimensions, etc. in all types of Architectural Drawings
CO-4	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Structural Drawings such as layouts, engineering drawings, foundation plan, etc.	There is no application of elements of drafting	Application of very few elements of drafting in projects	Application of all the major elements of drafting in Structural Drawings.	Application of all the elements of drafting such as layers, dimensions, ctc. in Structural Drawings.	Application of all the elements of drafting such as layers, dimensions, etc. in all types of Structural Drawings

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	Course Outcome (COs)
CO-1	Knowledge of power and precision of various drafting and design tools utilised in AutoCAD.
CO-2	Apply basic tools and CAD concepts to develop and construct accurate 2D geometry.
со-3	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Architectural Drawings such as working plans, landscape, elevations, section, etc.
CO-4	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Structural Drawings such as layouts, engineering drawings, foundation plan, etc.

S.No.	Roll No.	Name of the Students	Practicing Aut used in drafting civil design and Industry		concepts to construct a	ools and CAD develop and occurate 2D ry.{CO2}	drafting crea Archit	ements of g such in ating ectural gs (CO3)	drafting in Structural	Apply elements of drafting in creating Structural Drawings (CO4)	
			10		2	0		10 10			
			Marks	Scale	Marks	Scale	Marks	Scale	Marks	Scale	
1	1822200013	HARSHIT SINGH[EX]	8	5	14	4	8	5	7	4	37
2	1822200019	MOHD SARFARAZ	5	3	10	3	5	3	4	3	24
3	1902220000001	AARTI VERMA	8	5	16	5	8	5	7	4	39
4	1902220000002	ABDULLAH	9	5	16	5	8	5	9	5	42
5	1902220000003	AMBER SHAMSH	9	5	17	5	9	5	9	5	44
6	1902220000005	ANIL KUMAR	9	5	20	5	10	5	9	5	48
7	1902220000006	BASIT BASHIR WANI	8	5	15	4	8	5	7	4	38
8	1902220000007	DEV RAJ	9	5	18	5	9	5	9	5	45
9	1902220000008	DIVYANSH SINGH	6	4	17	5	7	4	7	4	37
10	1902220000010	IRFAN AHMAD	5	3	12	4	6	4	3	2	26
11	1902220000011	MANISH KUMAR	10	5	19	5	10	5	9	5	48
12	1902220000013	PRAVEEN KUMAR SINGH	8	5	19	5	8	5	7	4	42
13	1902220000014	PRIYANSHU KUMAR SINGH	8	5	17	5	8	5	7	4	40
14	1902220000015	RAHUL SINGH	5 .	3	9	3	5	3	3	4 2	22
15	1902220000016	RAJ KIRAN	10	5	18	5	10	5	7	4	45
16	1902220000017	RAJNISH KUMAR MISHRA	4	3	12	4	4	3	5	3	25
17	1902220000018	SAGAR PASWAN	5	3	11	3	2	2	2	2	20
18	1902220000019	SHAFIA NAZIR	8	5	19	5	8	5	7	4	42
19	1902220000020	SHAURYA PRATAP SINGH	10	5	15	4	10	5	9	5	44
20	1902220000021	SHREE PRAKASH	5	3	9	3	5	3	4	3	23
21	1902220000022	SHUBHAM PANDIT	8	5	17	5	8	5	7	4	40
22	1902220000023	SUDHAKAR MISHRA	8	5	17	5	8	5	9	5	42
23	1902220000024	UJJWAL KUMAR	10	5	17	5	9	5	9	5	45
24	1902220000025	UPENDRA KUMAR	10	5	18	5	9	5	9	5	46
25	2002220009001	ABDUL MAJID	8	5	19	5	8	5	8	5	43
26	2002220009002	MADHAV DIXIT	10	5	19	5	10	5	9	5	48
27	2002220009003	PRATYUSH ANAND	10	5	17	5	10	5	9	5	46
28	2002220009004	SHEETAL KUMARI	10	5	19	5	10	5	9	5	48

ITS Engineering College Greater Noida

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Value Added Course Record (Internal Trainings) STAAD Pro TRAINING FOR 4TH SEM CED STUDENTS

1	2	3	4	5	6	7	8	9	10	11		12	13	14
S.No.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendanc e %age	Training Completed Successfully (Y/N)	Certificate (Internal/ External)	Certification Provided (Y/N)	Contact number of Trainee
1	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	HARSHIT SINGH[EX]	20	16	80	Y	Internal	N	8929585815
2	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	MOHD SARFARAZ	20	12	60	N	Internal	N	8860627744
3	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	AARTI VERMA	20	16	80	Y	Internal	N	7303520467
4	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	ABDULLAH	20	18	90	Y	Internal	N	8809730817
5	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	AMBER SHAMSH	20	16	80	Y	Internal	N	9693625048
6	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	ANIL KUMAR	20	20	100	Y	Internal	N	9696289907
7	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	BASIT BASHIR WANI	20	16	80	Y	Internal	N	6005765110
8	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	DEV RAJ	20	14	70	Y	Internal	N	6387781627
9	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	DIVYANSH SINGH	20	12	60	N	Internal	N	9682537793
10	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	IRFAN AHMAD	20	16	80	Y	Internal	N	6398121218
11	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	MANISH KUMAR	20	20	100	Y	Internal	N	7004361119
12	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	PRAVEEN KUMAR SINGH	20	18	90	Y	Internal	N	9450235356
13	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	PRIYANSHU KUMAR SINGH	20	14	70	Y	Internal	N	8922847015
14	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	RAHUL SINGH	20	8	40	N	Internal	N	7081507271
15	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	RAJ KIRAN	20	18	90	Y	Internal	N	8102390765
16	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	RAINISH KUMAR MISHRA	20	10	50	N	Internal	N	7321995213
17	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SAGAR PASWAN	20	2	10	N	Internal	N	6392209369
18	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SHAFIA NAZIR	20	16	80	Y	Internal	N	9682664611
19	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SHAURYA PRATAP SINGH	20	18	90	Υ	Internal	N	8429778890
20	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SHREE PRAKASH	20	12	60	N	Internal	N	8292732869
21	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SHUBHAM PANDIT	20	20	100	Y	Internal	N	9973277085
22	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SUDHAKAR MISHRA	20	18	90	Y	Internal	N	7081960903
23	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	UJJWAL KUMAR	20	20	100	Y	Internal	N	6287173156
24	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	UPENDRA KUMAR	20	18	90	Y	Internal	N	6202418360
25	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	ABDUL MAIID	20	20	100	Y	Internal	N	7006364236
26	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	MADHAV DIXIT	20	20	100	Y	Internal	N	6396523909
27	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	PRATYUSH ANAND	20	18	90	Y	Internal	N	6200638351
28	CIVIL ENGINEERING	4	STAAD Pro	40	07-04-2021	26-06-2021	SHEETAL KUMARI	20	20	100	Y	Internal	N	8756210880



CIVIL ENGINEERING DEPTT. 4TH SEM

								SESS	ION: 202	0-2021												1
Sr. No.	Roll No	Name	Date 7-April	Date 10-April	Date 16-April	Date 21-April	Date 24- April	Date 1-May	Date 5-May	Date 8-May	Date 12-May	Date 19-May	Date 22-May	Date 26-May		Miles		200		36/		Date 26-June
1	1822200013	HARSHIT SINGH[EX]	P	P	P	P	A	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P
2	1822200019	MOHD SARFARAZ	A	A	Α	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P
3	1902220000001	AARTI VERMA	P	Р	P	P	P	P	A	Α	P	P	A	A	P	P	P	P	P	P	P	P
4	1902220000002	ABDULLAH	A	A	P	P	P	P	P	P	P	P	P	P	Р	Р	P	P	P	P	P	P
5	1902220000003	AMBER SHAMSH	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P	A	A	P	P	P
6	1902220000005	ANIL KUMAR	P	P	P	P	P	P	Р	P	P	P	P	P	P	P	P	P	P	P	P	-
7	1902220000006	BASIT BASHIR WANI	P	P	P	P	P	P	P	A	P	P	P	P	P	Р	P	A	A	P	P	A
8	1902220000007	DEV RAJ	P	Р	P	Р	A	P	Р	Р	Р	P	P	A	A	Α	P	A	P	P	A	P
9	1902220000008	DIVYANSH SINGH	A	A	P	P	P	A	P	A	A	P	P	P	P	P	P	P	A	A	A	P
10	1902220000010	IRFAN AHMAD	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-
11	1902220000011	MANISH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	1902220000013	PRAVEEN KUMAR SINGH	P	P	P	Р	P	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P
13	1902220000014	PRIYANSHU KUMAR SINGH	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A	A	A
14	1902220000015	RAHUL SINGH	A	A	A	A	A	A	A	Α	A	A	P	P	P	A	A	Р	Р.	P	P	P
15	1902220000016	RAJ KIRAN	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P
16	1902220000017	RAJNISH KUMAR MISHRA	P	P	A	A	A	A	A	Α	A	A	P	P	A	A	P	P	P	P	P	4
17	1902220000018	SAGAR PASWAN	A	A	A	A	A	A	A	A	A	A	A	A	A	P	P	A	A	A	A	A
18	1902220000019	SHAFIA NAZIR	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	A	A	P	P	P
19	1902220000020	SHAURYA PRATAP SINGH	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P
20	1902220000021	SHREE PRAKASH	P	P	A	A	A	A	A	A	A	A	P	P	P	P	P	P	P	-	P	P
21	1902220000022	SHUBHAM PANDIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	1902220000023	SUDHAKAR MISHRA	P	Р	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	1902220000024	UJJWAL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	1	
24	1902220000025	UPENDRA KUMAR	P	Р	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A
25	2002220009001	ABDUL MAJID	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	2002220009002	MADHAV DIXIT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	2002220009003	PRATYUSH ANAND	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
28	2002220009004	SHEETAL KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Sign



Department of Civil Engineering Marks Assessment sheet

Batch session

2019-23 2020-21

STAAD Pro Training

	Methodology		NOT THE PARTY	Scale		INCOME DIGHE
100	Course Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4(60-80%)	5(80-100%)
CO-1	Able to complete object- oriented instinctive 2D and 3D graphic model generation.	Not able to generate any model	Able to generate basic 2D model.	Able to generate object oriented instinctive 2D graphic model.	Able to generate basic 3D graphic model.	Able to generate object oriented instinctive 2D and 3D graphic model.
CO-2	know the use of simple command language and built-in command file editor.	Don't know the use of command language.	know very few command language	Know few commands and little knowledge of built in command file editor.	Know all commands and little knowledge of built in command file editor.	Know all the commands of simple command language and built in command file editor.
со-з	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation	Not able to perform plate & shell element	Able to perform plate and shell element but not accurate.	Able to perform plate and shell element accurate but not numerically efficient.	Able to perform plate and shell element accurate and numerically efficient incorporating out of plane shear & in plane rotation.	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & ir plane rotation; automatic elemen mesh generation
co-4	Design concrete beams, columns, slabs and footings as per all major Design Codes	Not able to design any structural element.	Able to design concrete beams and columns.	Able to design concrete beams, columns and slabs	Able to design concrete beams columns, slabs and footings as per IS code.	Able to design concrete beams, 'columns, slabs an footings as per all major Design Codes.

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	Course Outcome (COs)
CO-1	Able to complete object-oriented instinctive 2D and 3D graphic model generation.
CO-2	Know the use of simple command language and built-in command file editor.
CO-3	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation.
CO-4	Design concrete beams, columns, slabs and footings as per all major Design Codes.

S.No.	Roll No.	Name of the Students	Able to com oriented insti 3D graphic mod (CC	del generation.	command la built-in cor	se of simple anguage and mmand file .(CO2)	accura numerica plate & sh	perform ate and lly efficient ell elements (O3)	beams,co bs and fo per all Des	concrete lumns,sla sotings as major sign .(CO4)	Internal Marks
			1	0		0		10	1	10	
			Marks	Scale	Marks	Scale	Marks	Scale	Marks	Scale	50
1	1822200013	HARSHIT SINGH[EX]	8	5	18	5	7	4	8	5	41
2	1822200019	MOHD SARFARAZ	5	3	11	3	4	3	4	3	24
3	1902220000001	AARTI VERMA	8	5	19	5	7	4	6	4	40
4	1902220000002	ABDULLAH	8	5	15	4	9	5	6	4	38
5	1902220000003	AMBER SHAMSH	9	5	11	3	9	5	8	5	37
6	1902220000005	ANIL KUMAR	10	5	15	4	9	5	8	5 .	42
7	1902220000006	BASIT BASHIR WANI	10	5	19	5	7	4	8	5	44
8	1902220000007	DEV RAJ	9	5	19	5	9	5	9	5	46
9	1902220000008	DIVYANSH SINGH	7	4	0	1	7	4	8	5	22
10	1902220000010	IRFAN AHMAD	10	5	19	5	9	5	10	5	48
11	1902220000011	MANISH KUMAR	10	5	18	5	9	5	9	5	46
12	1902220000013	PRAVEEN KUMAR SINGH	9	5	19	5	7	4	7	4	42
13	1902220000014	PRIYANSHU KUMAR SINGH	8	5	18	5	7	4	7	4	40
14	1902220000015	RAHUL SINGH	5	3	9	3	3	2	4	3	21
15	1902220000016	RAJ KIRAN	10	5	17	5	7	4	8	5	42
16	1902220000017	RAJNISH KUMAR MISHRA	4	3	7	2	5	3	4	3	20
17	1902220000018	SAGAR PASWAN	2	2	10	3	2	2	4	3	18
18	1902220000019	SHAFIA NAZIR	8	5	15	4	7	4	8	5	38
19	1902220000020	SHAURYA PRATAP SINGH	10	5	13	4	9	5	8	5	40
20	1902220000021	SHREE PRAKASH	5	3	10	3	4	3	3	2	22
21	1902220000022	SHUBHAM PANDIT	8	5	18	5	7	4	9	5	42
22	1902220000023	SUDHAKAR MISHRA	8	5	15	4	9	5	8	5	40
23	1902220000024	UJJWAL KUMAR	9	5	14	4	9	5	6	4	38
24	1902220000025	UPENDRA KUMAR	9	5	13	4	9	5	6	4	37
25	2002220009001	ABDUL MAJID	8	5	16	5	8	5	8	5	40
26	2002220009002	MADHAV DIXIT	10	5	17	5	9	5	8	5	44
27	2002220009003	PRATYUSH ANAND	10	5	19	5	9	5	10	5	48
28	2002220009004	SHEETAL KUMARI	10	5	19	5	9	5	10	5	48

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Page 1

AUTOCAD TRAINING BROCHURE

SESSION: 2021-22

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Page 2

Topics

Major Topics	Topics to be covered							
Introduction	About Auto Cad , Hardware & Software	_						
	Mysotup	-						
General Concept	Co-Ordinate Object Selection							
	object Snap System							
	Line							
	X-lino							
	Arc							
	Point							
	Rectangle							
Drawing tools:	Circle							
Training tools.	Polyline							
	Polygone							
	Elips							
	Text							
	Mtext							
	ED							
	Erase							
	oops							
	move							
	Сору							
	Rotate							
	Scale							
	Stretch	-						
	Mirror	-						
Modify tools:	Array							
B: U	Change Point	10.00						
	Break	_						
	Lengthen							
	Trim							
	2000							
	Extend							
	fillet							
	Chamfer							
	Offset							
Practice Sheet	Practice Sheet-1-5							
Fractice Sneet	Practice Sheet-6-10 Practice Sheet-11-15							
	P-Edit							
	Explode							
Editing Tools:	Undo							
	Redo							
	Dist							
Inquiry Tools:	ID							
	Area , List							
	Layer							
	Line Type							
-	Line-Wt							
Properties:	Match Properties							
	Ltscale	-						
	Apply on Exercises (10 No)							
	Block							
	W-Block	92 10000						
Managing Contents:	Create & insert							
managing contents.	MDE -							
1 0	MDE -							
1 1	A HOME							

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Page 3

	Quick Linear	
	Aligned	
Dimensions:	COrdinate Baseline	
- Utor detendance of material policy and protection	Angular	
	Diameter	
	Radius	
	Multi leader apply on Exercises (10 No) Dim style	
	Dim Edit	
	Tolerances	
	Hatch	
	Hatch Edit	
Project Work	2-D Project Wrok Day1	
Project Work	2-D Project Wrok Day2	
Project Work	2-D Project Wrok Day3	
	Isoplane Left	
	Isoplane Top	
	Isoplane Right	
(9)	Practice Sheet 1-5(Isometrick Drafting)	
Isometric Drafting, Tracking	Tracking	
& Scripting	Introduction to Scripting	
•	Create Group	
	Draw Gear & Using Script	
	Draw Watch Using Script	
	Practice Sheet (04 Exercise)	
	3 D View's	
	Top View	
	Bottom View	
	Left View	
	Right View	
	Front View	
Introduction to 80	Back View	
Introduction to 3D	SW Isometric	-,
	SE Isometric	
	NE Isometric	
	NW Isometric .	
	WCS,UCS	
	Modeling (Box, Sphere,Cylinder,Cone,wedge,Torus)	
	Extrude	1
	Revolve	
Modeling	Intersect	
	Sweep	
	Loft	
	ayans.	

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JOSE Charing



Page 4

Buttiract
Union
Extrude Face
Color Face
Shell
Anterpact
Material Library
30 Movs
3d Protate
ID Acray
30 Mirror
3d Align
Sica
Model 1, Model 2, Model 3, Model 4
Model 5, Model 6, Model 12
Practice Sheet-2, Final Assessment AutoCAO
*
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TS Engineering College Greater Noida Dept. of Civil Engineering 1.T.S Engineering Collage Greater Noise



I.T.S ENGINEERING COLLEGE GREATER NOIDA

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Value Added Course Record (Internal Trainings)

.No.	Donne						IG FOR 3RD SEM CED ST	9	10	11				
	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes		Attendance	Training	12 Certificate	13	14
1	CIVIL ENGINEERING	3	AutoCAD					Held	Attended		picted	(Internal/	Certification Provided	
- 2	OWL ENGINEERING	3	AutoCAD	40	14-09-2021	25-01-2022	ABID ALI			20066	Successfully	External)		of Trainee
_3	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021			20	5	25	(Y/N)	E 20 00 00 00 00 00 00 00 00 00 00 00 00	(Y/N)	
4	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		ANKIT YADAV	20	20	100	N	Internal	N	6006083075
5	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		ANMOL GUPTA	20	4	20		Internal	N	7985307366
6	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021	25 4	HRITIK KUMAR	20	4	20	N N	Internal	N	9520754888
7	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		MADIYA FAYAZ	20	18	90	N	Internal	N	9102557664
8	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		MITHILESH YADAV	20	20	100	- '	Internal	N	9315255589
9	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		MD HAMMAD	20	18	90		Internal	N	7763088959
10	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021	-	PRIYANSHU SINGH	20	18	90	- '	Internal	N	8809678965
11	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		RAGHVENDRA SINGH	20	16	80	- Y	Internal	N	9648061353
12	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		VISHAL CHAUHAN	20	18	90	- Y	Internal	N	9729420419
13	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		ADITYA PRAKASH CHAUHAN	20	20	100		Internal	N	7464932125
14	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		ATIF BIN ZULFI	20	14	70		Internal	N	9667562964
15	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		DIVYANSH SINGH	20	16	80		Internal	N	9760807844
16	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		ARHAN ALI KHAN	20	18	90	-;-	Internal	N	9970142110
17	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021		SAURAV MAURYA	20	18	90		Internal	N	9519427523
18	CIVIL ENGINEERING	3	AutoCAD	40	14-09-2021	-	ULDEEP KR. VARUN	20	20	100	- ;	internal	N	8795975146
19	CIVIL ENGINEERING	3		40	14-09-2021		RAFULL KR. SINGH	20	4	20	N	Internal		9999562144
			AutoCAD	40	14-09-2021	35.00	AMAR REYAZ IVEK RAJ	20	18	90	- N	Internal		7903125611
						11022	IVEN RAJ	20	18	90	- ; - -	Internal		8800598528
								100				Internal		6204834200

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Dept. of Civil Engineering College

I.T.S Engineering College

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I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

			_				CIVIL	ENGINE! SESSI	ERING DE ON: 2021	EPTT. 3RD	SEM							0	_,	OII	eg	(e)
r. No. 1 2 3	Roll No 2002220000001 2002220000002 2002220000003	Name ABID ALI ANKIT YADAV	Date 14-Sept	Date 21-Sept	Date 28-Sept P	Р		Date 26-Oct	Date	Date	Date 16-Nov	23-Nav	Date 30- Nov		Date 14-Dec	Date 21-Dec	Date 28-Dec	Date 4-Jan	Date 11-Jan	Date 18-Jan	Date 24-Jan	Date 25-Ja
4	200222000004	ANMOL GUPTA HRITIK KUMAR	Р	P	P	P	P .	p	Ρ	Р	P	A P	A	A	Α	Α	Α	A	A	A	-	_
5	2002220000005	MADIYA FAYAZ	А	Α	P	P	P	_^	A	Α	A	A	A	Α	Р	Р	P	P	Р	P	A	A D
6	2002220000006	MITHILESH YADAV	Α	Р	Р	P	P	P	A	Α	A	Α	A	A	Α	A	_ A	A	Α	A	A	A
7	2002220000007	MD HAMMAD	P	Р	Р	P	P	P	P	P	P	Р	P	P	P	A	Α	Α	A	A	A	A
8	2002220000008	PRIYANSHU SINGH	P	Р	Р	Р	P	P	P	P	Р	P	P	P	P	P	Р	Р	Р	Α	P	P
0	20022200000009	RAGHVENDRA SINGH	P	P	Р	P	A	P	P	A	Р	Р	P	P	P	P	P	Р	P	P	P	P
-	2002220000010	VISHAL CHAUHAN	A	A	P	P	P	P	P	P	Р	Р	Р	P	P	P	P	P	Р	Р	P	A
-	2102220009001	ADITYA PRAKASH CHAUHAN	A	A	P	P	Р	P	P	-	P	P	Р	Р	P	P	P	P	P	P	P	A
-	2102220009002	ATIF BIN ZULFI	P	P	P	P	Р	P	P	P	P	P	Р	Р	P	P	-	P	P	A	A	P
	A CAPACITY OF THE PARTY OF THE	DIVYANSH SINGH	P	P	P	P	Р	Р	Р	P	D	P	Р	Р	P	P	P	P	P	P	Р	P
		FARHAN ALI KHAN	A	A	P	P	A	A	Р	P	P	P	P	Р	Р	Р	A	A	P	P	P	P
		GAURAV MAURYA	Р	P	P	A	P	Р	P	P	P	P	P	Р	Р	P	A	A	P	A	A	A
		KULDEEP KR. VARUN PRAFULL KR. SINGH	P	P	P	P	P	P	Р	Р	P	P	D	P	Р	Р	P	P	P	0	P	Р
	2102220009008	SAMAR REYAZ	Α	А	A	A	·	P	Р	Р	Р	Р	P	A	P	Р	P	P	P	P	-	P
		VIVEK RAJ	Р	Р	P	P	A	P	A	A	Α	Α	A	A	A	Р	P	P	P	P	-	P
			Р	Р	Р	P	P	P	P	P	Р	Р	P	P	P	P	P	P	ρ	A	A	A
								<u>. </u>	P	P	Α	Р	Р	P	P	P	P	Р	P	P	P	A
												- CASTA				-	r	A	P	P	P	P

Dept. of Civil Englacening I.T.S Engineering College Greater 11.

Director



Department of Civil Engineering Marks Assessment sheet

Batch 2020-24 session 2021-22

Sub: AutoCAD Training

	Course Outcome (COs)	1/0		Cont		
1	1003	1 (0-20%)	2 (20-40%)	Scale		
1			-	3 (40-60%)	4(60-80%)	5(80-100%)
co	Practicing AutoCAD tools used drafting and design of civil design and construction Industry.	in Does not use the tools available in AutoCAD.	Use of very few basic tools in AutoCAD and apply It in civil design and drawing.	Use of all basic tools in AutoCAD and apply it in civil design and drawing.	Use of high precision tools in AutoCAD and apply it in Civil design and drawing.	Use of high precision tools in AutoCAD and draft drawings according to Industry standards.
CO-2	Apply basic CAD concepts to develop and construct accurate 2D geometry.	Does not apply Basic CAD concepts in geometrical constructions.	Application of very few Basic CAD concepts in geometrical construction.	Application of few Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts in 2D geometrical construction with highest accuracy.
CO-3	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Architectural Drawings such as working plans, landscape, elevations, section, etc	There is no application of elements of drafting	Application of very few elements of drafting in projects	Architectural Drawings.	dimensions, etc. in	Application of all the elements of drafting such as layers, dimensions, etc. in all types of Architectural Drawings
0-4	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Structural Drawings such as layouts, engineering drawings, foundation plan, etc.	There is no application of elements of drafting	enteries of drarting in	tructural Drawings.	di Structural di	pplication of all the elements drafting such as layers, mensions, etc. in all types of ructural Drawings

ITS Engineering College Greater Noida

Dept. of Civil Er Consult I.T.S Engineering

CO-1	Course Outcome (COs) Apart Services and precision of various drafting and design tools utilised in AutoCAD.
CO-2	Apply basic tools and CAD concepts to develop and construct accurate 2D geometry.
CO-3	Apply elements of drafting such as layers, dimensions, drawing formats, and an Ex-
CO-4	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Architectural Drawings such as working plans, landscape, elevations, section, etc. Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Structural Drawings such as layouts, engineering drawings, foundation plan, etc.

o Roll No.		Name of the Students	drafting and design construction	oCAD tools used in gn of civil design and Industry.(CO1)	develop and con geome	and CAD concepts to istruct accurate 2D try.(CO2)	draftir cre Archi Drawii	elements of ng such in eating (tectural ngs (CO3)	drafting Structura (C	ements of in creating I Drawings O4)	Internal Marks
_			Marks	Scale	Marks	Scale	Marks	Scale	Marks	.0 Scale	50
1	2007220000001	ABID ALI	4	3				-5010/100 -501		Jeale	
2	2002220000002	ANKIT YADAV	9	5	4	2	2	2	2	2	12
3	2002220000003	ANMOL GUPTA	2	2	18	5	9	5	9	5	45
4	2002220000004	HRITIK KUMAR	4	3	5	2	2	2	2	2	11
5	2007220000005	MADIYA FAYAZ	9	5	77	2	2	2	4	3	17
6	2002220000006	MITHILESH YADAV	9		17	5	9	5	9	5	44
7	200/220000007	MD HAMMAD	8	5	20	5	10	5	9	5	48
8	2007220000008	PRIYANSHU SINGH	9	5	15	4	8	5	7	4	38
9	2007220000009	RAGHVENDRA SINGH	6	5	18	5	9	5	9	5	45
10	2007220000010	VISHAL CHAUHAN	9		17	5	7	4	7	4	37
11	210/220009001	ADITYA PRAKASH CHAUHAN	10	5	18	5	8	5	9	5	44
12	2102220009002	ATIF BIN ZULFI	8	5	19	5	10	5	9	5	48
13	210/220009003	DIVYANSH SINGH	8		19	5	8	5	7	4	42
14	210/220009004	FARHAN ALI KHAN	. 8	5	17	5	8	5	7	4	40
15	210/220009005	GAURAV MAURYA	10	5	17		. 8	5	8	5	41
16	210/220009006	KULDEEP KR VARUN	8	5	18	5	10	5	7	4	45
17	2107220009007	PRAFULL KR SINGH	2	2	17	5	8	5	8	5	41
18	210 220009008	SAMAR REYAZ	8	5	5	2	2	2	2	2	11
19	210 220009009	VIVE K RAJ	10	5	19	0 4	10	5 .	7	4	42

ITS Engineering College Greater Noida Dept Utvil En-



SESSION: 2021-22

STAAD Pro Software Training - Brochure

Objective:

STAAD is the abbreviation for Structural Analysis and Design. STAAD.Pro is one of the popular software that is used for analysing & designing structures like – buildings, towers, bridges, industrial, transportation and utility structures. Designs may include any building structures like tunnels, culverts, bridges, piles, petrochemical plants; and building materials like timber, concrete, steel, cold-formed steel, and aluminium.

STAAD or STAAD.Pro was developed by Research Engineers International at Yorba Linda, CA in 1997.

To get rid of the boring & time-consuming manual procedures Structural Engineers started using automated software STAAD.Pro

Course Overview:

STAAD.Pro® is one of the most widely-used software for developing and analyzing the designs of various structures, such as petrochemical plants, tunnels, bridges etc. STAAD.Pro® v8i, the latest version, allows civil engineering individuals to analyze structural designs in terms of factors like force, load, displacements etc. Multisoft Virtual Academy STAAD.Pro® v8i online training builds expertise in using the software at a professional level in domains, including construction companies, government agencies, architecture firms etc.

Participants are equipped with various software functionalities like model generation and editing; loading analysis; concrete designing etc. The STAAD.Pro® v8i software training also offers proficiency in using the seismology; report generation; and steel and foundation design features. After completing the STAAD.Pro® v8i training, individuals can work as Structure Designers. Project Managers, Building Analysts, Quality Analysts, Bridge, Designers etc.

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STAAD.Pro Software Capabilities:

- Analyse for time dependent effects
- · Check designs for cold-formed sections
- · Comply with seismic requirements
- · Create finite element meshes
- Design & analyse with finite element meshes, structural models
- · Design beams, columns, walls and resisting frames
- · Design to international design standards
- · Loads and load combinations
- · Integrate slab and foundation designs
- · Model reinforced concrete, steel
- Structural design documentation
- · Share structural models

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Why to learn?

STAAD.Pro provides flexible modeling environment, fluent data collaboration, and advanced features. It best structural analysis & design software that supports Indian as well as all international codes.

STAAD.Pro permits structural engineers to design & analyze any type of structure virtually. Structural consultants, structural engineering firms, departments in construction companies, government agencies, owner/operators, offshore platform designers, many more are extensively using this software.

Learning Objectives:

The course will cover all the steps involved in structural analysis & designing of concrete & steel.

This course will introduce one to STAAD Pro's state of the art user interface, prevailing analysis and design engines with a sophisticated finite element (FEM), visualization tools, and dynamic analysis capabilities.

Some of the features that we focus in training include:

Model Generation: Generation of an interactive menu-driven model with concurrent 3D display 2D & 3D graphics generation using rectangular or polar coordinate systems Segments of repetitive geometry used to generate complex structural models.

- Model Verification: 2D/3D drawings on screen and printer/plotter full 3D shapes for frames, elements Isometric or any rotations for full 3D viewing.
- Static Analysis: 2D/3D analysis on the basis of state-of-the-art Matrix method to handle extremely large work. Linear, non-linear, p-delta analysis with automatic load & stiffness correction.
- Dynamic/Seismic Analysis: Mass modelling, frequency, and mode shape Response spectrum extraction, analysis of time history Modal damping ratio for individual models.
- Secondary Analysis: Finite element capabilities, concrete design, steel design, and timber design. Forces & displacements at sections between nodes. Maximum & minimum force envelopes.

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Learning Outcome:

- Student will be able to complete object-oriented instinctive 2D/3D graphic model generation.
- Student will learn to use pull-down menus, tool-tip help, and floating toolbars.
- Student will be able for carrying out flexible zooms and multiple views.
- Student will know to make isometric & perspective views and 3D shapes.
- Student will know the use of simple command language and built-in command file editor.
- Student will learn how to generate graphics/text input.
- Student will be able to do efficient algorithm that will minimize disk space requirements.
- Student will learn to take presentation quality printer plots of geometry and results as part of the run output.
- Student will be able to perform accurate and numerically efficient plate/shell element
 incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation;
 comprehensive element stress output including in-plane stresses, out-of-plane shear, bending &
 principal stresses at nodal, as well as, user-specified points.
- Student will learn how to achieve user-specified design parameters to customize a design.
- Student will know to perform code check, member selection and optimized member selection consisting of analysis/design cycles.
- Student will be able to design concrete beams/columns/slabs/footings as per all major

Course Contents:

- Introduction to STAAD.Pro® V8i
- Model Generation and Editing
- Introduction to Loading
- Automatic Load Generation
- Concrete Design
- Seismology
- FEM / FEA
- Steel Design
- Report Generation
- Foundation Design

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Content Structure:

Chapter I	Introduction to STAAD.Pro@ V8i	3 hours
Chapter 2	Model Generation and Editing	3 hours
Chapter 3	Introduction to Londing	4 hours
Chapter 4	Automatic Load Generation	4 hours
Chapter 5	Concrete Design	6 hours
Chapter 6	Seismology	5 hours
Chapter 7	FEM / FEA	4 hours
Chapter 8	Steel Design	4 hours
Chapter 9	Report Generation	4 hours
Chapter 10	Foundation Design	3 hours

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Value Added Course Record (Internal Trainings)
STAAD Pro TRAINING FOR 4TH SEM CED STUDENTS

1		3	4	5	6	70 TRAININ	G FOR 4TH SEM CED ST	UDENT.	S 10	11		12	13	
.Nc.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendance	Training Completed Successfully	Certificate	Certification Provided	Contact number
- 1	CIVIL ENGINEERING	4	STAAD Pro	40	06-04-2022	10-06-2022	ABID ALI				(Y/N)	External)	(Y/N)	of Trainee
	OVIL ENGINEERING		STAAD Pro	40	06-04-2022	10-06-2022		20	16	80	Y	Internal	N	6006083075
31	CIVIL ENGINEERING	4	STAAD Pro	40	06-04-2022		ANKIT YADAV	20	18	90	Y	Internal	N	
	OWL ENGINEERING		STAAD Pro	1 40	06-04-2022	10-06-2022	ANMOL GUPTA	20	16	80	Y	Internal	N	7985307366
	CIVIL ENGINEERING		STAAD Pro	40	06-04-2022	10-06-2022	HRITIK KUMAR	20	10	50	N	Internal	N	9520754888
	CHILLING NEFF NG		STAAD Pro	40	06-04-2022	10-06-2022	MADIYA FAYAZ	20	18	90	Y	Internal	N	9102557664
7	OWLENGINEERING	4	STAAD Pro	40	06-04-2022	10-06-2022	MITHILESH YADAV	20	20	100	Y	Internal	N	9315255589
8	OVIL ENGINEERING	4	STAAD Pro	40	06-04-2022	10-05-2022	MD HAMMAD	20	16	80	Y	Internal		7763088959
9	CIVIL ENGINEERING	4	STAAD Pro	40		10-06-2022	PRIYANSHU SINGH	20	20	100	v	Internal	N	8809678965
0	CIVIL ENGINEERING	4	STAAD Pro	40	06-04-2022		RAGHVENDRA SINGH	20	18	90	·	A CONTRACTOR OF THE CONTRACTOR	N	9648061353
11 (DIVIL ENGINEERING	4	STAAD Pro	40	06-04-2022		VISHAL CHAUHAN	20	18	90	·	Internal	N	9729420419
	OVE ENGINEERING	4	STAAD Pro		06-04-2022	10-06-2022	ADITYA PRAKASH CHAUHAN	20	20	100	- 'v	Internal	N	7464932125
	DML ENGINEERING	4	STAAD Pro	40	06-04-2022	10-06-2022	ATIF BIN ZULFI	20	18	90	Y	Internal	N	9667562964
	TVIL ENGINEERING	4	STAAD Pro	40	06-04-2022	10-06-2022	DIVYANSH SINGH	20	16			Internal	N	9760807844
	TVIL ENGINEERING	2		40	06-04-2022	10-05-2022	FARHAN ALI KHAN	20	18	08	Υ	Internal	N	9970142110
			STAAD Pro	40	06-04-2022	10-06-2022	GAURAV MAURYA	20	20	90	Υ	Internal	N	9519427523
	OWIL ENGINEERING	4	STAAD Pro	40	06-04-2022		KULDEEP KR. VARUN	20		100	Y	Internal	N	8795975146
		4	STAAD Pro	40	06-04-2022		PRAFULL KR. SINGH		20	100	Υ	Internal	N	9999562144
	TWE ENGINEERING	4	STAAD Pro	40	06-04-2022		SAMAR REYAZ	20	2	10	N	Internal	N	7903125611
21 [OVIL ENGINEERING	4	STAAD Pro	40	06-04-2022		VIVEK RAJ	20	16	80	Y	Internal	N	8800598528
							TITCH ROU	20	18	90	Y	Internal	N	6204834200

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CIVIL ENGINEERING DEPTT. 4TH SEM

1 2002220000001 ABIDALII P P P P P P A P P P P P P P P P P P P								CIV	IL ENGIN	EERING I	DEPTT. 4T	H SEM										-6	
1 2002220000001 ABID ALI P P P P P A A P A P P P A P P P P P P	ir. No.		Name	100000000000000000000000000000000000000				20-	Date 22-	Date	Date					Date	Date	Date	Date	Date			Т
3 200222000003 ANMOLGUPTA P P P P P P P P P P P P P P P P P P	2	2002220000001	ABID ALI	P				April	_	April	130,000	222000	6-May	11-May	13-May	18-May	20-May	25-May	27-May	12/2/27/4	100000000000000000000000000000000000000		
4 2002220000003 HRITIK KUMAR A A P P P P P P P P P P P P P P P P P	3				Р	Р	P	P		P	-	(F)		-	Р	Р	A	P	P				
3 2002220000005 MADIYA FAYAZZ A P P P P P P P P P P P P P P P P P	4	2002220000004	HRITIK KUMAR	-	P			P	P	A	A	- 1	,	P	Р		Р	P	P	P		-	-
7 2002270000007 MD HAMMAD P P P P P P P P P P P P P P P P P P P	-		MADIYA FAYAZ	-						P	Р	P	-	A	P		P	P		Р	P	P	1
8	7			Р	P	P		1			F	-	Р	Р	A		P	A	-		Α		
3 2002220000009 RAGHVENDRA SINGH A A P P P P P P P P		2002220000008		-	-		Р	P	P	-	A		0.48		-	P	P	P	,	-	P		-
2002220009001 VISHAL CHAUHAN A P P A P P P P P P P P P P P P P P P	-		RAGHVENDRA SINGH	-	-	- 65	-			Р	P	,					Р	-	Α	A	P		Η;
12 2102220009002 ATIF BIN ZULFI P P P P P P P P P P P P P P P P P P P	_	2102220009001	VISHAL CHAUHAN	Α			A	-		-		F	Р	Р	P	-	P	-	-		-	P	F
13	_	2102220009002	ATIF BIN ZULEI	-1		Р	Р	P	-	F	-	-	3.0	Р	-	Р	P	,		-		1	-
2102220009004 FARHAN ALI KHAN P P P P P P P P P P P P P P P P P P P	_		DIVYANSH SINGH		-	0.00	-	Р	Р	P	Р	P	-	P		-	Р	Р	Р	P	P	r	
6 2102220009006 KULDEEP KR. VARUN P P P P P P P P P P P P P P P P P P P	_			Р	P	_		A	A	-	F	r	P	P	-	-		A	-	Р	Р	Р	P
7 2102220009007 PRAFULL KR. SINGH A A A A A A A A A A A A A A A A A A A	6		KULDEEP KR VARUM		-	Р	P	P		-		-			-	Р	A	-	100	A	A	,	_
S 2102220009008 SAMAR REYAZ P P P P P P P P P P P P P P P P P P P	_	2102220009007	PRAFULL KR. SINGH		P	P	P	-	Р	Р	P		F	-	-	P	-	-	Р	Р		-	
P P P P P P P P P P P P P P P P P P P	-	24020	SAMAR REYAZ VIVEK RAJ		P	P	P	-	A . p	A	A	A	Α	Α	A	A	-		P	P	Р	P	-
The second secon														Р	Р	P	P	Р	Р	P	P	A	P

Director



Department of Civil Engineering Marks Assessment sheet

Batch 2020-24 2021-22 session

Sub: STAAD Pro Training

	Course Outcome (COs)	1 (0-20%)		Scale		
	100.7	1 (0-20%)	2 (20-40%)	3 (40-60%)	4(50-80%)	5(80-100%)
CO-1	Able to complete object- oriented instinctive 2D and 3D graphic model generation.	Not able to generate any model	Able to generate basic 2D model.	Able to generate object oriented instructive 2D graphic model.	Able to generate basic 3D graphic model.	Able to generate object oriented instinctive 2D and 3D graphic model.
co-s	know the use of simple command language and built-in command file editor.	Don't know the use of command language.	know very few command language	Know few commands and little knowledge of built in command file editor.	Know all commands and little knowledge of built in command file editor.	Know all the commands of simple command language and built in comma file editor.
CO-3	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation	Not able to perform plate & shell element	Able to perform plate and shell element but not accurate.	accurate but not numerically efficient.	accurate and numerically efficient incorporating out of plane shear & in plane rotation.	Able to perform accurate and numerical efficient plate & shell element incorporating out-of-plane shear & inplane rotation; automatic element mes generation
CO-4	Design concrete ceams,columns,slabs and cotings as per all major Design codes			Able to design concrete beams, columns and slabs	slabs and footings as per IS code.	Able to design concrete beams, columinates and footings as per all major Design Codes.

0-1	Able to complete phiest series 1
	Able to complete object-oriented instinctive 2D and 3D graphic model generation.
0-2	Know the use of simple command language and built-in command file editor.
0-3	Able to perform accurate and numerically efficient plate 8 shall also as a significant plate 8 shall a
0-4	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation Design concrete beams, columns, slabs and footings as per all major Design Codes.

S.No.	Roll No.	Name of the Students	Able to object- instincti 3D grap generati	Know the use of simple command language and built-in command file editor.(CO2)		Able to perform accurate and numerically efficient plate & shell elements (CO3)		Design Codes.(CO4)		Interna Marks	
			W.					10		10	50
1	2002220000001		Marks	Scale	Marks	Scale	Marks	Scale	Marks	Scale	
2	2002220000001	ABID ALI	8	5	18	S	7				-
3		ANKIT YADAV	8	5	15	4		4	8	5	41
4	2002220000003	ANMOL GUPTA	8	5	19	5	7	4	7	4	37
5	2002220000004	HRITIK KUMAR	2	2	5	_	7	.4	6	4	40
6	2002220000005	MADIYA FAYAZ	9	5	11	2	2	2	2	2	11
7	2002220000006	MITHILESH YADAV	10	5	15	3	9	5	8	5	37
	2002220000007	MD HAMMAD	10	5		4	9	5	8	5	42
8	2002220000008	PRIYANSHU SINGH	9	5	19	5	7	4	8	5	44
9	2002220000009	RAGHVENDRA SINGH	7	4	19	5	9	5	9	5	46
10	2002220000010	VISHAL CHAUHAN	10	5	18	5	7	4	8	5	40
11	2102220009001	ADITYA PRAKASH CHAUHAN	10	5	19	5	9	5	10	5	48
12	2102220009002	ATIF BIN ZULFI	9	5	18	5	9	5	9	5	46
13	2102220009003	DIVYANSH SINGH	8	5	19	5	7	4	7	4	42
14	2102220009004	FARHAN ALI KHAN	8	5	18	5	7	4	7	4	40
15	2102220009005	GAURAV MAURYA	10		15	4	7	4	7	4	37
16	2102220009006	KULDEEP KR. VARUN	9	5	17	5	7	4	8	5	42
17	2102220009607	PRAFULL KR. SINGH	2	5	18	5	9	5	9	5	45
18	2102220009008	SAMAR REYAZ	8	2	10	3	2	2	4	3	18
19	2102220009009	VIVEK RAJ	10	5	15	4	7	4	8	5	38

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Page 1

AUTOCAD TRAINING BROCHURE

SESSION: 2022-23

H.O.D

Dept of Civil Engineering
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Page 2

Topics

Major Topics	Topics to be covered						
Introduction	About Auto Cad , Hardware & Software						
	Mvsetup						
General Concept	Co-Ordinate Object Selection						
	object Snap System						
	Line						
	X-line						
	Arc						
	Point						
	Rectangle						
Drawing tools;	Circle						
Clawing 10015.	Polyline						
	Polygone						
	Elips						
	Text						
	Mtext						
	ED						
	Erase						
	oops						
	move						
	Сору						
	Rotate						
	Scale						
	Stretch						
88- 426 . A 4 .	Mirror						
Modify tools:	Array						
	Change Point						
	Break						
	Lengthen						
	Trim						
	Extend						
	fillet						
	Chamfer						
	Offset						
	Practice Sheet-1-5						
Practice Sheet	Practice Sheet-6-10						
	Practice Sheet-11-15						
	P-Edit						
	Explode						
Editing Tools:	Undo						
	Redo						
	Dist						
Inquiry Tools:	(D						
	Area , List						
	Layer						
	Line Type						
	Line-Wt						
Properties:	Match Properties						
	Ltscale						
	Apply on Exercises (‡0 No)						
	Block						
e -	W-Block						
Managing Contents:							
muneging contents.	Create & insert						
	ADC Quant						

TS Engineering College Greater Noida 27 Dept of Civil Engineering College IT.S Engineering College Greater North



Page 3

	Quick Linear Aligned
Dimensions:	COrdinate Baseline
	Angular
	Diameter
	Radius
	Multi leader apply on Exercises (10 No) Dim style Dim Edit
	Tolerances Hatch
Project Work	Hatch Edit
Project Work	2-D Project Wrok Day1
Project Work	2-D Project Wrok Day2
	2-D Project Wrok Day3
	Isoplane Left
	Isoplane Top
	Isoplane Right
Isometric Drafting, Tracking	Practice Sheet 1-5(Isometrick Drafting)
& Scripting	Tracking
& Senpting	Introduction to Scripting
	Create Group
	Draw Gear & Using Script
	Draw Watch Using Script
	Practice Sheet (04 Exercise)
	3 D View's
	Top View
	Bottom View
	Left View
	Right View
	Front View
Introduction to 3D	Back View
The second of th	SW Isometric
	SE Isometric
	NE Isometric
	NW Isometric
	WCS,UCS
	Modeling (Box, Sphere,Cylinder,Cone,wedge,Torus)
	Extrude
	Revolve
Modeling	Intersect
	Sweep
	Loft
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Page 4

	Subtract	
	Union	-
	Extrude Face	
Solid Editing	Color Face	_
	Shell	-
	Intersect	-
	Material Library	-
	3D Move	_
	3d Rotate	_
3D Operation	3D Array	
vo operation	3D Mirror	
	3d Align	_
	Slice	
Exercises on 3d Solid Modeling	Model 1, Model 2, Model 3, Model 4	
Exercises on 3d	Model 5, Model 6, Model 12	
Practice Sheet-1		
Practice Sheet-2, Final Assesment	Practice Sheet-2, Final Assesment AutoCAD	
	· · · · · · · · · · · · · · · · · · ·	
	Denyons.	

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Value Added Course Record (Internal Trainings) ALITOCAD TRAINING FOR SED CENA CO

1	2	3	4	5	AU1	OCAD IRAININ	IG FOR 3RD SEM CED ST	UDENT:	;					
S.No.	Daniel			Tatalii		T	8	9	10	11		12	13	14
0.110,	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendanc e	Training Completed	Certificate (Internal/	Certification	Contact
1	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023				%age	Successfully (Y/N)	External}	(Y/N)	of Trainee
3	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	ANKIT KUMAR	20	18	90	V V	Inc.		
3	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		ARJUN SHARMA	20	20	100	V	Internal	N	7352082518
4	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		ARYA VEER	20	16	80	Y	Internal	N	8491914755
- 5	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		DEVANSH KUMAR	20	20	100	V	Internal	N	9412114351
0	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		DEVANSHU	20	18	90		Internal	N	8957117068
-/-	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		KUNDAN KUMAR	2.0	20	100	- T	Internal	N	8709725230
8	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		PIYUSH SHARMA	20	18	90	T V	Internal	M	7903898099
9	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		PRATYAKSH SACHAN	2.0	18	90	Y	Internal	N	7006384339
10	CIVIL ENGINEERING	3	AutoCAD	40			RITIK RAJ	20	16	80	Y	Internal	N	9696003650
11	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	RONALDROSS CHONGROJU	20	10	50		Internal	N	7004124543
12	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	SENITIYANGER LONGKUMER	20	4	20	N	Internal	N	9862063453
13	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	SHYAM MUKHIYA	20	14		N	Internal	N	9863419150
14	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	DEVENDRA PRATAP YADAV	20	16	70	Υ	Internal	N	9717762758
15	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	DINESH KUMAR	20	18	80	Y	Internal	N	7409583654
16	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023	DUSHYANT SHARMA	20	18	90	Y	Internal	N	7070489545
17	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		IMANSHU	20	20	90	Y	Internal	N	9997666491
18	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023 K	APIL KUMAR GAUTAM	20	18	100	Y	Internal	N	9711841438
19	CIVIL ENGINEERING	3	AutoCAD		13-09-2022		UMARI DEEPA	20	18	90	Y	Internal	N	7982937293
20	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022	24-01-2023 N	IKHIL KUMAR SHAKYA	20	18	90	Y	internal	N	7084858967
22	CIVIL ENGINEERING	3	AutoCAD	40	13-09-2022		OAF ISHAQ WANI	20	18	90	Y	Internal	N	7065131339
22	CIVIL ENGINEERING	3.	AutoCAD	40	13-09-2022		ANNU DEVI	20		90	Y	Internal	Ň	6006149326
		7	AGIOCAD	40	13-09-2022	24-01-2023 U	DAY PRATAP	20	18	90	Y	internal	N	8396952485
								20	18	90	Υ	Internal	N	8574564157



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CIVIL ENGINEERING DEPTY, 3RD SEM

									ON: 2021	L-2022												
Sr. No.	Roll No 2102220000002	Name	Date 13-Sept	Date 20-Sept	Date 27-Sept	Date 4- Oct	2010	Date 25-Oct	Date	Date 8-Nov	Date 15-Nov	Date 22-Nov	Date 29	Date 6-Dec	Date 13-Dec	Date 20-Dec	Date 27-Dec	Date 3-Jan	Date 10-Jan	Date 17-Jan	Date	Date
2	2102220000002	ANKIT KUMAR	A	P	P	Р	p	P	D	Р								0 24(1	*A-3011	17-Jan	23-Jan	24-18
3		ARJUN SHARMA	P	Р	р	Р	P	P	D D	P	Р	Р	P	P	P	P	Р	P	P		0	-
4	2102220000004	ARYA VEER	A	Α	ρ	Р	P	P	P D		P	Р	Ъ	P	Р	Р	P	p	D	A	P	P
5	2102220000005	DEVANSH KUMAR	Р	₽	Р	Р	Đ	P	0	Р	P	P	Р	Р	Р	Р	р	P	D	P	F	P
6	2102220000006	DEVANSHU	A	þ	Р	P	P	P D	P	Р	Р	P	Р	Р	Р	Р	Р	P	D D	A	A	P
7	2102220000008	KUNDAN KUMAR	P	P	Р	р	р	p	P	P	Р	Р	Р	Р	P	P	ρ	P	D	Α	P	P
8	2102220000010	PIYUSH SHARMA	P	P	Р	P	P	D	P	Þ	Р	Р	Ъ	Р	Р	P	P	D	D	A	P	Р
9	2102220000011	PRATYAKSH SACHAN	Р	Р	Р	р	A	D	P	A	Р	Р	P	P	P	Р	Р	D	D	P	Р	Р
10	2102220000012	RITIK RAJ	A	A	Р	P	0	p p	P	Р	Р	Ъ	P	Р	p	P	Р	P	P	P	Р	A
11	2102220000013	RONALDROSS CHONGROJU	A	A	P	D	P	D	P	þ	Р	Ρ	9	P	Р	P	P	D	P		P	A
-	2102220000014	SENITIYANGER LONGKUMER	P	P	P	0	A		-	Р	ρ	P	Р	Ð	A	A	A	A	-	A	A	Р
12	2102220000016	SHYAM MUKHIYA	P	P	Р	D	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13	2202220009001	DEVENDRA PRATAP YADAV	P	P	P	D	-	-	P	b	Р	-B	P	Р	Р	P	A	^	A	A	A	A
14	2202220009002	DINESH KUMAR	A	A	D	P	A	A	P	Þ	Р	P	ρ	P	Р	P	A	A	A	A	A	A
15	2202220009003	DUSHYANT SHARMA	P	P	P	A	P	P	P	P	Р	Р	P	Р	Р	Р	P	0	P D	P	Р	Р
16	2202220009004	HIMANSHU	P	P	P	P	0	P	P	Р	Р	P	Р	A	Р	P	P	P	P	0	Р	Р
17	2202220009005	KAPIL KUMAR GAUTAM	A	A	P	P	D	P	P	P	Р	Р	Р	Р	P	P	P	P	P	P	Р	Р
18	2202220009006	KUMARI DEEPA	P	P	P	P	^	P	P	Р	Ъ	Р	Þ	P	Р	P	P	P	D	P	P	Р
19	2202220009007	NIKHIL KUMAR SHAKYA	P	P	P	D	D	D	P	₽	P	Р	Р	P	Р	P	P	P	D	0		Р
20	2202220009008	ROAF ISHAQ WANI	A	A	P	D	P D	0	_	Р	A	Р	P	P	Р	P	P	Δ	P	Đ	P	A
21	2202220009009	TANNU DEVI	Р	P	P	P	P	9	P	Р	P	Р	Р	P	Р	P	P	P	D	D	P	Р
22	2202220009010	UDAY PRATAP	Р	P	Р	D	0	0	P	P	P	P	P	Р	Р	P	P	P	A	P	P	Ъ
							Г	P	P	P	P	_ P	P	р	Р	Ь		-	M .	A	P	Р



Department of Civil Engineering Marks Assessment sheet

Batch 2021-25 session 2022-23

Sub: AutoCAD Training

	Methodology		1	Scale							
	Course Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4(60-80%)	5(80-100%)					
CO-1	Practicing AutoCAD tools used in drafting and design of civil design and construction industry.	Does not use the tools available in AutoCAD.	Use of very few basic tools in AutoCAD and apply it in civil design and drawing.	Use of all basic tools in AutoCAD and apply it in civil design and drawing.	Use of high precision tools in AutoCAD and apply it in Civil design and drawing.	Use of high precision tools in AutoCAD and draft drawings according to Industry standards					
CO-2	develop and construct accurate	concepts in geometrical	Application of very few Basic CAD concepts in geometrical construction.	Application of few Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts but geometrical constructions are not accurate.	Application of all Basic CAD concepts in 2D geometrical construction with highest accuracy.					
			of drafting in projects	Application of all the major elements of drafting in Architectural Drawings.	Application of all the elements of drafting such as layers, dimensions, etc. In Architectural Drawings.	Application of all the elements of drafting such as layers, dimensions, etc. in all types of Architectural Drawings					
0-4			of drafting in projects	elements of drafting in Structural Drawings.	drafting such as layers, dimensions, etc. in Structural	Application of all the elements of drafting such as layers, dimensions, etc. in all types of Structural Drawings					

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	Course Outcome (COs)
CO-1	Knowledge of power and precision of various drafting and design tools utilised in AutoCAD.
	Apply basic tools and CAD concepts to develop and construct accurate 2D geometry.
CO-3	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Architectural Drawings such as working plans, landscape, elevations section, etc.
CO-4	Apply elements of drafting such as layers, dimensions, drawing formats, and 2D figures in creating Structural Drawings such as layouts, engineering drawings, foundation, etc.,

S.No.	Roll No.	Name of the Students	tools drafting of civil c const	ng AutoCAD used in and design design and truction ry.(CO1)	and CAD deve constru	basic tools concepts to clop and ct accurate netry.(CO2)	draftin cre Archi	lements of ig such in rating tectural igs (CO3)	drafting Structura	lements of in creating il Drawings (04)	internal Marks
				10		20	-	LO			
			Marks	Scale	Marks	Scale	Marks	Scale	Marks	.0 Scale	50
2	2102220000002	ANKIT KUMAR	9	5	17	5	9				
3	2102220000003	ARJUN SHARMA	9	5	18	5		5	9	5	44
	2102220000004	ARYA VEER	8	5	15	4	9	5	9	5	45
4	2102220000005	DEVANSH KUMAR	9	5	18		8	S	7	4	38
5	2102220000006	DEVANSHU	9	5		5	9	5	9	5	45
6	2102220000008	KUNDAN KUMAR	9	5	17	5	9	5	9	5	44
7	2102220000010	PIYU5H SHARMA	8		20	. 5	10	5	9	5	48
8	2102220000011	PRATYAKSH SACHAN	9	5	15	4	8	5	7	4	38
9	2102220000012	RITIK RAJ		5	1,8	5	9	5	9	S	45
10	2102220000013	RONALDROSS CHONGROJU	6 2	4	17	5	7	4	7	4	37
11	2102220000014	SENITIYANGER LONGKUMER	4	2	5	2	2	2	2	2	1.1
12	2102220000016	SHYAM MUKHIYA	_	3	4	2	2	2	2	2	12
13	2202220009001	DEVENDRA PRATAP YADAV	8	8	19	w 5	8	5	7	4	42
14	2202220009002	DINESH KUMAR	8	5	17	5	8	5	7	4	40
15	2202220009003	DUSHYANT SHARMA	8	5	17	5	8	5	8	5	41
16	2202220009004 .	HIMANSHU	10	5	18	5	10	5	7	4	45
17	2202220009005	KAPIL KUMAR GAUTAM	8	5	17	5 -	8	5	8	5	41
18	2202220009006	KUMARI DEEPA	10	5	18	5	10	5	7	4	45
19	2202220009007	NIKHIL KUMAR SHAKYA	8	5	19	5	8	5	7	4	42
20	2202220009008	ROAF ISHAQ WANI	10	5	15	4	10	5	9	5	44
21	2202220009009	TANNU DEVI	10	5	19	5	8	5	7	4	42
22	2202220009010	UDAY PRATAP	5	5 4	19	5	10	5	9	5	48

PALC: CIVILEN ATS

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SESSION: 2022-23

STAAD Pro Software Training - Brochure

Objective:

STAAD is the abbreviation for Structural Analysis and Design. STAAD.Pro is one of the popular software that is used for analysing & designing structures like - buildings, towers, bridges, industrial, transportation and utility structures. Designs may include any building structures like tunnels, culverts, bridges, piles, petrochemical plants; and building materials like timber, concrete, steel, cold-formed steel, and aluminium.

STAAD or STAAD.Pro was developed by Research Engineers International at Yorba Linda, CA

To get rid of the boring & time-consuming manual procedures Structural Engineers started using

Course Overview:

STAAD.Pro® is one of the most widely-used software for developing and analyzing the designs of various structures, such as petrochemical plants, tunnels, bridges etc. STAAD.Pro® v8i, the latest version, allows civil engineering individuals to analyze structural designs in terms of factors like force, load, displacements etc. Multisoft Virtual Academy STAAD.Pro® v8i online training builds expertise in using the software at a professional level in domains, including construction companies, government agencies, architecture firms etc.

Participants are equipped with various software functionalities like model generation and editing; loading analysis; concrete designing etc. The STAAD.Pro® v8i software training also offers proficiency in using the seismology; report generation; and steel and foundation design features. After completing the STAAD.Pro® v8i training, individuals can work as Structure Designers, Project Managers, Building Analysts, Quality Analysts, Bridge, Designers etc.



STAAD.Pro Software Capabilities:

- Analyse for time dependent effects
- Check designs for cold-formed sections
- Comply with seismic requirements
- Create finite element meshes
- Design & analyse with finite element meshes, structural models
- Design beams, columns, walls and resisting frames
- Design to international design standards
- Loads and load combinations
- Integrate slab and foundation designs
- Model reinforced concrete, steel
- Structural design documentation
- Share structural models

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Why to learn?

STAAD.Pro provides flexible modeling environment, fluent data collaboration, and advanced features. It best structural analysis & design software that supports Indian as well as all international codes.

STAAD.Pro permits structural engineers to design & analyze any type of structure virtually. Structural consultants, structural engineering firms, departments in construction companies, government agencies, owner/operators, offshore platform designers, many more are extensively using this software.

Learning Objectives:

The course will cover all the steps involved in structural analysis & designing of concrete & steel.

This course will introduce one to STAAD Pro's state of the art user interface, prevailing analysis and design engines with a sophisticated finite element (FEM), visualization tools, and dynamic analysis capabilities.

Some of the features that we focus in training include:

Model Generation: Generation of an interactive menu-driven model with concurrent 3D display 2D & 3D graphics generation using rectangular or polar coordinate systems Segments of repetitive geometry used to generate complex structural models.

- Model Verification: 2D/3D drawings on screen and printer/plotter full 3D shapes for frames, elements Isometric or any rotations for full 3D viewing.
- Static Analysis: 2D/3D analysis on the basis of state-of-the-art Matrix method to handle extremely large work. Linear, non-linear, p-delta analysis with automatic load & stiffness correction.
- Dynamic/Seismic Analysis: Mass modelling, frequency, and mode shape Response spectrum extraction, analysis of time history Modal damping ratio for individual models.
- Secondary Analysis: Finite element capabilities, concrete design, steel design, and timber design. Forces & displacements at settions between nodes. Maximum & minimum force envelopes.

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Learning Outcome:

- Student will be able to complete object-oriented instinctive 2D/3D graphic model generation.
- Student will learn to use pull-down menus, tool-tip help, and floating toolbars.
- Student will be able for carrying out flexible zooms and multiple views.
- Student will know to make isometric & perspective views and 3D shapes.
- Student will know the use of simple command language and built-in command file editor.
- Student will learn how to generate graphics/text input.
- Student will be able to do efficient algorithm that will minimize disk space requirements.
- Student will learn to take presentation quality printer plots of geometry and results as part of the
- Student will be able to perform accurate and numerically efficient plate/shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation; comprehensive element stress output including in-plane stresses, out-of-plane shear, bending & principal stresses at nodal, as well as, user-specified points.
- Student will learn how to achieve user-specified design parameters to customize a design.
- Student will know to perform code check, member selection and optimized member selection
- Student will be able to design concrete beams/columns/slabs/footings as per all major

Course Contents:

- Introduction to STAAD.Pro® V8i
- Model Generation and Editing
- Introduction to Loading
- Automatic Load Generation
- Concrete Design
- Seismology
- FEM / FEA
- Steel Design
- Report Generation
- Foundation Design



Content Structure:

Chapter 1	Introduction to STAAD.Pro® V8i	3 hours
Chapter 2	Model Generation and Editing	3 hours
Chapter 3	Introduction to Loading	4 hours
Chapter 4	Automatic Load Generation	4 hours
Chapter 5	Concrete Design	6 hours
Chapter 6	Seismology	5 hours
Chapter 7	FEM / FEA	4 hours
Chapter 8	Steel Design	4 hours
Chapter 9	Report Generation	4 hours
Chapter 10	Foundation Design	3 hours

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Value Added Course Record (Internal Trainings)
STAAD Pro TRAINING FOR 4TH SEM CED STUDENTS

					6		8	9	10	11		12	13	14
S.No.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully	Certificate (Internal/	Certification Provided	Contact numbe
1	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	AAUVIT Mass as 6				(Y/N)	External)	{Y/N}	or mannes
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	ANKIT KUMAR	20	.16	80	Υ	Internal	N	7352082518
3	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	ARJUN SHARMA	20	18	90	Y	Internal	N	8491914755
4	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	ARYA VEER	20	16	80	Y	Internal	N	
5	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	DEVANSH KUMAR	20	20	100	У	Internal	N	9412114351 8957117068
6	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	DEVANSHU	20	18	90	Υ	Internal	N	
-7	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	KUNDAN KUMAR	20	20	100	Y	Internal	N	8709725230 7903898099
8	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	PIYUSH SHARMA	20	16	80	γ	Internal	N	7006384339
9	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	PRATYAKSH SACHAN	20	20	100	Y	Internal	N	9696003650
10	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	RITIK RAJ	20	18	90	Υ	Internal	N	7004124543
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	RONALDROSS CHONGROJU	20	18	90	Y	Internal	N	9862063453
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	SENITIYANGER LONGKUMER	20	2	10	N	Internal	N	9863419150
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		SHYAM MUKHIYA	20	18	90	Y	Internal	N	9717762758
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	DEVENDRA PRATAP YADAV	20	16	80	Υ	Internal	N	7409583654
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		DINESH KUMAR	20	18	90	Y	Internal	N	7070489545
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	DUSHYANT SHARMA	20	20	100	Y	internal	N	9997666491
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		HIMANSHU	20	20	100	Y	Internal	N	9711841438
_	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	KAPIL KUMAR GAUTAM	20	20	100	Υ	Internal	N	7982937293
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		KUMARI DEEPA	20	16	80	Y	Internal	N	7084858967
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		NIKHIL KUMAR SHAKYA	20	18	90	Υ	Internal	N	7065131339
	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023	23-08-2023	ROAF ISHAQ WANI	20	18	90	Y	Internal	N	6006149326
2	CIVIL ENGINEERING	4	STAAD Pro	40	12-04-2023		TANNU DEVI	20	18	90	Y	Internal	N	8396952485
						23-00-2023	UDAY PRATAP	2.0	20	100	Y	Internal	N	8574564157

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I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

CIVIL ENGINEERING DEPTY, 4TH SEM

SESSION: 2021.2022

		I		1				SESS	ION: 202	1-2022												
Sr. No,	Roll No	Name	Date 12-April	Date 19-April	Date 26-April	Date 3-May	Date 10-May	Date 17-May	Date 24-May	Date 31-May	Date 7-June	Date 14-June	Date 21-June	Date 28-June	Date 5-July	Date 12-July	Date 19-July	Date 26-July	Date 2-Aug	Date 9-Aug	Date 16-Aug	Date 23-Au
1	2102220000002	ANKIT KUMAR	Þ	Р	Р	P	A	D	A	0	P									- 1105	zo nag	Z3-AU
2	2102220000003	ARJUN SHARMA	A	P	P	Р	P	D	P	D	-	A	Р	P	Р	Λ	Р	Р	Р	Р	Р	P
3	2102220000004	ARYA VEER	Р	Р	Р	P	P	P		-	Р	Р	þ	P	P	ħ	Р	А	Р	Р	Р	P
4	2102220000005	DEVANSH KUMAR	Р	Р	P	D	Ď	D	A	A	P	Р	A	А	P	Р	Р	Р	Р	Р	Р	D
5	2102220000006	DEVANSHU	A	P	P	D	D	P D	P	,	Р	P	Р	Р	Р	Р	Р	Р	Р	P	P	P
6	2102220000008	KUNDAN KUMAR	Р	Р	P	D	D	Ρ 0	9	Р	Р	P	Р	A	P	Р	Р	P	Р	P	P	Р
7	2102220000010	PIYUSH SHARMA	P	9	P	D	0	P		Р	Р	Р	P	Р	P	P	Р	P	P	p	P	D
8	2102220000011	PRATYAKSH SACHAN	Р	p	D	P	0	P	Р	A	P	Р	Ъ	Р	þ	Р	Р	A	Α	P	D	A
9	2102220000012	RITIK RAJ	A	A	P	D	P	P	P	Р	P	P	Р	Р	Р	Р	Р	Р	Р	D	D	P
10	2102220000013	RONALDROSS CHONGROJU	A	P	D	A	P	P	Р	Р	₽	ρ	₽	P	Р	Р	Р	Р	Р	Р	P	P
11	2102220000014	SENITIYANGER LONGKUMER	P	P	A		P	ρ	Р	Р	P	P	P	Р	P	Р	Р	Р	P	P	P	D
12	2102220000016	SHYAM MUKHIYA	P	P	D	A	A	A	A	A	A	A	А	A	A	A	A	A	- A	A	A	A
13	2202220009001	DEVENDRA PRATAP YADAV	P	D	Р	D	P	Р	Р	Р	Р	P	P	Р	Р	A	A	Р	Р	P	P	D
14		DINESH KUMAR	Р	P	D	P	A D	A	P	P	Р	P	P	Р	Р	Р	Р	P	A	A	P	D
15	2202220009003	DUSHYANT SHARMA	P	p	P	D	P	P	Р	P	Р	Р	Р	Р	Р	A	A	P	P	P	P	p
16	2202220009004	HIMANSHU	Р	P	D	P	P	P	P	Р	Р	Р	P	P	Ь	Р	Р	Р	Р	Р	P	9
17	2202220009005	KAPIL KUMAR GAUTAM	P	Р	P	P	P	P	P	Р	Ъ	Ъ	Р	P	P	Р	Р	Р	Р	Р	P	P
18	Annanaaaaaa	KUMARI DEEPA	P	D	P	P	P	-	Р	P	Р	Р	Р	P	P	Р	P	Р	P	P	Р	D
19	2202220009007	NIKHIL KUMAR SHAKYA	P	D	P	P	A	P	P	Р	Р	P	P	P	P	Р	A	A	A	Р	P	P
20		ROAF ISHAQ WANI	P	p	P	D	P		Р	P	A	Р	Ρ	P	P	Р	P	ρ	P	Р	A	P
21		TANNU DEVI	p	P	P	D	A D	P	l ₂	P	Р	Р	Р	Р	Р	Р	A	Р	P	Р	P	P
22	2202220009010	UDAY PRATAP	Р	P	D	P	P	Р	Р	P	A	p	þ	Р	Р	P	Р	Р	Р	P	A	Р
					F	Р	P	P	Р	Р	P	P	P	P	Р	P	P	Р	Р	P	D	P

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I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

Department of Civil Engineering Marks Assessment sheet

Batch

2021-25

session 2022-23

Sub; STAAD Pro Training

	Course Outcome (COs)	1 (0-20%)		Scale		
		1 (0-20%)	2 (20-40%)	3 (40-60%)	4(60-80%)	F(00 - +
CO-1	Able to complete object- oriented instinctive 2D and 3D graphic model generation.	Not able to generate any model	Able to generate basic 2D model,	Able to generate object oriented instluctive 2D graphic model.	Able to generate basic 3D graphic model.	5{80-100%} Able to generate object oriented instinctive 2D and 3D graphic model.
CO-2	know the use of simple command language and built-in command file editor.	Don't know the use of command language.	know very few command language	Know few commands and little knowledge of built in command file editor.	Know all commands and little knowledge of built in command file editor.	Know all the commands of simple command language and built in committle editor.
CO-3	Able to perform accurate and numerically afficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation	Not able to perform plate & shell element	Abte to perform plate and shell element but not accurate.	Able to perform plate and shell element accurate but not numerically efficient.	accurate and numerically efficient incorporating out of plane shear & in plane rotation.	Able to perform accurate and numerical efficient plate & shell element incorporating out-of-plane shear & inplane rotation; automatic element mesh generation
0-4 b	Design concrete peams,columns,slabs and octings as per all major Design Codes		ible to design concrete beams and olumns.	Able to dosign concrete seams, columns and slabs.	habs and footings as per IS code.	the to design concrete beams, columns tabs and footings as per all major Design odes,

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	Course Outcome (COs)
CO-1	Able to complete object-oriented instinctive 2D and 3D graphic model generation.
CO-2	Xnow the use of simple command language and built-in command file editor.
CO-3	Able to perform accurate and numerically efficient plate & shell element incorporating out-of-plane shear & in-plane rotation; automatic element mosh generation.
CO-4	Design concrete beams, columns, slabs and footings as per all major Design Codes.

S.No.	Roll No.	Name of the Students	object- instincti 3D grap	complete oriented we 2D and hic model on. (CO1)	simple of language in comm	he use of command and built- mand file r.(CO2)	numeric plate & s	o perform trate and ally efficient hell elements CO3)	beams,o bs and i per a De	concrete columns,sta footings as If major esign ss.(CC4)	
			1	Û	2	10		10		10	
			Marks	Scale	Marks	Scale	Marks	Scale	Marks	Scale	50
1	2102220000002	ANKIT KUMAR	9	5	17	5	9	-			
3	2102220000003	ARJUN SHARMA	9	5	18	S	9	5	9	5	44
4	2102220000004	ARYA VEER	8	5	15	4	8	5	7	5	45
_	2102220000005	DEVANSH KUMAR	9	5	18	5	9	5		4	38
5	2102220000006	DEVANSHU	9	5	17	5	9	5	9	- 5	45
6	21022200000008	KUNDAN KUMAR	9	5	20	5	10		9	5	44
7	2102220000010	PIYUSH SHARMA	8	5	15	4	8	5	9	5	48
8	2102220000011	PRATYAKSH SACHAN	9	5	18	5	9	5	7	4	38
9	2102220000012	RITIK RAJ	6	4	17	5	7	5	9	5	45
10	2102220000013	RONALDROSS CHONGROJU	8	5	16	5	8	4	7	4	37
11	2102220000014	SENITIYANGER LONGKUMER	4	3	4	2	2	5	8	5	40
12	2102220000016	SHYAM MUKHIYA	8	5	19	5	8	2	2	2	12
13	2202220009001	DEVENDRA PRATAP YADAV	8	5	17	5		5	7	4	42
14	2202220009002	DINESH KUMAR	8	5	17	5	8	5	7	4	40
15	2202220009003	DUSHYANT SHARMA	10	5	18	9	8	5	8	5	41
16	2202220009004	HIMANSHU	8	5	17	5	10	5	7	4	45
17	2202220009005	KAPIL KUMAR GAUTAM	10	5	18	5	8	S	8	5	41
18	2202220009006	KUMARI DEEPA	. 8	5	19	5	10	5	7	4	45
19	2202220009007	NIKHIL KUMAR SHAKYA	10	5	15	4		5	7	4 *	42
20	2202220009008	ROAF ISHAQ WANI	8	5	19		10	5	9	5	44
21	2202220009009	TANNU DEVI	10	5		5	8	Š	7	4	42
22	2202220009010	UDAY PRATAP	10	2	19	5	10	5	9	5	48

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ITS ENGINEERING COLLEGE, GREATER NOIDA Value Added Course Record (Internal Trainings)

	,	3	4	5	6	7	8	9	10	11		12	13	14	15	16	17
S.No.	Department	SEM	Training Name		Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)	Certificate (Internal/ External)	Certification Status (Y/N)	Contact number of Trainee	Company Name and Contact	Monthly Salary (INR)	Placement Date
1	NE	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Abhay Pratap Singh	112	90	80.36	Yes	57 90000				*	
2	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Guru Pratap Singh	112	90	80.36	Yes					M EAGE	
3	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Harsh Kumar Prajapati	112	85	75.89	Yes						
4	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	HARSHIT SHARMA	112	85	75.89	Yes	Sign (S. S.			The second second second		
5	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Md Adil	117	86	76.79	Yes			1			
6	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Md Ismail	112	86	76.79	Yes						
7	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Nitin Sharma	112	90	80.36	Yes						
8	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Sachin Sharma	112	100	89.29	Yes						2. 0.00
9	ME	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Abhishek Paswan	112	50	44.64	No						
10	-	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Himanshu Kumar	112	86	76.79	Yes		The state of			N. Y.	
11	-	3rd & 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Md Sameer Ibrar	112	85	75.89	Yes						
12		3rd 8 4th	CAD Training (AutoCAD)	112	01/09/2023	30/07/2023	Nikhil Nagar	112	85	75.89	Yes					UPLO TE	A CONTRACTOR
13		3rd & 4th		112	01/09/2023	30/07/2023	Prashant Pandey	112	100	89.29	Yes	Carlo III				I level and the	India
14		3rd & 4th		112	01/09/2023	30/07/2023	Rohil Khan	112	50	44.64	No		Mary Town				
15		3rd & 4th		112	01/09/2023	30/07/2023	Shivam Kumar	112	50	44.64	No			Taylor (Sil			100
16		5th & 6th		38	07/09/2022	03/05/2023	Abhishek Sharma	38	32	84.21	Yes	CAYN TO	STATE STATE			1.9	
17		5th & 6th		38	07/09/2022	03/05/2023	Adarsh Kumar Mishra	38	32	84.21	Yes		0.00	The latest	The state of the s	and the second	
18		5th & 6th	The second secon	38	07/09/2022	03/05/2023	Deepanjan	38	36	94.74	Yes		A Marine Marine				
19		5th & 6th		38	07/09/2022	03/05/2023	Konika Thakur	38	30	78,95	Yes						
20		5th & 6th		38	07/09/2022	03/05/2023	Md Aamir Raza	38	30	78.95	Yes	and the same	Market State				
21		5th & 6th	CAD Training (AutoCAD)	38	07/09/2022	03/05/2023	Rakesh Kumar Chauhan	38	32	84.21	Yes						
	ME	5th & 6th	CAD Training (AutoCAD)	38	07/09/2022	03/05/2023	Shlabh Kumar Kapil	38	30	78.95	Yes					The state of the s	
22		5th & 6th		38	07/09/2022	03/05/2023	SURAJ KUMAR	38	31	81.58	Yes					S 12 M	
-	A ALCOHOLIS	5th & 6th		38	07/09/2022	03/05/2023	ABDUL HASIB	38	30	78.95	No						No.
24	ME	Sin & bin	CAD Training (AUTOCAD)	36	07/05/2022	03,03,2023	TABOUT TO THE										
		-		10000				Tarret .			1000	Face B		DUNEN C			
									110,00			NEC-					
-	22.703.5				PURATURE S			7.00		//				III.			
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'S ENGINEERING COLLEGE, GREATER NOIDA DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course Record (Internal Trainings)

1	2	3	4	5	6	7		8	9	10	11	
S.No.	Department	SEM	Training Name	Total Hours of Trainin	Training Start Date	Training End Date	Roll No.	Trainee Name	Classes Held	Classes Attended	Attendan ce %age	Training Complete d Successfu
1	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210169	SAURABH KUMAR SINGH	46	36	78.26	Yes
2	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210174	SURAJ DUBEY	46	36	78.26	Yes
3	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210037	BASRA JAHANGIR	46	-40	86.96	Yes
4	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210091	MOHIT PAREEK	46	35	76.09	Yes
5	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210142	SAKET KUMAR JAISWAL	46	36	78.26	Yes
6	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210158	SHIVAM KAPASIA	46	36	78.26	Yes
7	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210171	SUMIT KUMAR .	46	36	78.26	Yes
8	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210175	SURAJ KUMAR	46	36	78.26	Yes
9	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210186	VINAYAK TYAGI	46	40	86.96	Yes
10	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210098	NITISH RAJ	46	30	65.22	No
11	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210026	ANVESH KUMAR MISHRA	46	36	78.26	Yes
12	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1722210903	SHIVAM SINGH	46	40	86.96	Yes
13	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210046	DHRUVY AGARWAL	46	36	78.26	Yes
14	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210086	MINSHUL SHARMA	46	36	78.26	Yes
15	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210076	MAMTA	46	36	78.26	Yes
16	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210162	SHIVANI RANA	46	26	56.52	No
17	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210099	NIVESH TIWARI	46	36	78.26	Yes
18	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210170	SUDHA SINGH	46	36	78.26	Yes
19	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210096	NIMIT TYAGI	46	38	82.61	Yes
20	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210116	PREETAM KR. VISEN	46	36	78.26	Yes
21	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210165	SHUBHAM KUMAR THAKUF	46	40	86.96	Yes
22	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210172	SUMIT KUMAR	46	36	78.26	Yes
23	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210029	ARYAN RAJ	46	38	82.61	Yes
24	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210151	SAURAV RANJAN SINGH	46	38	82.61	Yes
25	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210074	KUMAR SANU	46	38	82.61	Yes
26	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210160	SHIVAM SRIVASTAVA	46	38	82.61	Yes
27	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019		ANKIT SINGH BHADAURIA	46	26	56.52	No
28	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019		SHIV NARAYAN PRASAD	46	36	78.26	Yes
29	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019		RAJ KUMAR	46	36	78.26	Yes
30	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019		MANISH KUMAR	46	40	86.96	Yes
31		5th & 6th	Software Testing	46	27-08-2018	12-04-2019		ABHISHEK KUMAR	46	40	86.96	Yes

I.T.S. Engineering College

32	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210134	RISHAV RAI	46	36	78.26	Ýes
33	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210106	PRABHAT SINGH	46	36	78.26	Yes
34	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1522210148	SHIV KUMAR YADAV	46	38	82.61	Yes
35	CSE ·	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210117	PREM KUMAR	46	38	82.61	Yes
36	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210097	NITIN KUMAR	46	36	78.26	Yes
37	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210100	PALLAVI UPADHYAY	46	36	78.26	Yes
38	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210054	GAURAV BHARDWAJ	46	26	56.52	No
39	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210112	PRATEEK CHATURVEDI	46	36	78.26	Yes
40	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210109	PRAKHAR JAIN	46	36	78.26	Yes
41	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210013	ANANDHU KM	46	36	78.26	Yes
42	CSE	5th & 6th	Software Testing	46	27-08-2018	12-04-2019	1622210123	RAHUL KUMAR	46	36	78.26	Yes

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5 ENGINEERING COLLEGE, GREATER NIDA DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course Record (Internal Trainings)

1	2	3	4	5	6	7		8	9	10	11	12
S.N.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll N.	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)
1	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210014	ANANT SHARMA	46	38	82.61	Y
2	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210034	ASHWANI KUMAR TIWARI	46	40	86.96	Y
3	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210043	DEEPAK CHAUHAN	46	39	84.78	Υ
4	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210061	HIMANSHU GUPTA	46	35	76.09	Y
5	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210044	DEEPSHREE	46	37	80.43	Υ
6	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210119	PRIYAMBER KUMAR	46	29	63.04	N
7	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210155	SHEEL VARDHAN VASISTHA	46	39	84.78	Y
8	· CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210093	NIKHIL JINDAL	46	41	89.13	Υ
9	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210041	CHIRAG	46	40	86.96	Υ
10	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210045	DHURAV RAGHAV	46	35	76.09	Y
11	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210028	ARPITA TIWARI	46	38	82.61	Y
12	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210004	ABHISHEK GOSAWAMY	46	43	93.48	Y
13	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210020	ANKUR PANDEY	46	27	58.70	N
14	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210110	PRAKHAR NEGI	46	35	76.09	Y
15	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210120	PUNEET NAYAL	46	37	80.43	Y
16	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210057	HARIOM KUMAR	46	29	63.04	N
17	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210053	GAURAV	46	36	78.26	Y
18	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210060	HIMANSHI GARG	46	36	78.26	Υ
19	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210056	HARDIK GOEL	46	38	82.61	Y
20	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210097	NITIN KUMAR	46	36	78.26	Y
21	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210100	PALLAVI UPADHYAY	46	40	86.96	Y
22	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210054	GAURAV BHARDWAJ	46	36	78.26	Y
23	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210112	PRATEEK CHATURVEDI	46	39	84.78	Y
24	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210109	PRAKHAR JAIN	46	32	69.57	N
25	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210013	ANANDHU KM	46	43	93.48	Υ
26	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210123	RAHUL KUMAR	46	37	80.43	Y
27		5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210025	ANUKSHA VARSHNEY	46	28	60.87	N
28	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210092	NIDHI KUMARI	46	35	76.09	Y
29	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210101	PALLAVI PANDEY	46	39	84.78	Y
30	CSE	5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210139	SADHANA KUMARI	46	42	91.30	Y
31		5th & 6th	Apple iOS	46	20-08-2018	24-04-2019	1622210051	FIROZ	46	41	89.13	Y

I.T.S. Engineering College



ENGINEERING COLLEGE, GREATER NIDA DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course Record (Internal Trainings)

1	2	3	4	5	6	7		8	9	10	11	
s.N.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll N.	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)
1	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210014	ANANT SHARMA	46	38	82.61	Υ
2	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210034	ASHWANI KUMAR TIWAR	46	40	86.96	Υ
3	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210043	DEEPAK CHAUHAN	46	39	84.78	Υ
4	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210061	HIMANSHU GUPTA	46	35	76.09	Υ
5	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210044	DEEPSHREE .	46	37	80.43	Υ .
6	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210119	PRIYAMBER KUMAR	46	29	63.04	N
7	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210155	SHEEL VARDHAN VASIS	46	39	84.78	Υ
8	CSE	5th & 6th	R SYSTEM LAB	. 46	20-08-2018	24-04-2019	1622210093	NIKHIL JINDAL	46	41	89.13	Υ
9	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210041	CHIRAG	46	40	86.96	Υ
10	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210045	DHURAV RAGHAV	46	35	76.09	Y
11	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210028	ARPITA TIWARI	46	38	82.61	Y
12	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210004	ABHISHEK GOSAWAMY	46	43	93.48	Υ
13	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210020	ANKUR PANDEY	46	27	58.70	N
14	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210110	PRAKHAR NEGI	46	35	76.09	Υ.
15	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210120	PUNEET NAYAL	46	37	80.43	Y
16	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210057	HARIOM KUMAR	46	29	63.04	N
17	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210053	GAURAV	46	36	78.26	Y
18	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210060	HIMANSHI GARG	46	36	78.26	Y
19	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210056	HARDIK GOEL	46	38	82.61	Y
20	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210097	NITIN KUMAR	46	36	78.26	Y
21	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210100	PALLAVI UPADHYAY	46	40	86.96	Y
22	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210054	GAURAV BHARDWAJ	46	36	78.26	Y
23	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	A SECURIOR OF STREET, WALL	PRATEEK CHATURVEDI	46	39	84.78	Y
24	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019		PRAKHAR JAIN	46	32	69.57	N
25	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019		ANANDHU KM	46	43	93.48	Y
26			R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210123	RAHUL KUMAR	46	37	80.43	Y
27	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019		ANUKSHA VARSHNEY	46	28	60.87	N
28			R SYSTEM LAB	46	20-08-2018	24-04-2019		NIDHI KUMARI	46	35	76.09	Y

29	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210101	PALLAVI PANDEY	46	39	84.78	Y
30	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210139	SADHANA KUMARI	46	42	91.30	Υ
31	CSE	5th & 6th	R SYSTEM LAB	46	20-08-2018	24-04-2019	1622210051	FIROZ	46	41	89.13	Υ



I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Value Added Course Record (Internal Trainings)

	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	University Roll No.	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)
1	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210003	ABHISHEK KR. SINGH	40	34	85	Υ
2	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210004	ABHISHEK KUMAR YADAV	40	36 ·	90	Υ
3	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210015	AJEET PAL	40	26	65	N
4	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		AJEET SRIVASTAVA	40	36	90	Y
5	CSE	5th & 6th	Software Testing	40	12/8/2019	. 10/4/2020		AMAN BHADANA	40	36	90	Υ
6	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		AMAN KUMAR	40	36	90	Y
7	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210024	A CONTRACTOR OF THE PROPERTY O	40	34	85	Y
8	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210026		40	38	95	Y
9	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		AMIR SIDDIQUI	40	34	85	Y
10		5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210028		40	36	90	Ý
11		5th & 6th	Software Testing	40	12/8/2019	10/4/2020		ANIL THAKUR	40	36	90	Y
12		5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210034		40	36	90	Y
13	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		ANKIT KUMAR SINGH	40	36	90	Y
14		5th & 6th	Software Testing	40	12/8/2019	10/4/2020		KARTIK BHATIA	40	40	100	Y
15		5th & 6th	Software Testing	40	12/8/2019	10/4/2020		MANSI TYAGI	40	30	75	Ÿ
16	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		NAINCY TIWARI	40	36	90	Y
17	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		NISHANT KUMAR	40	40	100	Ÿ
18	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	THE RESERVE AND ADDRESS OF THE PARTY OF THE	PIYUSH RANJAN	40	36	90	Y
19	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		PRIYANKA JOSHI	40	36	90	Y
20	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020		RAVI KUMAR VERMA	40	36	90	Y
21		5th & 6th	Software Testing	40	12/8/2019	The state of the s		RISHI PATHAK	40	26	65	N
22		5th & 6th	Software Testing	40	12/8/2019	The state of the s		SACHIN KAUSHIK	40	36	90	Y
3	CSE !	5th & 6th	Software Testing	40	12/8/2019	-		SHUBHAM RAJ	40	36	90	Y
24	CSE !	5th & 6th	Software Testing		12/8/2019			SHUBHAM SINGH	40	38	95	Y
25	CSE !	5th & 6th	Software Testing		12/8/2019			SIDDHARTH SINGH	40	36	90	Y
26	CSE S	5th & 6th	Software Testing	The state of the s	12/8/2019		1722210163	SIDDHARTH SRIVASTAVA	40	36	90	Y
7	CSE	ith & 6th	Software Testing	40	12/8/2019	10/4/2020		SONU KUMAR	40	36	90	Y
8	CSE 5	th & 6th	Software Testing		12/8/2019			SUFIYAN ZAHEER	40	40	100	Y
19	CSE 5	ith & 6th	Software Testing		12/8/2019			SUMIT SARASWAT	40	34	85	V
80	CSE 5	th & 6th	Software Testing		12/8/2019			SURYANK PANDEY	40	36	90	, HO

31	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210174	UMANG SETH	40	36	90	Y
32	CSE	5th & 6th	Software Testing	.40	12/8/2019	10/4/2020	1722210181	VISHAL GUPTA	40	26	65	. N
33	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210183	VIVEK SHUKLA	40	24	60	N
34	CSE	5th & 6th	Software Testing	40	12/8/2019	10/4/2020	1722210185	YASH MANI JAIN	40	30	75	N



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1	2	3	4	5	6	7	The state of the s	8	9	10	11	12
S.No.	epartmen	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll No.	Trainee Name	Classes Held	Classes Attende d	Attenda nce %age	Training Completed Successfully (Y/N)
1	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210003	ABHISHEK KR. SINGH	46	38	82.61	Υ .
2	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210004	ABHISHEK KUMAR YADAV	46	40	86.96	Y
3	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210015	AJEET PAL	46	39	84.78	Y
4	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210016	AJEET SRIVASTAVA	46	35	76.09	. Y
5	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210021	AMAN BHADANA	46	37	80.43	Y
6	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210023	AMAN KUMAR	46	29	63.04	N
7	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210024	AMAN RAJ	46	39	84.78	Y
8	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210026	AMIR KHAN	46	41	89.13	Υ
9	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210027	AMIR SIDDIQUI	46	40	86.96	Υ
10	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210028	AMRIT RAJ	46	35	76.09	Y
11	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210031	ANIL THAKUR	46	38	82.61	Y
12	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210034	ANKIT	46	43	93.48	Υ
13	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210036	ANKIT KUMAR SINGH	46	27	58.70	N
14	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210076	KARTIK BHATIA	46	35	76.09	Y
15	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210088	MANSI TYAGI	46	37	80.43	Y
16	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210098	NAINCY TIWARI	46	29	63.04	N
17	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210103	NISHANT KUMAR	46	36	78.26	Υ
18	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210111	PIYUSH RANJAN	46	36	78.26	Y
19	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210116	PRIYANKA JOSHI	46	38	82.61	Y
20	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210126	RAVI KUMAR VERMA	46	36	78.26	Y
21	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210128	RISHI PATHAK	46	40	86.96	Y
22	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210134	SACHIN KAUSHIK	46	36	78.26	Y
23	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210160	SHUBHAM RAJ	46	39	84.78	Y
24	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020		SHUBHAM SINGH	46	32	69.57	N
25	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210162	SIDDHARTH SINGH	46	43	93.48	Y
26	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210163	SIDDHARTH SRIVASTAVA	46	37	80.43	Y
27	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020		SONU KUMAR	46	28	60.87	N

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28	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210169	SUFIYAN ZAHEER	46	35	76.09	Y
29	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210170	SUMIT SARASWAT	46	39	84.78	Υ
30	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210171	SURYANK PANDEY	46	42	91.30	Υ
31	CSE	5th & 6th	Apple iOS	46	20/08/2019	24/04/2020	1722210174	UMANG SETH	46	41	89.13	· · Y



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING I.T.S ENGINEERING COLLEGE, GREATER NOIDA Value Added Course Record (Internal Trainings)

- 1	2	3	4	5	6	7		8	9	10	11	
S.No.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll No.	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)
1	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210003	ABHISHEK KR. SINGH	46	36	78.26	Y
2	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210004	ABHISHEK KUMAR YADAV	46	36	78.26	Y
3	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210015	AJEET PAL	46	36	78.26	Y
4	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210021	AMAN BHADANA	46	40	86.96	Y
5	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210023	AMAN KUMAR	46	35	76.09	Y
6	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210024	AMAN RAJ	46	36	78.26	Y
7	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210026	AMIR KHAN	46	36	78.26	Y
8	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210027	AMIR SIDDIQUI	46	36	78.26	Y
9	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210028	AMRIT RAJ	46	36	78.26	· Y
10	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210049	ARIF NAWAZ	46	40	86.96	Y
11	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210055	GUPTA	46	30	65.22	Y
12	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210056	AVDHESH VASHIST	46	36	78.26	Y
13	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210057	AWANISH KUMAR	46	40	86.96	Y
14	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210074	KAJAL SHARMA	46	36	78.26	Y
15	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210076	KARTIK BHATIA	46	36	78.26	Y
16	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210098	NAINCY TIWARI	46	36	78.26	Y
17	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		NISHANT KUMAR	46	26	56.52	N
18	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		PIYUSH RANJAN	46	36	78.26	Y
19	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		PRIYANKA JOSHI	46	36	78.26	Ÿ
20	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	THE RESERVE AND ADDRESS OF THE PARTY OF THE	RAVI KUMAR VERMA	46	38	82.61	Y
21	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	The second secon	RISHI PATHAK	46	36	78.26	Y
22	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		SACHIN KAUSHIK	46	36	78.26	Y
23	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		SHAILESH TYAGI	46	36	78.26	Y
24	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		MISHRA	46	40	86.96	Y
25		5th & 6th	Software Testing	46	17-08-2020	16-04-2021		SHUBHAM RAJ	46	20	43.48	N
26	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		SHUBHAM SINGH	46	44	95.65	Y
27	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021		SIDDHARTH SINGH	46	40	86.96	Y
28		5th & 6th	Software Testing	46	17-08-2020	16-04-2021		VIKAS KUMAR	46	32	69.57	Y
29	CSE	5th & 6th	Software Testing	46	17-08-2020			VIKAS KUMAR	46	35	76.09	Y

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30	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210181	VISHAL GUPTA	46	38	82.61	Ý
31	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210183	VIVEK SHUKLA	46	34	73.91	Y
32	CSE	5th & 6th	Software Testing	46	17-08-2020	16-04-2021	1722210185	YASH MANI JAIN	46	33	71.74	Υ



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Value Added Course Record (Internal Trainings)

1	2	3	4	5	6	7		8	9	10	11	
S.No.	Departmen	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll No.	Trainee Name	Classes Held	Classes Attende d	Attenda nce %age	Training Comple ed Success ully (Y/N)
1	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210002	AASIF JAMAL	46	36	78.26	Υ
2	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210003	ABHILASH DWIVEDI	46	36	78.26	Y
3	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210004.	ABHINAV KUMAR PARBAT	46	36	. 78.26	Y
4	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210012	ADITYA SINGH	46	40	86.96	Y
5	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210013	AJEET KUMAR	46	35	76.09	Y
6	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210032	ARPIT	46	36	78.26	Y
7		5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210040	AREEB ASHRAF AHANGER	46	36	78.26	Υ
8	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210045	DEEPAK KUMAR	46	36	78.26	Υ
9	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210048	DEEPESH JHA	46	36	78.26	Υ
10	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210050	DEV BHARDWAJ	46	40	86.96	Y
11	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210053	DIVYANSH	46	30	65.22	Υ
12	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210054	DIVYANSHI	46	36	78.26	Y
13	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210059	HAPPY KUMAR	46	40	86.96	Y
14	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210062	HITESH GARG	46	36	78.26	Y
15	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210068	JIVA RAM	46	36	78.26	Υ
16	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210070	SWATI JAISWAL	46	36	78.26	Y
17	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210074	LAKSHAY	46	26	56.52	N
18	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210075	MAKARAND SHREELOCHAN	46	36	78.26	Υ
19	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210076	MANISH KUMAR	46	36	78.26	Υ
20	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210080	MD DANISH IQBAL	46	38	82.61	Υ
21	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210089	NAVED MALIK	46	36	78.26	Υ
22	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210091	NEHA SINHA	46	36	78.26	Υ
23	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210097	NITIN KUMAR SHARMA	46	36	78.26	Υ
24	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210098	PAWAN KUMAR MISHRA	46	40	86.96	Υ
25	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210101	PRAKHAR SRIVASTAVA	46	20	43.48	N
26	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210102	PRATIK RAJORA	46	44	95.65	Υ

	i cer	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210103	PRAVESH KUMAR	46	40	86.96	Y
27	CSE								46	32	69.57	Y
28	CSE	5th & 6th	Apple iOS	46	17-08-2020			RAGHWENDRA PRATAP			76.09	v
29	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210117	RITIK PRAKASH	46	35		1
(2000)	CSE	5th & 6th	Apple iOS	46	17-08-2020	16-04-2021	1822210122	RAJINDER SINGH	46	38	82.61	Y
30					17-08-2020			SAHIL KHAN	46	34	73.91	Y
31	CSE	5th & 6th	Apple iOS	46	17-08-2020	10-04-2021	1022210120	OI II III AND AND III			ACCUSED OF THE	Section 1

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Value Added Course Record (Internal Trainings)

2	3	4	5	6	7		8	9	10	11	
Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Roll No.	Trainee Name	Classes Held	Classes Attended	Attendance %age	Training Completed Successfully (Y/N)
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100002	Abhishek Bhardwaj	46	29	63.04	Υ
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100008	Abhishek saxena	46	39	84.78	Y
CSE :	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100004	Abhishek Shekhawat	46	41	89.13	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100013	Akansh Gupta	46	40	86.96	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100026	Ankit Kumar	46	38	82.61	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100031	Anshul kumar	46	43	93.48	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100034	Anuj Srivastava	46	27	58.70	N
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100035	Anujaan Mishra	46	35	76.09	Υ.
	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1822210033	Arshad Waseem	46	37	80.43	Y
	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100049	Ashutosh Kumar Gupta	46	29	63.04	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100051	Aviral singh	46	36	78.26	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100053	Ayush gupta	46	36	78.26	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100058	Chandra Shekhar	46	38	82.61.	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100060	Deepak	46	36	78.26	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100062	Deepak Sharma	46	40	86.96	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100065	Divyanshu Anand	46	36	78.26	Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100068	Gautam Sharma	46	39		Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100085	Md Imteyaz imam	46	32	69.57	Υ
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022			_			Y
CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022						Y
CSE	5th & 6th	Software Testing	46	13-09-2021						Contract to the Contract of th	Y
CSE	5th & 6th	Software Testing	46	13-09-2021							Y
CSE	5th & 6th		46	13-09-2021							Y
CSE	5th & 6th	Software Testing	46	13-09-2021						-	Y
CSE	5th & 6th	Software Testing	46					-			Υ .
CSE	5th & 6th		46					_			N
CSE	5th & 6th							_			Y
											Y
											Y
								-			Y
	_								-		N
				Market State of Control of Contro							Y
											Y
	CSE	CSE 5th & 6th CSE	CSE Sth & 6th Software Testing	CSE Sth & 6th Software Testing 46 CSE St	Department SEM Training Name Total Hours of Training Training Start Date CSE 5th & 6th Software Testing 46 13-09-2021 CSE 5th & 6th Software T	Department SEM Training Name Total Hours of Training Start Date Training End Date CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing 46 13-09-2021 13-05-2022 CSE 5th & 6th Software Testing <td> Department SEM</td> <td> CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100002 Abhishek Bhardwaj CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Abhishek Bhardwaj Abhishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100004 Abhishek Shekhawat Abhishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Ashishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul Waseem CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100004 Ashutosh Kumar Gupta CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Deepak Sharma CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Molto Shadan CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Molto</td> <td> Department SEM</td> <td> Department SEM</td> <td> Department SEM</td>	Department SEM	CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100002 Abhishek Bhardwaj CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Abhishek Bhardwaj Abhishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100004 Abhishek Shekhawat Abhishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Ashishek Shekhawat CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul kumar CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100003 Anshul Waseem CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100004 Ashutosh Kumar Gupta CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Avisal singh CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Deepak Sharma CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Molto Shadan CSE Sth & 6th Software Testing 46 13-09-2021 13-05-2022 1902220100005 Molto	Department SEM	Department SEM	Department SEM

34	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100145	Shashwat Rai	46	35	76.09	Υ
35	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1822210144	Shivam chaurasia	46	35	76.09	Y
36	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100148	Shivam Pandey	46	45	97.83	Y
37	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100152	Siddhartha Tiwari	. 46	30	65.22	Y
38	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100153	Srishti chaturvedi	46	35	76.09	Y
39	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100154	Subham pratap singh	46	35	76.09	Y
40	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100160	Tanisha Singh	46	22	47.83	N
41	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100162	Tushar Vatsa	46	35	76.09	Y
42	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100163	Uday Singh	46	40	86.96	Y
43	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100165	Umakant Dwivedi	46	35	76.09	Y
44	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100166	Unnati Gupta	46	33	71.74	Υ
45	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100167	VANSHAM MISHRA	46	41	89.13	Y
46	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1902220100168	Vanshikha singh	46	35	76.09	Y
47	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1822210115	Rishabh Jaiswal	46	36	78.26	Y
48	CSE	5th & 6th	Software Testing	46	13-09-2021	13-05-2022	1822210061	Himanshu Gupta	46	35	76.09	Y

					21-22
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	200222010036172		9569437293 shivangimallrm_cse20@its.edu.in
107	200222010036174	Shreya Bhardwaj	8797133724 shreyabhardwajdk_cse20@its.edu.in
108	200222010036174	Shreya Bhardwaj	8797133724 shreyabhardwajdk_cse20@its.edu.in
109	200222010036175	Shruti Kumari	8290657399 shrutikumaribbs_cse20@its.edu.in
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1.1.5. Engineering College



I.T.S ENGINEERING COLLEGE GREATER NOIDA

(A NAAC Accredited Engineering College)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Value Added Course Record (Internal Trainings)

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4	Chaudhary, Pragya	1264923	pragyachaudharynp_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	88
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6	Faizan, Moh.	1264902	mohfaizanvh_cse21@its.edu.in . ·	AWS Academy Cloud Foundations [33312]	95
7	Garg, Suryansh S	1264816	suryanshsgargrs_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	89
8	Goyal, Kunal	1242543	kunalgoyalyg_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	9
9	Gulzar, Sabia	1385991	sabiagulzargak_cse22@its.edu.in	AWS Academy Cloud Foundations [33312]	100
10	Gupta, Krati	1242542	kratiguptajg_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	92
11	Jha, Aditya Shubham	1242519	adityakshubhamjhanj_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	100
12	Kanchan	1242540	kanchanrk_aiml22@its.edu.in	AWS Academy Cloud Foundations [33312]	25
13	Kasim	1242541	kasimsk_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	97
14	Khanduri, Akshita	1242521	akshitakhanduricm_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
15	Kumar, Hritik	1242538	hritikkumarry_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	97
16	Kumar, Khemendra	1453154	khemendrakumarss_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	99
17	Kumari, Nupur	1264919	nupurkumarisk_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	87
18	Mishra, Manjeet	1264898	manjeetmishranm_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	99
19	Mishra, Priyanshu	1242545	priyanshumishradm_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
20	Mishra, Shubhang	1242550	shubhangmishramm_aiml22@its.edu.in	AWS Academy Cloud Foundations [33312]	94
21	Pandey, Kamayani	1242539	kamayanipandeyap_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	91
22	Paul, Ashmit	1242527	ashmitpaulap_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
23	Rai, Aditya	1264812	adityaraiar_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	89
24	Rai, Devendra	1242531	devendraraikr_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
25	Rajshree	1264928	rajshreeam_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	100
26	Saad, Md.	1264903	mohdsaadaa_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
27	Sabreena, Mir	1385989	mirsabreenaaam_cse22@its.edu.in	AWS Academy Cloud Foundations [33312]	100

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28	Sahu, Rishabh	1242557	rishabhsahumk_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	42
29	Samal, Biswajeet	1242528	biswajeetsamalps_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
30	Sarkar, Ranjan	1264939	ranjansarkarss_cse22@its.edu.in	AWS Academy Cloud Foundations [33312]	94
31	Sharma, Angeel	1242523	angeelsharmals_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	94
32	Sharma, Nityanav	1264918	nityanavsharmass_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
33	Sharma, Rishabh	1242546	rishabhsharmans_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	15
34	Singh, Devesh Pratap	1242532	deveshpratapsinghds_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
35	Singh, Hariom Sharan	1242535	hariomsharansinghks_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	92
36	Singh, Sagar	1264935	sagarsinghps_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	90
37	Singh, Shivam	1242548	shivamsinghds_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
38	Singh, Sonu	1242551	sonusinghms_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
39	Siroha, Vaibhav	1242553	vaibhavsirohaps_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	88
40	Srivastava, Harsh	1242536	harshsrivastavps_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	94
41	Tiwari, Varun	1242554	varuntiwaribkt_aiml22@its.edu.in	AWS Academy Cloud Foundations [33312]	91
42	Tripati, Riya	1242547	riyatripathirt_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	95
43	Uvesh, Md.	1264904	mohduveshmh_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	37
44	Vaishnav, Chandan	1242529	chandanvaishnavhl_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	75
45	Vardhan, Harsh	1242537	harshvardhanas_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
46	Verma, Manish	1264897	manishvermakk_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
47	Verma, Nikhil	1264913	nikhilvermahv_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	67
48	Vishesh, Adarsh	1242517	adarshvisheshbs_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	96
49	Yadav, Aditya	1242518	adityayadavcby_aiml22@its.edu.in	AWS Academy Cloud Foundations [33312]	49
50	Yadav, Aryan	1242526	aryanyadavry_aiml21@its.edu.in	AWS Academy Cloud Foundations [33312]	98
51	Yadav, Mayank	1264899	mayankyadavsy_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	91
52	Yadav, Nitin	1264916	nitinyadavmy_cse21@its.edu.in	AWS Academy Cloud Foundations [33312]	97

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HOD - CSE I.T.S. Engineering College

Name of Centre of Excellence:

Soft Pro India Ltd.

Date of Establishment:

25/03/2023

Brief Description:

The COE will provide opportunities for students to learn and develop skills in the area of Internet of Things, as well as to interact with experts from the organization. This will be valuable for students who are interested in pursuing careers in this field, as they will be able to gain handson experience and learn from professionals in the industry. It's a great opportunity for the students and the institute to collaborate with the company and benefit from their expertise. The interaction with experts from the organization will also give students an insight into industry practices and trends, and help them stay updated with the latest developments.

Major Activities Conducted:

- Two days Workshop on Advanced Python Programming by Softpro India Computer Technologies Pvt. Ltd. Lucknow (23&24-03-2023)
- MOU Signing and Inaugural of Centre of Excellence on Internet of Things, Industry X.0 (25/03/2023)
- Workshop on "Internet of Things" by Er. Amit Bhandari, Senior IOT Developer/ Solution Architect Consultant, Softpro India Computer Technologies Private Limited. (21/04/2023)
- Workshop on "Android Apps Development" by Mr. Deep Singh, Developer, Softpro India Computer Technologies Pvt. Ltd. Lucknow. (13/06/2023)
- Workshop on "Data Science & its Applications with Machine Learning" by Mr. Prateek Mishra, Developer, Softpro India Computer Technologies Pvt. Ltd., Lucknow. (14/06/2023)

HOD - CSE College

I.T.S. Engineering

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		ment of CSE	_
100	1000	4th Semester-Section-A	
Sr.No Roll No.		Name	
1	2002220100170	TUSHAR GUPTA(ReAdm)	
2	2102220100001	Aaditya Gera	
3	210::220100002		
4	2102220100004	Abhinav Gaur	
5	2102220100005	Abhinav Tiwari	
6	2102220100006		
7	2102220100007	Abhishek Mandal	
9	2102220100008	Abhishek Yadav	
10.	2102220100009	Adarsh Kumar Jha	
11	2102220100010	Aditi Deshwal	
22	2102220100011	Aditya Dagur	
13	2102220100012	Aditya Kumar	
14	2102220100013	ADITYA KUMAR	
15	2102220100014	ADITYA PRATAP SINGH	
16	+	Aditya Sharma .	
17	2102220100017	Aditya Shukla	
18	2102220100018	Ajay Pratap Singh	
19	2102220100020	Akanksha Sahu	
-	2102220100021	AKHAND PRATAP CHAND	
20	2102220100022	Akshat Sharma	
22	2102220100023	Akshit Negi	***
23	2102220100024	Aman Raj	7 1
24	2102220100025	Aman Singh	
25	2102220100026	Aman Soni -	
26	2102220100027	Aman Tiwari	
27	2102220100028	Aman Yadav	
28	2102220100030	Amit Biswas	
29	2102220100031	Anant Kumar Sharma	
30	210222010; 332	Anil Yadav	
31	210222010:033	Anjesh Kumar	
32	2102220100034	Ankit Kumar	
33	2102220100035 2102220100037	Ankit Kumar	-
34	2102220100037	Ankit Patel	
35	2102220100039	Ankit Rai	
36	2102220100039	Ankit Vishwakarma	
37	2102220100041	ANKUL KUMAR ANSH SINGH	_
38	2102220100042	Anshika Solanki	-
39	2102220100042	Anuj Bhati	_
40	2102220100043		
41	2102220100045	Anuj Gupta Anupriya Gupta	-
42	2102220100045	ANUSHKA SHARMA	-
43	2102220100047	Arjun Kumar Sharma	-
44	2102220100049	Arushi Ari	-
45	2102220100051	ASHUTOSH ANAND	-
16	2102220100052	Atul Sharma	-
47	2102220100053	Avinash Tripathi	-
48	2102220100054	Ayush Raj	-
19	2102220100055	Ayush Raj	-
0	2102220100056	Ayush Roy	\dashv
1	2102220100057	AYUSH TRIPATHI	\dashv
52	2102220100058	Ayush Trivedi	\dashv
3		Chahat Ladhani	\dashv
4		DANISH AHMED	-
5		Deepak Sharma	\dashv
6		Deepak Singh	1
7		Deeparshu Sharma	-
8		DEV RATHORE	-i
9		Dhriti Shekhar	-
0		Ankit Kumar Rai	-
1		Anshul Kumar	4
2		Aryan Jha	4
3		Chaitanya Tripathi	-
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	Depa	COLLEGE, GREATER No rtment of CSE	
	CSE-Second Ye	ar 4th Semester-Section-B	
r.No	Roll No.	Name	
1	21022201000		
2	21022201000		
3	21022201000	2 Gagan Sahu	-> lagores
4	21022201000	4 GUNGUN SALUJA	$-\frac{1}{2}\omega_s$
5	210222010007	i milect suign	
7	210222010007	The state of the s	-> Hoash
8	210222010007		20 20 10 10 10 10 10 10
9	210222010007		-> 1-pto 1. Provide by
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1	210222010008		Harristandham Pathak.
2	210222010008	The strain action	Harrhvardham Patholo.
3	210222010008		-> Prodav.
4	210222010008		1
5	2102220100086		antin
5	2102220100088	Kalpana Kushwaha	- day
7	2102220100089	Kamal Singh	
3	2102220100090	Karan Kumar	- Kanah
	2102220100091	KARTIKEY KESHARI	
	2102220100092	Kartikey Shakya	
	2102220100095		Kithment of he
	2102220100096		Than hagn
	2102220100097 2102220100099		kwishna ?
	2102220100099	Kunwar Bhagar Singh	Kishandi Dadhi Kurishner bhagar Sul
	2102220100100	Kushagra Gangwar	
1	2102220100101	Lakshya Pratap Singh Lokesh Sharma	rapshys .
	2102220100104	Manasvi Lalit	
	2102220100105	Manish Kumar Raj	Louidh
	2102220100106	Manish Verma	- Mary
	2102220100107	Manjeet Mishra	
	2102220100108	MAYANK YADAV	
-	2102220100109	Md Adil Imran	
-	2102220100110	MD. SERAJ ANWAR	
-	2102220100111 2102220100112	MOH. FAIZAN	
	2102220100112	MOHD SAAD	
1	2102220100113	Mohd Uvesh MRITUNIAY RAI	
	2102220100115	Mukul Negi	Mritugay Pey
	2102220100116	Navya Srivastava	
	2102220100117	Neeraj Kumar	- was
	2102220100118	Niharika Shivhare	- Akerit
	2102220100119	Niharika Tiwari	
		Wikilii Kumar	
	2102220100121	Nikhil Kumar Maurya	
	2102220100122	Nikhil Verma	
		Nisar Ansari	(Nichard)
	The second secon	Nishant Kumar Dubey NITIN YADAV	4
		Nityam Kumar Mishra	
- 1	24022204004	Vityanav Sharma	Otton
		lupur Kumari	- The law -
		ARTHIVI MALIK	- cupin burney
2	102220100130 F	atel Piyush Dinesh	Testal or
	102220100131 F	iyush Kumar Singh	- war rigues.
	102220100132 P	ragya Chaudhary	- fragge chardhally.
		atin Kumar	T'' CC
	202220109008 K	rishna Bhardwaj	Patel Piyus fragge chandhasy. From mango. T.S. Engineering Co.
	THE RESERVE THE PARTY OF THE PA	rishna Mahto	Knism mango,
		d. Asharaf Khan	Fragge chandhauy. Krismi mingo. I.T.S. Engineering Co
		ir Sabreena	
	1022224400	njan Sarkar	
1 24	UZZZU1U9U13 R	hit Kumar	

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		nt of CSE 1 Semester-Section-A
- 1		
Sr.No	Roll No.	Name
1		TUSHAR GUPTA(ReAdm)
2		Aaditya Gera
3	2102220100002	AASHISH SHARMA
4	2102220100004	Abhinav Gaur
5	2102220100005	Abhinav Tiwari ABHISHEK KUMAR
6	2102220100006 2102220100007	Abhishek Mandal Raged 1
7 8	2102220100007	Abhishek Yadav
9	2102220100008	Adarsh Kumar Jha
10	2102220100010	Aditi Deshwal
11	2102220100010	Aditya Dagur
12	2102220100012	Aditya Kumar
13	2102220100012	ADITYA KUMAR
14	2102220100013	ADITYA PRATAP SINGH
15	2102220100014	Aditya Sharma
16	2102220100017	Aditya Shukla
_	2102220100017	Ajay Pratap Singh
17		Akanksha Sahu
18	2102220100020	AKHAND PRATAP CHAND
19	2102220100021	Akshat Sharma
20	2102220100022	Akshit Negi
21		Aman Raj
22	2102220100024	Aman Singh
23	2102220100025	Aman Soni
24	2102220100027	Aman Tiwari
25	2102220100027	Aman Yadav P
26	2102220100028	Amit Biswas
27		Anant Kumar Sharma
28	2102220100031	Anil Yadav
29		Anjesh Kumar
30	2102220100033	Ankit Kumar
31	2102220100034	Ankit Kumar P
32	2102220100037	Ankit Patel
33	2102220100037	Ankit Rai
34		Ankit Vishwakarma
35	2102220100039	ANKUL KUMAR
36	2102220100040	ANSH SINGH
37	2102220100041	Anshika Solanki
38	2102220100042	Anui Bhati
39		Anuj Gupta
40	2102220100044	Anupriya Gupta
41		ANUSHKA SHARMA
42	2102220100046	Arjun Kumar Sharma
43	2102220100047	
44	2102220100049 2102220100051	Arushi Ali ASHUTOSH ANAND
45	2102220100051	Atul Sharma
46	2102220100053	Avinash Tripathi
47	2102220100054	Ayush Raj
48	2102220100055	Ayush Raj
49		Ayush Roy
50	2102220100056	AYUSH TRIPATHI
51	2102220100057	Ayush Trivedi
52	2102220100058	Chahat Ladhani
53	2102220100059	DANISH AHMED
54	2102220100061	
55	2102220100062	Deepak Sharma
56	2102220100063	Deepak Singh
57	2102220100064	Deepanshu Sharma
58	2102220160066	DEV RATHORE DEV RAH
59	2102220100068	Dhriti Shekhar
60	2202220109001	Ankit Kumar Rai
61	2202220109002	
62	2202220109003	
63	2202220109005	
0.0	2202220109007	Km. Anjali Verma

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(nent of CSE 4th Semester-Section-B	
Sr.No	Roll No.	Name	
1	2102220100069	Dhuruy Kumar	CLE STATE
2	2102220100071	Divyanshu Singh	
3	2102220100072	Gagan Sahu	Link and the
4	2102220100074	GUNGUN SALUJA	1
5	2102220100075	Harjeet Singh	Harjest St
6	2102220100076	HARSH BHARDWAJ	
7	2102220100077	Harsh Kumar Patel	Handle
8	2102220100078	Harsh Pandey	
9	2102220100079	Harsh Rajput	
10	2102220100081	Harshit Kumar Dwivedi Harshvardhan Pathak	
12	2102220100082	Himanshi Bhardwaj	
13	2102220100084	Hiresh Kumar	
14	2102220100085	Isha Deol	Irha.
15	2102220100086	Ishika Saxena	JAME.
16	2102220100088	Kalpana Kushwaha	
17	2102220100089	Kamal Singh	
18	2102220100090	Karan Kumar	
19	2102220100091	KARTIKEY KESHARI	KONFIKEY
20	2102220100092	Kartikey Shakya	WOUNT !
21	2102220100095	KISHAN TRIPATHI	
22	2102220100096	Krish Verma	
23	2102220100097	Krishna Km Ojha	
24	2102220100099	Kunwar Bhagar Singh	
25	2102220100100	Kushagra Gangwar	To the last
26	2102220100101	Lakshya Pratap Singh	
27	2102220100103	Lokesh Sharma	
28	2102220100104	Manasvi Lalit	Hanave
29	2102220100105	Manish Kumar Raj	
30	2102220100106	Manish Verma	Mangaet
31	2102220100107	Manjeet Mishra	Mangaet
32	2102220100108	MAYANK YADAV	
33	2102220100109	Md Adil Imran	
35	2102220100110	MD. SERAJ ANWAR MOH. FAIZAN	-0 -
36	2102220100111	MOHD SAAD	faiser
37	2102220100113	Mohd Uvesh	mondu ucs h
38	2102220100114	MRITUNIAY RAI	Hend O OCS P
39	2102220100115	Mukul Negi	
40	2102220100116	Navya Srivastava	
41	2102220100117	Neeraj Kumar	A SECUL
42	2102220100118	Niharika Shivhare	Niharika
43	2102220100119	Niharika Tiwari	
44	2102220100120	Nikhil Kumar	Marie Land
45	2102220100121	Nikhil Kumar Maurya	6
46	2102220100122	Nikhil Verma	2
47	2102220100123	Nisar Ansari	THE PARTY
48	2102220100124	Nishant Kumar Dubey	Est all Seasons
49	2102220100125	NITIN YADAV	Nupus.
50	2102220100126	Nityam Kumar Mishra	
51	2102220100127	Nityanav Sharma	
52	2102220100128	Nupur Kumari	Nupus.
53	2102220100129	PARTHIVI MALIK	
54	2102220100130	Patel Piyush Dinesh	
55	2102220100131	Piyush Kumar Singh	OF THE REAL PROPERTY.
56	2102220100132	Pragya Chaudhary	
57	2202220109006	Jatin Kumar	
58	2202220109008	Krishna Bhardwaj	
59	2202220109009	Krishna Mahto	The state of the s
60	2202220109010	Md. Asharaf Khan	0.1
61	2202220109011	Mir Sabreena	Sabruna,
62	2202220109012	Ranjan Sarkar Rohit Kumar	
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		ment of CSE
	CSE-Second Year	4th Semester-Section-C
Sr.No	Roll No.	Name
1	2102220100133	Prakhar Pandey
2	2102220100134	Prakhar Prakash Singh
3	2102220100136	Priya Kumari
4	2102220100137	Priya Sah Deo
5	2102220100139	Raj Rajput
6	2102220100140	RAJA PRASAD O
7	2102220100141	RAISHREEE ROYCLY
8	2102220100144	Rohan
9	2102220100145	Rohan Kumar
10	2102220100146	Rohit Sharma
11	2102220100147	Roshan Singh
12	2102220100148	Sachin Kumar
13	2102220100149	Sachin Kumar
14	2102220100150	Sagar Singh
15	2102220100151	Saiba Ajaz
16	2102220100152	Saif Ahmad Ansari
17	2102220100154	Saksham Vasistha
18	2102220100155	SANDEEP KUMAR YADAV
19	2102220100156	Sandeep Sharma
20	2102220100158	SATYAM SINGH
21	2102220100159	Satyam Singh Kushwaha
22	2102220100160	Saurabh Kumar Jha
23	2102220100161	Shahnawaz Khan Sanukh
24	2102220100162	Shivansh Seth
25	2102220100163	Shivansh Sharma
26	2102220100164	Shivesh Kumar Jha
27	2102220100165	SHREYA UPADHYAY
28	2102220100166	Shruti Pragya
29	2102220100167	Shrutika Dhiraj Patel
30	2102220100168	Shubham Mishra
31	2102220100169	Siddhant Jadoun
32	2102220100170	Siddharth Ojha
33	2102220100171	Somil Bhardwaj
34	2102220100172	SRIJAN SHUKLA
35	2102220100176	Suraj Kumar Prasad Swiay
36	2102220100177	Sushant Kumar
37	2102220100178	Sweta Mishra
38	2102220100179	Syed Aqib Abbas
39	2102220100181	Tarun Kumar Dubey
40	2102220100182	TARUN SINGH
41	2102220100183	Tulshi Sharma
42	2102220100184	Uttpal Kant
43	2102220100185	VAIBHAV KUMAR SINGH
44	2102220100186	Vaishali Chaurasia
45	2102220100188	Varun Sharma
46	2102220100189	Varun Tyagi
47	2102220100190	VIDHI BHATI
48	2102220100191	Vikas Mahto
49	2102220100192	Vikash Tiwari
50	2102220100193	Vinay Kumar Solanki
51	2102220100194	Vinay Yadav
52	2102220100195	Vipin Kumar
53	2102220100196	Vipul Upadhyay
54	2102220100197	Vishal Bhardwaj
55	2102220100198	Vishnu Kumar
56	2102220100199	Vishnu Singh Vulu
57	2102220100200	Vishu
58	2102220100201	Yash
59	2102220100202	Yash Joshi
60	2102220100203	Yatin Kasnyal
		SECURIOR DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR
61	2202220109014	Rohit Patel

Post Lunch
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14/6/23

Sr. No. Roll Number Name Batch		THE RESERVE AND DESCRIPTIONS OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	ML 4th Sem.	
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HOD - CSE I.T.S. Engineering College

	Depa	rtment of CSE
-	CSE-Second Yea	r 4th Semester-Section-A
Sr.Ne	Roll No.	Name
1	20022201001	
2	210222010000	
3	210222010000	2 AASHISH SHARMA
4	210222010000	1 19 20 10 10 10 10 10 10 10 10 10 10 10 10 10
5	210222010000	S Abhinav Tiwari
6	210222010000	- Controller and
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22	2102220100024	DKI WU
23	2102220100025	
24	2102220100026	1
25	2102220100027	Aman Tiwari Aman Sai
26	2102220100028	Aman Yadav AMANYAD
27	2102220100030	Amit Biswas
28	2102220100031	Anant Kumar Sharma
29	2102220100032	Anil Yadav
30	2102220100033	Anjesh Kumar
31	2102220100034	Ankit Kumar Anders -
32	2102220100035	Ankit Kumar V
33	2102220100037	Ankit Patel Quicob.
35	2102220100038	Ankit Rai HAKIT Rai
36	2102220100039	Ankit Vishwakarma
37	2102220100040	ANKUL KUMAR ANKUL
38	2102220100041	ANSH SINGH Shuch Shi
39	2102220100042	Anshika Solanki Anshika
40	2102220100043	Anuj Bhati I
41	2102220100045	Anuj Gupta
42	2102220100045	Anupriya Gupta Anupriya
43	2102220100047	
44	2102220100049	Arjun Kumar Sharma Arushi Ali
45	2102220100051	ASHUTOSH ANAND
46	2102220100052	Atul Sharma
47	2102220100053	Avinash Tripathi
48	2102220100054	Ayush Raj
49	2102220100055	Ayush Raj
50	2102220100056	Ayush Roy
51	2102220100057	AYUSH TRIPATHI
52	2102220100058	Ayush Trivedi
53	2102220100059	Chahat Ladhani
54	2102220100061	DANISH AHMED DOZNISH
5	2102220100062	Deepak Sharma
6	2102220100063	Deepak Singh Perfort
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8		DEVENTUORE
9		Dhriti Shekhar Dhuiti
0	220222222	Ankit Kumar Rai
1	***	Anshul Kumar
2	2242222	Aryan Jha
3		Chaitanya Tripathi
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HOD - CSE I.T.S. Engineering College

	Departn	LLEGE, GREATER NOIDA
(th Semester-Section-B
No	Roll No.	Name
	2102220100069	Dhuruv Kumar Thu
	2102220100003	Divyanshu Singh
	2102220100072	Gagan Sahu
	2102220100074	GUNGUN SALUJA Cunga
	2102220100075	Harjeet Singh
	2102220100076	HARSH BHARDWAJ
	- 2102220100077	Harsh Kumar Patel
	2102220100078	Harsh Pandey
	2102220100079	Harsh Rajput
)	2102220100081	Harshit Kumar Dwivedi
-	2102220100082	Harshvardhan Pathak
	2102220100083	Himanshi Bhardwaj
-	2102220100084	Hiresh Kumar
	2102220100085	Isha Deol
-	2102220100086 2102220100088	Ishika Saxena
-	2102220100089	Kalpana Kushwaha Kolgo
	2102220100089	Kamal Singh Karan Kumar
	2102220100090	KARTIKEY KESHARI
	2102220100091	Kartikey Shakya
	2102220100095	KISHAN TRIPATHI
	2102220100096	Krish Verma
	2102220100097	Krishna Km Ojha
	2102220100099	Kunwar Bhagar Singh
	2102220100100	Kushagra Gangwar Kush
	2102220100101	Lakshya Pratap Singh
	2102220100103	Lokesh Sharma
	2102220100104	Manasvi Lalit
	2102220100105	Manish Kumar Raj
	2102220100106	Manish Verma Manush Ve
	2102220100107	Manish Kumar Raj Manish Verma Manish Verma Manish Verma Manish Kumar Raj Manish Rumar Raj Manish Rumar Raj
-	2102220100108	
-	2102220100109	Md Adil Imran Ynd.
-	2102220100110	MD. SERAJ ANWAR MOH. FAIZAN
	2102220100111 2102220100112	MOH. FAIZAN MOHD SAAD
	2102220100112	Mohd Uvesh
-		MRITUNJAY RAI
1	2102220100114	Mukul Negi
	2102220100115	Navya Srivastava
+	2102220100117	Neeraj Kumar
r	2102220100117	
+	2102220100119	Niharika Shivhare Niharika Tiwari
1	2102220100120	Nikhil Kumar
1	2102220100121	Nikhil Kumar Nikhil Kumar Maurya Wilikhi Nikhil Verma Nisar Ansari
+	2102220100122	Nikhil Verma
+	2102220100123	Nisar Ansari
1	2102220100124	Nisar Ansari Nishant Kumar Dubey NITIN YADAV
+		NITIN YADAV
-		Nityam Kumar Mishra
1		Nityanav Sharma
		Nupur Kumari
		PARTHIVI MALIK
1		Patel Piyush Dinesh
1		Piyush Kumar Singh
		Pragya Chaudhary
		atin Kumar
1		Crishna Bhardwaj
1		Piyush Kumar Singh Pragya Chaudhary latin Kumar Krishna Bhardwaj Krishna Mahto Md. Asharaf Khan Mir Sabreena lanjan Sarkar Kohit Kumar
		Md. Asharaf Khan
		Mir Sabreena
		Ranjan Sarkar
		Rohit Kumar
1		abia Gulzar

		ment of CSE
	CSE-Second Year	4th Semester-Section-C
Sr.No	Roll No.	Name
1	2102220100133	Prakhar Pandey Prakhas
2	2102220100134	Prakhar Prakash Singh Prakios
3	2102220100136	Priya Kumari
4	2102220100137	Priya Sah Deo Priya
5	2102220100139	Raj Rajput hai Ray hat
6	2102220100140	RAJA PRASAD Raja Priasad
7	2102220100141	RAISHREEE KCUShyee.
8	2102220100144	Rohan Rohan
9	2102220100145	Rohan Kumar Rohan Kumase
10	2102220100146	Rohit Sharma Rohit
11	2102220100147	Roshan Singh
12	2102220100148	Sachin Kumar
13	2102220100149	Sagar Singh
14	2102220100150	Sagar Singh
15	2102220100151	Saiba Ajaz
16	2102220100152	Saif Ahmad Ansari
17	2102220100154	Saksham Vasistha Was The
18	2102220100155	SANDEEP KUMAR YADAV Donders
19	2102220100156	Sandeep Sharma
20	2102220100158	SATYAM SINGH
21	2102220100159	Satyam Singh Kushwaha
22	2102220100160	Saurabh Kumar Jha
23	2102220100161	Shannawaz Khan Sanukhan
24	2102220100162	Silivatisti Setti
25	2102220100163	Shivansh Sharma
26	2102220100164	Shivesh Kumar Jha
27	2102220100165	SHREYA UPADHYAY Shew
28	2102220100166	Shruti Pragya
29	2102220100167	Shrutika Dhiraj Patel
30	2102220100168	Shubham Mishra Chileham Mishre
31	2102220100169	Sidulant Jadoun
32	2102220100170	Siddharth Ojha Siddhordh Ojha
33	2102220100171	Somil Bhardwaj
34	2102220100172	SRIJAN SHUKLA SAMOY
35	2102220100176	Suraj Kumar Prasad Swia
36	2102220100177	Sushant Kumar
37 38		Sweta Mishra
		Syed Aqib Abbas
39		Tarun Kumar Dubey Janua Kluba
40		TARUN SINGH Tarun Sough
41		Tulshi Sharma
42		Uttpai Kant UM
43		VAIBHAV KUMAR SINGH
44		Vaishali Chaurasia
45		Varun Sharma Varuh
46		Varun Tyagi Alakun Tuggi -
47		VIDHI BHATI
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49		Vikash Tiwari Vikas
50		Vinay Kumar Solanki Vinay Solar Mi
51		may radav Jugal, .
52		/ipin Kumar Vubin
53		/ipul Upadhyay
54	2102220100197 V	/ishal Bhardwaj
55		ishnu Kumar
56		rishnu Singh Ushan Singh .
57.	2102220100200 V	ishu Vishu
58		ash
59		ash Joshi
50	2102220100203 Y	atio Manager V
1		ohit Patel

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HOD - CSE I.T.S. Engineering College

14/06/23

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Sr. No. Roll Number Name Satch			NAME OF TAXABLE PARTY.	L 4th Sem.	
1 2102221640001 Abhay Adarsh Vishesh Aditya Rai Aditya Rai Aditya Shubham Jha Afzal Ansari Akshita Khanduri Amrendra Chaudhary Angeel Sharma Angeel Sh		- Trailing	and the same of th	Name	Batch
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34		2102221640044			
35		2102221640045			Livam
36		2102221640047			
37 2102221640049 Suryansh S Garg Walland G2 38 2102221649001 ABHAY PRATAP SINGH 40 2202221649002 ADITYA YADAV 41 2202221649003 ANAS KHAN 42 2202221649004 DEVRAJ SHARMA 43 2202221649005 KANCHAN 44 2202221649006 SHUBHAM VISHWAKARM 45 2202221649007 SHUBHAM SHUBHANG MISHRA 46 2202221649008 SUMANT KUMAR TIWARI 47 2202221649009 VARUN TIWARI Varianti	ALI DITAN	2102221640048			
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I.T.S Engineering College, Greater Noida

Department of Electrical & Electronics Engineering

Rockwell Automation Centre of Excellence : Assessment sheet

Batch

2018-22 2020-21

session Sub:

Industrial Automation & Control

Code:

RA-COE

Methodology		Scale							
Co	urse Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)			
CO-1	To understand the concepts of PLC based Program Control instructions	Not able to explain properly the concepts of PLC based Program Control instructions	Somehow managed to explain the concepts of PLC based Program Control instructions	Good Explanation of the concepts of PLC based Program Control instructions	Better Explanation with examples of the concepts of PLC based Program Control instructions	Excellent Explanation the concepts of PLC based Program Control instructions			
CO-2	To apply the concepts of Program Control and Data manipulation Instructions.	Does not able to apply the concepts of Program Control and Data manipulation Instructions.	Somehow able to apply the concepts of Program Control and Data manipulation Instructions.	Able to apply the concepts of Program Control and Data manipulation instructions.	Better applications for the concepts of Program Control and Data manipulation instructions.	Excellent applications for the concepts of Program Control and Data manipulation instructions.			
CO-3	To analyze the performance of Process Control and Network Systems.	Not able to analyze the performance of Process Control and Network Systems.	Somehow able to analyze the performance of Process Control and Network Systems.	Good analysis for the performance of Process Control and Network Systems.	Good analysis for the performance of Process Control and Network Systems.	Excellent analysis for the performance of Process Control and Network Systems.			
CO-4	To evaluate the performance of PLC and SCADA System.	Not able to demonstrate the performance of PLC and SCADA System.	Somehow able to demonstrate the performance of PLC and SCADA System.	Good demonstration for the performance of PLC and SCADA System,	Better demonstration for the performance of PLC and SCADA System	Excellent demonstration for the performance of PLC and SCADA System.			
CO-5	To create PLC, SCADA & HMI based projects.	PLC, SCADA & HMI based Designed project is not working.	PLC, SCADA & HMI based Designed project is working.	PLC, SCADA & HMI based Designed project is working but project explanation is not proper.	PLC, SCADA & HMI based Designed project is working and project explanation is proper.	PLC, SCADA & HMI based Designed project is working and project explanation is excellent.			

To Engineering College Greater Noida

Sud Rais Rais am)

S.No.	Roll No.	Name of the Students	To understand the co	oncepts of PLC based rol instructions	Control and D	ncepts of Program ata manipulation uctions.	performance Control ar	llyze the ce of Process nd Network tems.	To evalo performance SCADA	of PLC and	SCADA &	te PLC, HMI based ects.		Certified (Y/N)
"			2	25		25	50		50		50		200	
			Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	
1	1822221001	ABHISHEK KUMAR	20	Y	21	Y	42	γ	43	γ	42	Y	168	Y
2	1822221003	ANURAG RISHI	12	N	13	N	24	N	27	N	26	N	102	N
3	1822221004	ARJUN KUMAR	21	Y	22	Y	43	Υ	44	Y	43	Y	173	Y
4	1822221005	ARUN KUMAR VERMA	22	Y	23	γ	44	Y	45	Y	28	N	162	Y
5	1822221006	ASIF REJA	23	Y	24	Y	46	Y	46	Y	45	Y	184	Y
6	1822221007	ASHUTOSH PRATAP	13	N	14	N	26	Y	29	Y	28	N	110	N
7	1822221009	DHANANJAY	21	Y	22	Y	42	Y	42	Y	41	Y	168	Y
8	1822221010	HARSHIT	20	Y	21	Y	40	N	22	N	21	Y	124	Y
9	1822221011	HIMANSHU YADAV	14	N	14	N	28	N	28	N	26	N	110	N.
10	1822221014	MANISH KUMAR	18	Y	19	γ	36	Y	39	Y	38	Y	150	Y
11	1822221015	MD DANISH	11	N	12	N	22	N	24	N	23	N	92	N
12	1822221016	MOHAMMAD SHADAB	10	N	11	N	20	N	22	N	21	N	84	N
13	1822221017	NITENDRA KUMAR	11	N	12	N	22	N	24	N	23	N	92	N
14	1822221018	PARAS NATH YADAV	18	Y	16	Υ	36	N	32	N	31	Y	133	Y
15	1822221019	RAVI KUMAR	17	Y	18	Y	34	Y	36	Y	35	Y	140	Y
16	1822221020	ROHIT SAHU	18	Y	19	Υ	36	Y	38	Y	37	Y	148	Y
17	1822221021	ROHIT SAHU	16	Y	17	Y	32	Y	34	Y	33	Y	132	Y
18	1822221022	SADHANA SINGH	14	N	15	Y	28	Y	30	Y	29	Y	116	N
19	1822221023	SALMAN	13	N	14	N	26	N	28	N	27	N	108	N
20	1822221024	SHIVAM SINGH	21	Y	22	N	25	N	25	N	38	N	131	Y

Y≥ 60% Else N

Director College

ITS Engineering College

Greater Noida

endre R. Barman) (Daile Lambur)

Ind	ustrial Automatio	n & Control (COE- F	Rockwell Automation)
		Training	
	S	ession 2018-2019 (EE	E)
S.No	Roll No.	Student Name	Certified(Y-Yes/ N- No)
1	1522221008	AVINASH KUMAR	N
2	1522221011	MD. SHAQUEEB	Y
3	1422221009	DEEPANSHU LAL	N
4	1522221017	RAHUL UPADHAY	Y
5	1522221014	NIKHIL SAHU	Y
6	1522221009	DEEPAK KUMAR SINGH	Y
7	1522221013	MUKESH KUMAR	Y
8	1522221007	ANUPAM KUMAR	Y
9	1522221004	AKARSH SONI	Y
10	1522221010	KUNWAR BAHADUR SINGH	Y
11	1522221015	NITIN KUMAR SHARMA	Y
12	1522221006	ANKIT SINGH	Y
13	1522221016	PRAFFULLA KANT	Y
14	1622221901	ASHISH PRATAP GAUTAM	Y
15	1422221005	ASHISH GAUTAM	N
16	1522221012	MD. ZEESHAN	Y
17	1522221018	RAJ KUMAR	Y
18	1522221002	ADITYA RAJ SINGH	Y
19	1522221019	RAJ KUMAR	Y
20	1522221003	AHMAR	N
	No. of students attended =	20	
	No. of students Certified =	16	
	No. of students Not certified =	4	

Head of Department
Electrical & Electronics Engg.
I. T. S. Engg. College
78 Greater Noic.3

Evaluation-Session 2018-2019 (EEE)

.No	Roll No.	Student Name	Attendanc e (20)	Lab Performance (30)	Final Assessment (50)	Total Marks
1	1522221008	AVINASH KUMAR	18	22	14	.54
2	1522221011	MD. SHAQUEEB	16	24	25	65
3	1422221009	DEEPANSHU LAL	18	21	15	54
4	1522221017	UPADHAY	1.7	23	28	68
5	1522221014	NIKHIL SAHU	16	26	26	68
6	1522221009	DEEPAK KUMAR SINGH	18	24	27	69
7	1522221013	MUKESH KUMAR	17	25	28	70
8	1522221007	ANUPAM KUMAR	16	23	32	71
9	1522221004	AKARSH SONI	18	22	33	73
10	1522221010	KUNWAR BAHADUR SINGH	19	23	40	82
11	1522221015	NITIN KUMAR SHARMA	16	24	38	78
12	1522221006	ANKIT SINGH	16	25	42	83
13	1522221016	KANT	15	23	44	82
14	1622221901	ASHISH PRATAP GAUTAM	17	26	40	83
15	1422221005	ASHISH GAUTAM	16	21	11	48
16	1522221012	MD. ZEESHAN	18	25	38	81
17	1522221018	RAJ KUMAR	17	25	38	80
18	1522221002	SINGH	18	24	27	69
19	1522221019	RAJ KUMAR	18	26	28	72
20	1 -00001000	AHMAR	17	23	11	51

No. of students attended =

No. of students Certified =

No. of students Not certified =

20

16

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(Polis Barnan)

Head of Department Electrical & Electronics E

LTS Enga. College

Greater Noida

Session 2019-2020 (EEE)

\$.No	Roll No.	Student Name	Certified(Y-Yes/N-No)
1	1622221001	Aakash Gupta	Y
2	1622221005	ANIL PRAJAPATI	Y
3	1622221022	TUIBA MUSHTAQ	Y
4	1622221002	ABHISHEK KR JAISAWAL	Y
5	1622221004	AKSHAY VERMA	Y
6	1622221017	SHIVAM	Y
7	1622221019	SHREYASH SAHAY	Y
8	1622221003	AJAY KUMAR	Y
9	1722221901	AKHILENDRA DUBEY	Y
10	1722221904	MADHVENDRA DUBEY	Y
11	1622221012	MD SAMIER ALAM	Y
12	1622221013	PRINCE SHAHNI	N
13	1622221018	SHIVAM RATHORE	Y
14		ANUJ KATIYAR	Y
15	1622221020	SRISHTI KUMARI	Y
16		DAWOOD AHMAD	Y
17		JAFFER AMIN SOFI	N
18		HIMANSHU KUMAR	N

No. of students attended =	18
	15
No. of students Certified =	3
No. of students Not certified =	

Or. Rollin Band and)

Head of Department
Electrical & Electronics Engg.
I. T. S. Engg. College
Greater Noida

	Evaluation-Sess	sion 2019-2020 (EE	E)			
S.No	Roll No.	Student Name	Attendance (20)	Lab Performa nce (30)	Assess ment (50)	Total Marks (100)
1	1622221001	Aakash Gupta	17	26	23	66
2	1622221005	ANIL PRAJAPATI	18	25	28	71
3	1622221022	TUIBA MUSHTAQ	16	23	30	69
4	1622221002	ABHISHEK KR JAISAWAL	17	23	30	70
5	1622221004	AKSHAY VERMA	18	25	24	67
6	1622221017	SHIVAM	18	24	27	69
7	1622221019	SAHAY	17	25	= 29	71
8	1622221003	AJAY KUMAR	18	22	32	72
9	. 1722221901	DUBEY	18	23	32	73
10	1722221904	MADHVENDRA DUBEY	17	24	35	76
11	1622221012	ALAM	18	24	39	81
12	1622221013	PRINCE SHAHNI	16	17	15	48
13	1622221018	RATHORE	18	24	.38	80
14	1622221006	ANUJ KATIYAR	15	26	34	75
15	1622221020	SRISHTI KUMARI	16	23	9	48
16	1722221902	DAWOOD AHMAD	18	25	38	81
17	1722221903	SOFI	13	16	23	52
18	1722221902	HIMANSHU KUMAR	14	14	18	46

No. of students attended = 18
No. of students Certified = 15
No. of students Not certified = 3

Head of Department
Head of Department
Electrical & Electronics Engg.
T. S. Engg. College
Greater Noida
Greater Noida

Session 2020-2021 (EEE)

			Certified(Y-Yes/ N-
.No	Roll No.	Student Name	No)
1	1822221901	GULAFSHAN MANJOOR	Υ
2	1722210127	RIJUL SINGH	Υ
3	1722221021	SONAM BHARTI	Υ
4	1722221015	MOHD. NADEEM SAIFI	Y
5	1722221015	MD. ISRAR ALAM	Y
6	1722221017	RANJAN SINHA	Υ
7	1722221014	MD. SHAREYAR	Υ
8	1722221010	HARSHIT KUMAR SINGH	Υ
9	1722221011	KAMLESH THAKUR	Υ
10	1722221006	DEVRAJ KASANA	Υ
[]	1722221019	Sagar Bhatt	N
12	1722221022	Sunil Gupta	Υ
13	1722221008	Durgesh Kumar	Υ
14	1822221903	Shubham Chaudhary	Υ
15	1722221009	GAUTAM KUMAR	Υ
16	1722221004	ASIF KARIM	N
17	1722221005	AZAD ALI	N
1.8	1722221002	ABHINANDAN KUMAR	γ
19	1722221007	DHANANJAY YADAV	Υ
20	1722221016	NISHU KUMAR	Y

No. of students attended = 20
No. of students Certified = 16
No. of students Not certified = 3

Head of Department
Electrical & Electronics Engg.

I. T. S. Engg. College

Greater Noida

(Dr. Rayh Ranjan)

	Evaluation-S	Session 2020-2021 (EEE)	Tale	Final	Total
				Lab Performanc	Assessme	Marks (100)
S.No	Roll No.	Student Name	(20)	e (30)	nt (50)	
1	1822221901	GULAFSHAN MANJOOR	16		33	71
2	1722210127	RIJUL SINGH	15			
3	1722221021	SONAM BHARTI	17	21	40	78
4	1722221015	MOHD, NADEEM SAIFI	16		44	83
5	1722221015	MD. ISRAR ALAM	18			-
6	1722221017	RANJAN SINHA	18			
7	1722221014	MD. SHAREYAR	17	25	39	81
8	1722221010	HARSHIT KUMAR SINGH	16			-
9	1722221011	KAMLESH THAKUR	16			
10	1722221006	DEVRAJ KASANA	17			
11	1722221019	Sagar Bhatt	16			
12	1722221022	Sunil Gupta	16			
13	1722221008	Durgesh Kumar	15	23		_
14	1822221903	Shubham Chaudhary	18			
15	1722221009	GAUTAM KUMAR	17	21	1 24	
16	1722221004	ASIF KARIM	12	19		
17	1722221005	AZAD ALI	13	18	3 16	5 4
18	1722221002	ABHINANDAN KUMAR	1.8	3 24	1 24	1 6
19	1722221007	DHANANJAY YADAV	18	3 20	5 39	
20	1722221016	NISHU KUMAR	17	7 2:	3 3	7 7

No. of students attended = 20
No. of students Certified = 16
No. of students Not certified = 3

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Head of Department
Electrical & Electronics Engg.
I. T. S. Engg. College
Greater Noida

Session 2021-2022 (EEE)

S.No	Roll No.	Student Name	Certified(Y-Yes/ N-No)
p-se	1822221022	SADHANA SINGH	Y
2	1822221023	SALMAN	N
3	1822221017	NITENDRA KUMAR	Y
4	1822221006	ASIF REZA	Y
5	1822221007	ASHUTOSH PRATAP SINGH	Y
6	1822221016	MD. SHADAB	Y
7	1822221015	MD.DANISH	Y
8	1822221014	MANISH KUMAR	N
9	1822221011	HIMANSHU YADAV	Y
10	1822221001	ABHISHEK KUMAR	Y
11	1822221005	ARUN KUMAR VERMA	Y
12	1822221004	ARJUN KUMAR	N
13	1822221021	ROHIT SAHU	Y
14	1822221003	ANURAG RISHI	Y
15	1822221024	SHIVAM SINGH	Y
16	1822221010	HARSHIT ROY	Y
17	1822221019	RAVI KUMAR	Y
18	1822221020	ROHIT SAHU	Y
19	1822221009	DHANANJAY KUSHWAHA	Y
20	1822221018	PARASNATH YADAV	Y

No. of students attended = 20
No. of students Certified = 17
No. of students Not certified = 3

(Dr. Raylin Ramjan)

Head of Department
Electrical & Electronics Engo
IT. S. Engg. College
Greater Noida

	Evaluation -Se	ssion 2021-2022 (EEF	2)			
S.No	Roll No.	Student Name	Attendance (20)	Lab Performan ce (30)	Assessmen t (50)	Total Marks (100)
1	1822221022	SADHANA SINGH	19	26	31	76
2	1822221023	SALMAN	13	17	21	51
3	1822221017	NITENDRA KUMAR	17	25	26	68
4	1822221006	ASIF REZA	18	26	27	71
5	1822221007	ASHUTOSH PRATAP SINGH	16	28	25	69
6	1822221016	MD. SHADAB	17	26	27	70
7	1822221015	MD.DANISH	16	25	25	66
8	1822221014	MANISH KUMAR	18	26	4	48
9	1822221011	HIMANSHU YADAV	16	26	25	67
10	1822221001	ABHISHEK KUMAR	18	20	36	74
11	1822221005	ARUN KUMAR VERMA	18	22	37	77
12	1822221004	ARJUN KUMAR	17	25	11	53
13	1822221021	ROHIT SAHU	15	26	40	81
14	1822221003	ANURAG RISHI	15	24	37	76
15	1822221024	SHIVAM SINGH	14	27	31	72
16	1822221010	HARSHIT ROY	17	24	30	71
17	1822221019	RAVI KUMAR	16	25	28	69
18	1822221020	ROHIT SAHU	18	25	27	70
19	1822221009	DHANANJAY KUSHWAHA	18	24	38	80
20	1822221018	PARASNATH YADAV	17	22	32	71

No. of students attended =

No. of students Certified =

No. of students Not certified =

20

17

3

Of Garganian)

Head of Department

Electrical & Electronics Engg.

I. T. S. Engg. College

Greater Noida

(NBA & NAAC Accredited)

46, Knowledge Park-III, Greater Noida, Distt. Gautam Budh Nagar (U.P.) Ph: (0120) 2331000/1, Website: its.edu.in

<u>Department of Electrical & Electronics Engineering</u> Industrial Automation & Control

Centre of Excellence - Rockwell Automation

Content and Schedule

Module-1

Unit-1:

PLC Overview: Introduction, Parts of PLC, Principle of Operation, PLC Vs Computers, PLC Application

Unit2:

PLC Hardware Components, The I/O section, Discrete I/O Module, Analog I/O Module, CPU, I/O specifications, Memory Design, Programming Terminal Devices

Unit3:

Fundamental of Logic: Binary Concept, AND, OR, NOT, XOR Function, Boolean Algebra, Developing Logic Gate Circuits, Hardware Logic versus Programmed Logic, Programming word Level Logic Instructions

Unit4:

Basics of PLC Programming:

Processor Memory Organization, Program Scan, PLC Programming Language, Relay – Type Instructions, Instruction Addressing, Branch Instructions, Programming XIO/XIC Instructions.

References:

Books:

- 1. Programmable Logic Controllers Frank D and Petruzella, Mc Graw Hill.
- 2. PLCs & SCADA Theory and Practice by Rajesh Mehra and Vikrant Vij, University Science Press.

NPTEL Link:

https://nptel.ac.in/downloads/108105063/

YouTube:

https://www.youtube.com/watch?v=Ei4 HqzUFBs

Dr. Rajiv Ranjan

Coordinator, Rockwell Automation COE Assistant Professor, EEE Dept.

HEART OF EXPRINTENSING ENGINEERING ENGINEERING ENGINEERING COURSES ENGINEERING OF EAST OF EAST

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Department of Electrical & Electronics Engineering Department of Electrical & Electronics Engineering Industrial Automation & Control Centre of Excellence - Rockwell Automation Content and Schedule

Module-2

Unit-1: Programmable Logic Controllers: PLC Overview, Principle of Operation, PLC Hardware Components, Fundamental of Logic, Basics of PLC Programming, PLC Application.

Unit 2: PLC Manufacturing Companies and Types of PLC: Siemens, Rockwell automation, ABB, Schneider Electric, Mitsubishi electric, Yokogawa electric, Omron automation, Allen Bradley, Modicon etc.

Unit3: Developing Fundamentals of PLC wiring Diagrams & Ladder Logic Programs: Electromagnetic Control Relays, Contactors, Motor Starters, Manually Operated Switchs, Mechanically Operated Switches, Sensors, Output Control Devices, Latching Relays Wiring a RLL program.

Unit 4:Programming Timer & Counters: Timer Instructions, On- Delay Timer, Off- Delay Timer, Retentive, Cascading Timer, Counter Instructions, Up- Counter, Down Counter, Cascading Counter.

References:

Books:

- 1. Programmable Logic Controllers Frank D and Petruzella, Mc Graw Hill.
- 2. PLCs & SCADA Theory and Practice by Rajesh Mehra and Vikrant Vij, University Science Press.

NPTEL Link: https://nptel.ac.in/downloads/108105063/ YouTube: https://www.youtube.com/watch?v=Ei4 HqzUFBs

I. T. S. Engg. College

Greater Noida

Assistant Professor, EEE Dept.

Department Engo.

Coordinator, Rockwell Automation COE

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<u>Department of Electrical & Electronics Engineering</u> Industrial Automation & Control <u>Centre of Excellence - Rockwell Automation</u>

Content and Schedule

Module-3

Unit-1:Developing PLC wiring Diagrams & Ladder Logic Programs using Timers & Counters: Converting Relay Schematic into PLC Ladder Programs, Combining Timer and Counter Functions. Writing a Ladder Logic Program from a Narrative Description.

Unit 2: Program Control instructions: Master Control Reset Instructions, Jump Instruction, Subroutine Functions, Forcing External I/O Addresses, Selectable Timer Interrupt, Fault Routine, Suspended Instruction.

Unit 3: Data manipulation Instructions:

Data Manipulation, Data transfer Operations, Data Compare, Data Manipulation Programs, Numerical Data I/O Interfaces, Closed Loop Control.

Unit4: Sequencer and Shift Register Instructions: Mechanical Sequencers, Sequencer Instructions, Sequencer Programs, Bit Shift Registers, Word Shift Operations.

References:

Books:

- 1. Programmable Logic Controllers Frank D and Petruzella, Mc Graw Hill.
- 2. PLCs & SCADA Theory and Practice by Rajesh Mehra and Vikrant Vij, University Science Press.

NPTEL Link:

https://nptel.ac.in/downloads/108105063/

YouTube:

https://www.youtube.com/watch?v=Ei4_HqzUFBs

Dr. Rajiv Ranjan

Coordinator, Rockwell Automation COE Assistant Professor, EEE Dept.

Electrical & Electronics Engg.

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Department of Electrical & Electronics Engineering Industrial Automation & Control Centre of Excellence - Rockwell Automation

Content and Schedule

Module-4

Unit 1: PLC Installation Practices, Editing and Troubleshooting

PLC Enclosures, Leaky Input and Outputs, Voltage Variations and Surges, Program Editing and Commissioning, Programming and Monitoring, Preventive Maintenance, Troubleshooting: Processor Module, Input Malfunctions, Output Malfunctions, PLC Programming Software.

Unit 2: Process Control and Network Systems: Types of Processes, Structure of Control Systems, On/Off Control, PID Control, Motion Control, VFD, Data Communication.

Unit 3: SCADA Animations: Animation Dialog Box, Memory Tag, Text Animation, String Display and String Input, Fill Animation, Label, Slider, Position Animation, Dimension Animation, Touch Animation, HMI.

Unit4: PLC & SCADA Interface: Introduction, SCADA Software Installation, PLC-SCADA Project Development, Alarming, Data Logging, Event Detection, Derived Tags, Macros, Trends, OLE.

References:

Books:

1. Programmable Logic Controllers Frank D and Petruzella, Mc Graw Hill.

2. PLCs & SCADA Theory and Practice by Rajesh Mehra and Vikrant Vij, University Science Press.

NPTEL Link: https://nptel.ac.in/downloads/108105063/ YouTube: https://www.youtube.com/watch?v=Ei4 HqzUFBs

Coordinator, Rockwell Automation COE Assistant Professor, EEE Dept.

J. T. S. Engg. College Greater Noida

Head of Department

Electrical & Electronics Engg

I.T.S Engineering College, Greater Noida

Department of Electrical & Electronics Engineering

Rockwell Automation Centre of Excellence : Assessment sheet

Batch

2019-23

session Sub: Code:

2020-21

RA- COE

Concepts of PLC and its applications

51.	Methodology	mission in a settler		Scale		
Co	urse Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
CO-1	To understand the concepts of PLC and applications	Not able to explain properly the concepts of PLC and applications	Somehow managed to explain the concepts of PLC and applications.	Good Explanation of the concepts of PLC and applications	Better Explanation with examples of the concepts of PLC and applications	Excellent Explanation the concepts of PLC and applications
CO-2	To apply the concepts of PLC and PLC programming.	Does not able to apply the concepts of PLC and PLC programming.	Somehow able to apply the concepts of PLC and PLC programming.	Able to apply the concepts of PLC and PLC programming.	Better applications for the concepts of PLC and PLC programming.	Excellent applications for the concepts of PLC and PLC programming, with examples
CO-3	To analyze the performance of controller.	Not able to analyze the performance of controller.	Somehow able to analyze the performance of controller.	Good analysis for the performance of controller.	Good analysis for the performance of controller.	Excellent analysis for the performance of controlle
CO-4	To evaluate the performance of PLC.	Not able to demonstrate the performance of PLC.	Somehow able to demonstrate the performance of PLC.	Good demonstration for the performance of PLC.	1/20	Excellent demonstration for the performance of PLC.
CO-5	To create PLC based projects.	Designed project is not working.	Designed project is working.	Designed project is working but project explanation is not proper.	Designed project is working and project explanation is proper	Designed project is working and project capplanation is excellent

Director

Oregineering College

Greater Noida

S.No.	Roll No.	Name of the Students		d the concepts applications	PLC a	ne concepts of and PLC amming.	Control of the state of the	lyze the nance of coller.	To eval perforn PI	nance of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ite PLC projects.	Total Score	Certifi
S		Traine of the State its	2	5		25	5	0	5	0	5	0	200	(Y/N)
			Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	
1	1902220210001	ABHISHEK. KUMAR	14	N	12	N	24	N	28	N	25	N	103	N
2	1902220210002	AMIR MUZAFAR MIR	12	N	11	N	22	N	21	N	20	N	86	N
3	1902220210003	ANKIT SINGH.	21	. У	20	Υ	40	Y	44	Y	43	Y	168	Y
4	1902220210004	DHANANJAY YADAV.	22	Y	21	Y	42	Y	46	Y	28	N	159	Y
5	1902220210006	IMRAN FAYAZ	11	N	10	N	20	N	24	N	23	N	88	N
6	1902220210007	MANISH PANDEY	19	Υ	18	Υ	36	Y	40	Y	39	Y	152	Y
7	1902220210008	MAYANK SENGAR	21	Y	20	Υ	40	Y	44	Y	24	N	149	Y
8	1902220210009	MD SAHIL ANSARI	17	Y	16	Υ	32	Y	36	Y	35	Y	136	Y
9	1902220210010	MOHAMMAD FAISAL FAROOQ W	11	N	10	N	20	N	24	N	26	N	91	N
10	1902220210011	SACHIN. KUMAR	13	Y	12	Y	24	N	28	N	27	N	104	N
11	1902220210012	SHIVENDRA SINGH	18	Y	17	Y	34	Y	38	Y	37	Y	144	Y
12	1902220210013	SHUBHAM KUMAR.	22	Y	21	Υ	42	Y	46	Y	45	Y	176	Y
13	1902220210014	SUDHEER MISHRA	11	N	10	N	20	N	24	N	23	N	88	N
14	1902220210015	TARISH KHAN	16	Y	14	N	28	N	32	Y	31	Y	121	Y
15	2002220219001	MD. SAMIRUDDIN ANSARI	. 21	Y	20	Y	40	Y	44	Y	43	Y	168	Y

Y≥ 60% Else N

ITS Engineering College Greater Noida

91

I.T.S Engineering College, Greater Noida

Department of Electrical & Electronics Engineering

Rockwell Automation Centre of Excellence : Assessment sheet

Batch session 2019-23 2020-21

Sub:

Concepts of PLC and its applications

Code: RA- COE

1	Methodology			Scale		
	e Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
CO-1	To understand the concepts of PLC and applications	Not able to explain properly the concepts of PLC and applications	Somehow managed to explain the concepts of PLC and applications.	Good Explanation of the concepts of PLC and applications	Better Explanation with examples of the concepts of PLC and applications	Excellent Explanation the concepts of PLC and applications
CO-2	To apply the concepts of PLC and PLC programming.	Does not able to apply the concepts of PLC and PLC programming.	Somehow able to apply the concepts of PLC and PLC programming.	Able to apply the concepts of PLC and PLC programming.	Better applications for the concepts of PLC and PLC programming.	Excellent applications for the concepts of PLC and PLC programming, with examples
CO-3	To analyze the performance of controller.	Not able to analyze the performance of controller.	Somehow able to analyze the performance of controller.	Good analysis for the performance of controller.	Good analysis for the performance of controller.	Excellent analysis for the performance of controller.
CO-4	To evaluate the performance of PLC.	Not able to demonstrate the performance of PLC.	Somehow able to demonstrate the performance of PLC.	Good demonstration for the performance of PLC.	Better demonstration for the performance of PLC.	Excellent demonstration for the performance of PLC.

Rajir fairfam Director

(Rajir fairfam)

ITS Engineering College

(Rajir Noida

CO-5		Designed project is not working.	Designed project is	working but project	Designed project is	Designed project is working and project explanation is excellent.	
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(Bollin Gainsam)

TIS Engineering College
Greater Noida

S.No.	Roll No. Name of the Students		To understand the concepts of PLC and applications		To apply the concepts of PLC and PLC		To analy perform contro	ance of	PL	ance of .C.	To crea	rojects.	Total Score	Certified (Y/N)
S.N	Kon No.	Name of the students	2	OF IV	2	5	5	0	5	0		0	200	
			Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	Scale	Grade	
1	1902220210001	ABHISHEK. KUMAR	14	N	12	N	24	N	28	N	25	N	103	N
2	1902220210002	AMIR MUZAFAR MIR	12	N	11	N	22	N	21	N	20	N	86	N
	1902220210003	ANKIT SINGH.	21	Υ	20	Y	40	Y	44	Υ	43	Υ	168	Y
3		DHANANJAY YADAV.	22	Υ	21	Υ	42	Y	46	Υ	28	N	159	Y
4		IMRAN FAYAZ	11	N	10	N	20	N	24	N	23	N	88	N
5			19	Y	18	Y	36	Y	40	Y	39	Υ	152	Y
6	1902220210007	MANISH PANDEY	19		1/2				44	Y	24	N	149	Y
7	1902220210008	MAYANK SENGAR	21	Υ	20	Y	40	Y						Y
8	1902220210009	MD SAHIL ANSARI	17	Y	16	Y	32	Υ	36	Y	35	Y	136	La de
9	1902220210010	MOHAMMAD FAISAL F	11	N	10	N	20	N	24	N	26	N	91	N
10	1902220210011	SACHIN. KUMAR	13	Υ	12	Y	24	N	28	N	27	N	104	N
11	1902220210012	SHIVENDRA SINGH	18	Y	17	Y	34	Y	38	Y	37	Υ	144	
		SHUBHAM KUMAR.	22	Y	21	Y	42	Y	46	Υ	45	Y	176	Y
12		SUDHEER MISHRA	11	N	10	N	20	N	24	N	23	N	88	N
13		TARISH KHAN	16	Y	14	N	28	N	32	Y	31	Υ	121	Υ
14					20	Y	40	Y	44	Y	43	Y	168	Y
15	2002220219001	MD. SAMIRUDDIN ANS	3 21	Y	20		40							

Y≥ 60% Else N



I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

Department of Electronics & Communication Engineering

e-Yantra: Evaluation Rubric (Process) Beginner Course: Embedded Systems e-Yantra COE

			Scale		
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding of Basic components of electrical & electronic system	Not able to explain the basic components of electrical & electronic system.	Somehow managed to explain basic components of electrical & electronic system.	Good explanation about the basic components of electrical & electronic componnents.	Better Explanation about the components of electrical & electronic system.	Excellent explanation about the components of electrical & electronic system.
C2: Understanding various concepts of embedded system	Not Able to explain the applications of different components in embedded system	Somehow managed to explain the applications of different components in embedded system	Good explanation about the applications of different components in embedded system	Better explanation about the applications of different components in embedded system	Excellent explanation about the applications of different components in embedded system.
C3: Understanding of Arduino, C Programming and buzzer control	Not able to explain about arduino, C programming and its buzzer control	Somewhat able to explain about Arduino, C programming and its buzzer control	Good explanation about Arduino, C programming and its buzzer control	Better explanation about Arduino, C programming and its buzzer control	Best explanation about Arduino, C programming and it buzzer control
C4: Basic Interfacing with different sensors	Not able to apply the basic interfacing with any components	Somewhat able to apply the basic interfacing with some components	Able to apply the basic interfacing with some components but	Able to apply the basic interfacing with all components upto some extenet	Able to apply the basic interfacing with all components and was upto the
C5: Demonstrate Think Speak for IOT applications.	Not able to demonstrate Think Speak for IOT applications	Somehow Able to demonstrate Think Speak for IOT applications	Able to demonstrate Think Speak for IOT applications but not properly	Able to demonstrate Think Speak for IOT applications upto some extent	Excellently demonstrate Think Speak for IOT applications

C01	To understand basic components of electrical & electronic systems.
CO2	To understand the applications of different components in embedded system
CO3	To understand fundamentals of Arduino, C Programming and buzzer control.
CO4	To do interfacing with different sensors.
CO5	To demonstrate Think Speak for IOT applications.

Director ITS Engineering College Greater Noida,

Milan

I.T.S Engineering College, Greater Noida Department of Electronics & Communication Engineering

Marks Assessment sheet

Batch 2020-24 session 2021-22

Sub: Beginning Course: Embedded Systems

Methodology

Benchmark		75%		
	Level 1	55% Students secure more than 75% marks	Points	1
	Level 2	65% Students secure more than 75% marks	Points	2
Street Alve	Level 3	75% Students secure more than 75% marks	Points	3

	Course Outcome (COs)		
CO-1	To understand basic components of electrical & electronic systems.		11 E. 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CO-2	To understand the applications of different components in embedded system.		
CO-3	To understand fundamentals of Arduino, C Programming and buzzer control.		
CO-4	To do interfacing with different sensors.		
CO-5	To demonstrate Think Speak for IOT applications.	The state of the s	

S.No.	Roll No.	Name of the Students	Understanding electrical & el	g of Basic components of lectronic system (CO1)	Understa of vari compone embed system	ious ents of ided	of Ar progr	rstanding duino, C ramming buzzer of (CO3)	Basic into with dif sensors	ferent	Thin for appl	onstrate k Speak r IOT ications CO5)	Total Marks	Course Completed	
S				20	20			20	20		3	20	100	>75% (Y/N)	
			Marks	>75% (Y/N)	Marks	>75 % (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Grade	>75% (Y/N)		(****)	lle
1	2002220310016	RAHUL RAJ	13	N	17	Y	16	Y	16	Y	16	Y	78	Υ	
2	2002220310017	RAJU KUMAR	13	N	13	N	12	N	13	N	13	N	64	N	Director
3			14	N	15	Y	16	Y	14	N	12	N	71		neering (
4			14	N	15	Y	15	Y	15	Y	14	N	73		ater Nok
5		UMESH KUMAR	16	Y	17	Y	16	Y	16	Y	16	Y	81	Y	ator ito
6		VIKRAM KUMAR	18	Y	19	Y	20	Y	18	Y	18	Y	93	Υ	1
7		Navdeep Thakur	16	Y	15	Y	16	Y	16	Y	16	Y	79	Y	L
8	2102220319002	THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	18	Y	18	Y	18	Y	18	Y	18	Y	90	Υ /.	Λ .
9	2102220319003		18	Y	17	Y	18	Y	18	Y	18	Y	89	γ (Mes
	Level Achieve	ement	1	5	8			8	7			6		6	H
	CO Attainn	nent		0.56	0.89)	0	.89	0.7	8	0	.67		0.67	1

	Understanding of Basic components of electrical & electronic system	Understanding of various components of embedded system	Understanding of Arduino, C programming and buzzer control	Basic interfacin g with different sensor	Demonstrate Think Speak for IOT applications	Average	
100	0.56		7-105-109			0.56	
CO2		0.89			FO TE, HOLD TO ST. (0.89	
CO3			0.89	100	STATE OF THE STATE OF	0.89	
CO4				0.78		0.78	
CO5			A Transaction		0.67	0.67	
	A	verage Attainment	1,534	0-1-1-1		0.78	
	Over	rall CO Attainment %			THE PART OF	26.00	0.26

	PO1	PO2	PO3	Happing (Three Leve PO4					-					
COL	101	F02	103	F04	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3								1	1		1	3	1
CO 2	1 4	2		2 +	3	1	2		2 +				3	2
CO 3	2	1	1		2				1	1			1 2	2
CO 4	2	2	2	2	2				2	2	2		2	1
CO5	2	2	3	3	3				2	- 4	_ 2	2	2	1
verage	2	1.75	1.50	2.33	2.50	1.00	2.00		1.60	1.33	2.00	1.7	3	3
4			CO & PO At					adamata 1 SEabt		1.33	2.00	1.5	2.8	2
	POI	PO2	CO & PO At	tainment (Three Lev	el : 3-Stro	ngly Re	elated , 2-M		ly					2
001	PO1	PO2	CO & PO At				elated , 2-M	oderate, 1-Slight PO8	ly PO9		PO11	PO12		PSO2
	0.78		CO & PO At	tainment (Three Lev PO4	el : 3-Stro	ngly Re	PO7		ly					
CO 2	0.78 0.26	PO2 0.52	PO3	tainment (Three Lev	el : 3-Stro	ngly Re	elated , 2-M		ly PO9	PO10		PO12	PSO1 0.78	0.26
CO 2 CO 3	0.78		CO & PO At PO3	tainment (Three Lev PO4	el : 3-Stro	ngly Re	PO7		PO9 0.26 0.52	PO10 0.26		PO12	PSO1 0.78 0.78	0.26 0.52
CO 2 CO 3	0.78 0.26	0.52	PO3	tainment (Three Lev PO4	el : 3-Stro PO5	ngly Re	PO7		PO9 0.26 0.52 0.26	PO10 0.26	PO11	PO12	PSO1 0.78 0.78 0.52	0.26 0.52 0.78
CO 1 CO 2 CO 3 CO 4 CO5	0.78 0.26 0.52	0.52 0.26	PO3	tainment (Three Lev PO4 0.52	el : 3-Stro PO5 0.78 0.52	ngly Re	PO7		PO9 0.26 0.52	PO10 0.26		PO12	PSO1 0.78 0.78	0.26 0.52

ITS Engineering College
Greater Notes



I.T.S ENGINEERING COLLEGE GREATER NOIDA

(A NAAC Accredited Engineering College)

		e-Yantra : Evaluation l	Rubric (Process)		
	Depa	rtment of Electronics & Con	mmunication Enginee	ring	
	ORBLESKO, L. V.	e-Yantra : Evaluation R			
		Advance Course: Embe			
		e-Yantra C	19C-18-70		
			Scale		
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding of Firebird V AT Mega 2560 and its input output interfacing		Somehow managed to illustrate the firebird and its interfacing.	Good illustration of the firebird and its interfacing.	Better illustration of the firebird and its interfacing.	Excellent illustration of the firebird and its interfacing.
C2: Designing a system using Firebird AT Mega 2560	Not able to design a system using Firebird AT Mega 2560.	Somehow managed to design a system using Firebird AT Mega 2560.	Able to design a system using Firebird ATMega 2560 upto certain extent.	Able to design a system using Firebird ATMega 2560 but not upto the mark.	Able to design a system using Firebird using Firebird ATMega 2560 upto the mark.
C3: Understand the controlling of servo motor with AT Mega 2560	Not able to explain the servo motor and its controlling with AT Mega 2560.	Somehow managed to explain the servo motor and its controlling with AT Mega 2560.	Was able to explain the servo motor and its controlling with AT Mega 2560 upto certain extent.	Was able to explain the servo motor and its interfacing but not upto the mark.	Was able to explain the servo motor and its interfacing and was upto the mark.
C4: Understand the basics of Python Programming and its data structures.	Not able to explain the basics of Python programmingand its data structures.	Somehow managed to explain the basics of Python programming and its data structures.	Was able to explain the basics of python programming and its data structures but not upto the mark.	Was able to explain the basics of python programming and its data structures upto certain extent.	Excellent explain the basics of python programming and its data structures.
C5: Application of the python concepts in Arduino and Zigbee.	Not able to Demonstrate the python concepts in Arduino and Zigbee.	Somehow managed to demonstrate the python concepts in Arduino and Zigbee.	Was able to demonstrate the python concepts in Arduino and Zigbee but not upto the mark.	Was able to demonstrate the python concepts in Arduino and Zigbee upto certain extent.	Excellent demonstration the python concepts in Arduino and Zigbee upto the mark.
COI	To understand the Fireb	ird V- AT Mega 2560 and its in	terfacing with different en	nbedded systems.	
CO2	To apply and analyze di	fferent sensors with Firebird At I	Mega 2560	Wilson Stranger To A To	
CO3		olling of servo motor with At Me		interrupts.	
CO4		Python Programming and data st		1	2001
CO5		cepts in Arduino and Zigbee.		1/4	MUM

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I.T.S Engineering College, Greater Noida Department of Electronics & Communication Engineering

Marks Assessment sheet Advance Course to LabVIEW

Batch 2018-22 session 2020-21

Sub; Advance Course to LabVIEW

Methodology

Benchmark		75%	
	Level 1	55% Students secure more than 75% marks	Points 1
	Level 2	65% Students secure more than 75% marks	Points 2
	Level 3	75% Students secure more than 75% marks	Points 3

	Course Outcome (COs)
CO-1	To understand the application of various libraries in LabVIEW & Palettes in LabVIEW.
CO-2	To use best programming practices in LabVIEW.
CO-3	To acquire measurements with NI DAQ devices.
CO-4	To apply various non-NI instruments & connecting devices with DAQ to analyze the behavior of the designed module.
CO-5	To realize the communication between parallel loops.

S.No.	Roll No.	Name of the Students	Understand the lib	raries (CO1)	Progra practi LabV (CC	ces in IEW	measu	quire rements O3)	Analysis the behavior of the designed module (CO4)	comn on a Lab hard	ize the nunicati mong VIEW lwares (O5)	Total Marks	Course Complet ed
			20		- 20	0	2	20	20		20	100	>75% (Y/N)
			Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	Grade	>75% (Y/N)		
1	1822231001	ABHAY	18	Y	20	Y	18	Y	18	20	Y	94	Y
2	1822231003	AKANKSHA MISHRA	18	·Y	19	Y	18	Y	18	18	Y	91	Y
3	1822231005	ANIKET BANSAL	18	Y	19	Y	16	Y	16	16	Y	85	Y
4	1822231006	ANJALI	18	Y	19	Y	18	Y	18	18	Y	91	Y
5	1822231007	ANKIT GUPTA	18	Y	19	Y	18	Y	18	18	Y	91	Y

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	COA	ttainment	0.73			0.8	5	0.	73	0.73	0.0	59	0.	77
	Level A	chievement	19	Y III		22		1	9	19	1	8	2	0
26	1822231030	NISHANT GUPTA	16		Y	18	Y	18	Y	18	18	Y	88	Y
25	1822231029	NIKITA PANDEY	16		Y	19	Y	18	Y	18	18	Y	89	Y
24	1822231028	NIKHIL SINGH	14		N	15	Y	14	N	14	12	N	69	N
23	1822231027	NIHARIKA	16		Y	18	Y	18	Y	18	18	Y	88	1
22	1822231026	NAMAN GARG	18		Y	19	Y	18	Y	18	18	Y	91	
21	1822231025	MUSADIQ SADEEQ	18	1	Y	17	Y	18	Y	18	18	Y	89	
20	1822231024	MOHD SHAKAIB GHAZI	18		Y	19	Y	16	Y	16	16	Y	85	
19	1822231023	MOHD ASHRAF	14		N	13	N	12	N	12	12	N	63	
18	1822231022	SHAHRUKH AMBER	14		N	15	Y	12	N	12	12	N	65	
17	1822231020	KALPESH KUMAR	18		Y	17	Y	18	Y	18	18	Y	89	
16	1822231019	JANVI TOMAR	20		Y	19	Y	18	Y	18	16	Y	91	
15	1822231018	HEMANT SHARMA	14		N	15	Y	16	Y	16	16	Y	77	
4	1822231017	HARSH PUNDIR	18		Y	17	Y	18	Y	18	18	Y	89	
13	1822231016	CHETAN YADAV	18 .	on I I	Y	15	Y	14	N·	14	14	N	75	-
12	1822231015	ASHUTOSH KUMAR	12		N	12	N	14	N	14	14	N	66	-
11	1822231014	ASHISH KUMAR	16		Y	18	Y	16	Y	16	16	Y	82	+
10	1822231013	ASHISH KUMAR	12		N	12	N	12	N	12	12	N	60	+
9	1822231012	APOORVA OJHA	19		Y	17	Y	18	Y	17	18	Y	89	
8	1822231011	ANUPAMA RAJ	14		N	16	Y	16	Y	16	14	N	76	+
7	1822231008 1822231009	ANSHIT MALIK	15		Y	17	N	16	N	16	16	Y	81 71	-

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	Understand the libraries	Programming practices in LabVIEW	Acquire measurements	Analysis the behavior of the designed module	Realize the communication among LabVIEW hardwares	Average	
COI	0.73					0.73	
CO2		0.85				0.85	
CO3			0.73			0.73	
CO4				0.85		0.73	
CO5					0.69	0.69	1227
		Average At	tainment			0.77	
		Overall CO At	tainment %			25.67	0.26

			CO & PO Mapping (Thre	e Level : 3-Strong	ly Related	, 2-Moo	derate,	1-Slightly						
00.1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	3	2	2	3		1		3	3	2 *		2	3
CO 2	2	2	3		2				2	2			1	2
CO 3	3	3	3	2	2		2		3		2	2	2	2
CO4	3	2	2	3	2							1	1	2
CO 5	3	2	2	2	3	3			2	2	1	2	2	2
Average	2.6	2.4	2.40	2.25	2.40	3.00	1.50		2.00	2.22		-	-	-
								THE REAL PROPERTY.	2.50	2.33	1.67	2	2	3
								1-Slightly	2.50	2.33	1.67	2	2	3
	POI		CO & PO Attainment (Thr			, 2-Mc	oderate					2 PO12	IPSO1	3 IPSO2
COI	PO1 0.51		O & PO Attainment (Thr PO3 0.51	ee Level : 3-Strong	gly Related		derate	1-Slightly PO8	PO9	PO10	PO11	PO12		PSO2
CO 1 CO 2	PO1 0.51 0.51	PO2 0.77 0.51	O & PO Attainment (Thr PO3 0.51 0.77	ee Level : 3-Strong	PO5	, 2-Mc	oderate		PO9 0.77	PO10 0.77		PO12	0.51	PSO2 0.77
CO 1 CO 2 CO 3	PO1 0.51 0.51 0.77	PO2 0.77 0.51 0.77	O & PO Attainment (Thr PO3 0.51	ee Level : 3-Strong	gly Related	, 2-Mc	PO7 0.26		PO9 0.77 0.51	PO10	PO11 0.51		0.51	0.77
CO 1 CO 2 CO 3 CO 4	PO1 0.51 0.51 0.77 0.77	PO2 0.77 0.51 0.77 0.51	PO & PO Attainment (Thropos PO3 0.51 0.77 0.77 0.51	ee Level : 3-Strong PO4 0.51	PO5 0.77 0.51	, 2-Mc	derate		PO9 0.77	PO10 0.77 0.51	PO11	PO12	0.51 0.26 0.26	0.77 0.77 0.77
CO 1 CO 2 CO 3	PO1 0.51 0.51 0.77	PO2 0.77 0.51 0.77	O & PO Attainment (Thr PO3 0.51 0.77 0.77	PO4 0.51	PO5 0.77 0.51 0.51	, 2-Mc	PO7 0.26		PO9 0.77 0.51	PO10 0.77	PO11 0.51		0.51 0.26 0.26 0.51	0.77



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<u>Department of Electronics & Communication Engineering</u> <u>Centre of Excellence - National Instruments</u> <u>Beginner Course to LabVIEW (PART-1) (III SEM)</u>

Duration: 20 Hrs

CO1	To understand basic concepts of electronic circuit design using virtual instruments.
CO2	To understand the functions of various electronic components using automation.

Unit-1:

4 Hrs

Basic Introduction to LabVIEW, Working of LabVIEW, Organization of the LabVIEW system (Windows), LabVIEW installation, Toolkit support, Data type.

Unit 2:

4 Hrs

Numerical data representation, Boolean, String, String function, Array, NI my DAQ, Cluster, Loops For loop, while loop, Loop property.

Unit 3:

6 Hrs

Loop and data type, Graph and chart, Case structure, Enum and case, Virtual Instrument, Controls & constants, Indicators, Introduction to Front panel.

Unit4:

6 Hrs

Block Diagram of the Front panel, Terminals, nodes, wires, structures, Icon & connector pane, using & customizing VIs and sub-Vis, Menus, shortcut menus.

References:

Books:

- 1. LabVIEW: Graphical Programming, Fabiola De la Cueva, Richard Jennings.
- 2. LabVIEW for Everyone: Graphical Programming Made Easy and Fun, Jaffery Travis, Jim Kring, Prentice Hall.

NPTEL Link:

https://youtu.be/ZHNIKyYzrPE

YouTube:

https://youtu.be/mBSB9qCfl54

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<u>Department of Electronics & Communication Engineering</u> <u>Centre of Excellence - National Instruments</u> Beginner Course to LabVIEW (PART-2) (IV SEM)

Module-2 (for IV Semester)

Duration: 20 Hrs

CO3	To create the model for industrial applications.
CO4	To create sub-VIs of model for implementation.
CO5	To understand the DAQ device & implement customized hardware with LabVIEW.

Unit-1:

6 Hrs

Revising the concepts of LabVIEW, Sequence Structure, Timing Vi, Modularity, Sub-VI, Error Techniques.

Unit 2:

4 Hrs

DAQ hardware, Sequence Programming, State machine algorithm, Communication between parallel loops, Variables

Unit 3:

4 Hrs

Property Nodes, Invoke Node, Control Reference, Queues, Event Program, Design pattern

Unit4:

6 Hrs

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Error handler, Types of design pattern, File I/O format, Binary file, TDMS and Excel, DAQ hardware

References:

Books:

1. LabVIEW: Graphical Programming, Fabiola De la Cueva, Richard Jennings.

2. LabVIEW for Everyone: Graphical Programming Made Easy and Fun, Jaffery Travis, Jim Kring, Prentice Hall.

NPTEL Link:

https://youtu.be/ZHNIKyYzrPE

YouTube:

https://youtu.be/mBSB9qCfl54

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I.T.S ENGINEERING COLLEGE GREATER NOIDA

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NI: Evaluation Rubric (Process)

Department of Electronics & Communication Engineering

NI- COE

NI COE: Beginner Course to LabVIEW

	Scale							
Expected Criteria	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)			
C1: Understand the design of electronic circuits	Not able to explain about the design of electronic circuits.	Somehow managed to explain the design of electronic circuits.	Good Explanation about design of electronic circuits.	Better Explanation about the design of electronic circuits.	Excellent Explanation about the design of electronic circuits.			
C2: Understanding of Electronic components Functions	Does not able to explain the functions of electronic components.	Able to explain some functions of electronic components.	Able to explain some functions of electronic components but not properly.	Able to explain the functions of electronic components upto certain extent.	Able to explain the functions of electronic components upto the mark.			
C3: Create the model in LabVIEW	Not able to create the model.	Somehow managed to create the model.	Able to create the model but not in a proper way.	Able to create the model upto certain extent.	Able to create the the model and was upto the mark.			
C4: Creation the sub Vis	Not able to create the subVI of the model.	Somehow managed to create the sub VI of the model.	Able to create the sub VI of the model but not in a proper way.	Able to create the sub VI of the model upto certain extent.	Able to create the sub VI of the model and was upto the mark.			
C5: Demonstration of DAQ device with LabVIEW	Demonstration of the model and its interfacing is unacceptable as it was not able to define the DAQ hardware.	Demonstration of the model and its interfacing is marginally acceptable as it was somewhat able to define the DAQ hardware but not appropriate.	Demonstration of the model and its interfacing is acceptable as it was able to define the DAQ hardware.	Demonstration of the model and its interfacing is acceptable as it was able to properly define the DAQ hardware.	Demonstration of the model and its interfacing is acceptable as it was able to excellently define the DAQ hardware with some different examples.			

Course Outcomes	Description
COI	To understand basic concepts of electronic circuit design using virtual instruments.
CO2	To understand the functions of various electronic components using automation.
CO3	To create the model for industrial applications.
CO4	To create sub-VIs of model for implementation.
CO5	To understand the DAQ device & implement customized hardware with LabVIEW.

	VALUE ADDE	COUNCE DECOM	D (INTERNAL TRAIN	11510 5001 00	
	VALUE ADDEL		O (INTERNAL TRAIN	(1190) 2021-22	
		ATTENDAN	CE SHEET		
Batch	2020-24				
Session	2021-22				
Sub:	Beginner to LabVIEW Course			4	

S.No.	Department	Sem	Training Name	Total Hours	Trainee Name	Classes Held	Classes Attended	Attendance % age	Training Completed Successfully
1	LCL	3rd and 4th	Beginning to LabVIEW Course	11	Abhinay Kumar Kanth	44	27	61	74
2	FCE.	3rd and 4th	Beginning to LabVIEW Course	44	Abhishek Yaday	44	36	81	Y
3	101	3rd and 4th	Beginning to LabVIEW Course	44 =	. Aman Pratap Singh	44	33	76	Υ.
4	ECI.	3rd and 4th	Beginning to LabVIEW Course	44	Ambika	44	32	72	N =
5	ECF -	3rd and 4th	Beginning to LabVIEW Course	44	Ayush Raj	44	33	75	Y
6	> FCE	3rd and 4th	Beginning to LabVIEW Course	44	Divya Verma	44	39	88	Y
7.	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Harshit Mishra	44	33	75	Y
8	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Kanchan Gupta	44	28	64	N
9	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Kashish Solan	44	36	82	Y
10	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Kavita Yadav	44	28	63	N
11	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Komal Nagar	44	33	76	Y
12	ECE	3rd and 4th	Beginning to LabVIEW Course	44	Lokesh Bisht	#4	25	56	N

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		VALUE AD	DED COURSE	RECORD (INTI	ERNAL TRAINE	NG) 2021-22
			ATTENDAM	NCE SHEET		
Baich	2020-24					
Session	2021-22					
Sub:	Beginning Course: Embedded Systems		A ¹			

S.No.	Department	Sem	Training Name	Total Hours of Training	Trainee Name	Classes Held	Classes Attended	Attendance % age	Training Completed Successfully
1	ECE:	3rd and 4th	Beginning: Embedded Systems	44	Prashant Kumar	44	28	64	N
2	ECE	3rd and 4th	Beginning: Embedded Systems	44	Rahul Raj	44	30	6.8	N
.3	ECE	3rd and 4th	Beginning: Embedded Systems	44	Raju Kumar	44	33	76	Y
1	ECE	3rd and 4th	Beginning: Embedded Systems	4.1	Sanjeev Kumar	44	33	75	Υ
5	ECE	3rd and 4th	Beginning: Embedded Systems	44	Suman Kumar	44	38	87	Y
6	- ECE	3rd and 4th	Beginning: Embedded Systems	44	Umesh Kumar	44	28	64	N
7	ECE	3rd and 4th	Beginning: Embedded Systems	44	Vikram Kumar Jha	44	33	75	Y
8	ECE	3rd and 4th	Beginning: Embedded Systems	44	Navdeep Thakur	44	42	95	Y
9	ECE	3rd and 4th	Beginning: Embedded Systems'	44	Parveen	44	13	30	N
10	ECE	3rd and 4th	Beginning: Embedded Systems	44	Prashant Kumar	44	40	90	Y'

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I.T.S Engineering College, Greater Noida

Department of Electronics & Communication Engineering

Marks Assessment sheet

Batch	2020-24		
session	2021-22		
Sub:	Beg	inning to Labview Course	
	-		
Methodo	ogy		
		Benchmark	

	75%	Points	1
evel 1	55% Students secure > 75% marks		
evel 2	65% Students secure > 75% marks	Points	
evel 3	75% Students secure > 75% marks	Points	3

	Course Outcome (COs)	
CO-1	To understand basic concepts of electronic circuit design using virtual instruments.	
CO-2	To understand the functions of various electronic components using automation.	
CO-3	To create the model for industrial applications.	
CO-4	To create sub-VIs of model for implementation.	
CO-5	To understand the DAQ device & implement customized hardware with LabVIEW.	

S.No.	Roll No.	Name of the Students		the design of electronic ircuits (CO1)	Understa Electr compo Function	ronic nents	Create the LabVIE		Create t Vis of t	nodel	DAQ	nstration of device with IEW (COS)	Total Marks	Course Completed
જ				20	21	9	2	9	2:)		20	100	>75% (Y/N)
			Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% · (Y/N)	Marks	
1	2002220310001	ABHINAV KUMAR KANTH	13	И	15	Y	16	Y	16	Y	18	Y	78	Y
	2002220310002	ABHISHEK YADAV	16	Y	13	N	18	Y	12	N	20	Y	79	Y
Z .		AMAN PRATAP SINGH	13	N	14	N	15	Y	14	N	18	Y	74	N
3	2002220310003		16	Y	12	N	18	Y	18	Y	18	Y	82	Y
4	2002220310004	AMBIKA	18	V	16	Y	12	N	15	Y	13	N	74	N
5	2002220310005	AYUSH RAJ		v	19	Y	13	N	20	Y	20	Y	89	Y
6	2002220310006	DIVYA VERMA	17	I V	15	v	16	V.	18	Y	16	Y	81	Y
7	2002220310007	HARSHIT MISHRA	16	Y	13	1	10	1	10	-		Antonia management		

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Q.	2002220310008	KANCHAN GUPTA	18	Y	19	Y	18	Y	18	Y	20	Y	93	Υ.
)	2002220310009	KASHISH SOLAN	12	N	13	N	14	N	15	Y	16	Y	70	N
0	2002220310010	KAVITA YADAV	14	N	18	Y	16	Y	16	Y	16	Y	80	Y
1	2002220310011	KOMAL NAGAR	13	И	14	N	12	N	15	Y	16	Y	70	N
2	2002220310012	LOKESH BISHT	16	Y	18	Y	14	N	13	И	18	Y	79	Y
3	. 2002220310014	PRASHANT KUMAR .	15	Y	13	N	16	. Y	16	Y	16	Y	. 76	Y
	THE STATE OF THE S	chievement		8		7		8]	0		12		9
-		Attainment		0.62	0.	54	0	.62	0.1	77		0.92	(0.69

	Understand the design of electronic circuits	Understanding of Electronic components Functions	Create the model in LabVIEW	Create the sub Vis of model	Demonstratio n of DAQ device with LabVIEW	Average	
COI	0.62					0.62	
CO2		0.54				0.54	
CO3			0.62			0.62	
CO4			İ	0.92		0.77	
CO5					1.00	1.00	
		Average Attainment				0.69	
		Overall CO Attainment %				23.00	0.23

-	POI	PO2	PO3	PO4	vel : 3-Strongly l PO5	PO6	PO7	PO8	PO9	PO10	POll	PO12
	roi	102	103	2	105	100	107	2	3	1010	1011	3
CO 1	3	3	4						 3			,
CO 2	3	3	3	3	3	2	2	2	3	3	3	3_
CO 3	3	3	3	3	3		2	2	3	3		3
CO 4	3	3	3	3	3	3	3		3	3	2	3
CO5	3	3	2	3	2	I	3	2	2	3	2	1
Average	3	3	2.60	2.80	2.75	2.50	2.50	2.00	2.80	3.00	2,50	2.6

			CO & PO	Attainment (Three Lo	evel: 3-Strongly	Related, 2-	Moderate,	1-Slightly			_	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	0.69	0.69	0.46	. 0.46				0.46	0.69	0.69		0.69
	0.69	0.69	0.69	0.69	0.69	0.46	0.46	0.46	0.69	0.69	0.69	0.69
20.3	0.69	0.69	0.69	0.69	0.69		0.46	0.46	0.69	0.69		0.69
:04	0.69	0.69	0.69	0.69	0.69	0.69	0.69	112	0.69	0.69	0.46	0.69
20.5	0.69	0.69	0.52	0.69	0.51	0.23	0.69	0.46	0.46	0.69	0.46	0.23
chieved	0.69	0.69	0.61	0.64	0.65	0.46	0.58	0.46	0.64	0.69	0.58	0.60

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0.64 0.69

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<u>Department of Electronics & Communication Engineering</u> <u>Centre of Excellence - National Instruments</u> <u>Advance Course to LabVIEW (PART-1) (V Sem)</u>

Duration: 20 Hrs

CO1	To understand the application of various libraries in LabVIEW & Palettes in LabVIEW.	
CO2	To use best programming practices in LabVIEW.	

Unit-1:

4 Hrs

Revising the concepts of hardware, LabVIEW Data types (color coding of data types)- Numeric, string, Boolean, Cluster, waveform, Understanding Data flow, wiring techniques.

Unit 2:

6 Hrs

Exploring Numeric Sub Palette, Comparison Sub Palette, exploring for loops, timing a loop.

Unit 3:

6 Hrs

Writing Data to a Text file, Writing Multi-channel Data to a text file, creating file and folder paths, Analyzing Text File Data, Introduction to Conditional Logic.

Unit4:

4 Hrs

Plotting Data- Waveform Chart, Waveform Graph, X-Y Graph, Understanding Modularity.

References:

Books:

1. LabVIEW: Graphical Programming, Fabiola De la Cueva, Richard Jennings.

2. Hands-On Introduction to LabVIEW for scientists & engineers, John Essick, Oxford.

NPTEL Link:

https://youtu.be/LgyZJmcpbYQ

YouTube:

https://youtu.be/mBSB9qCfl54

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<u>Department of Electronics & Communication Engineering</u> <u>Centre of Excellence - National Instruments</u> <u>Advance Course to LabVIEW (PART-2) (VI Sem)</u>

Duration: 20 Hrs

CO3	To acquire measurements with NI DAQ devices.
CO4	To apply various non-NI instruments & connecting devices with DAQ to analyze the behavior of the designed module.
CO5	To realize the communication between parallel loops.

Unit-1:

4 Hrs

Arrays, Common Array functions, and their usage, creating and accessing clusters, using clusters to plot data, creating and applying definitions.

Unit 2:

6 Hrs

Understanding hardware and software resources, connecting and testing your hardware, data validation, acquiring measurements with a NI DAQ device.

Unit 3:

6 Hrs

Using loops with hardware APIs, working with single-channel Acquisition Data, Working with N-channel Acquisition data, Overview of Hardware-Non-NI Instruments, Connecting Non-NI Instruments.

Unit4:

4 Hrs

Communicating between parallel loops, using variables, race conditions, exploring sequential programming, exploring state programming, state machines.

References:

Books:

1. LabVIEW: Graphical Programming, Fabiola De la Cueva, Richard Jennings.

Auna thi

2. Hands-On Introduction to LabVIEW for scientists & engineers, John Essick, Oxford.

NPTEL Link:

https://youtu.be/LgyZJmcpbYQ

YouTube:

https://youtu.be/mBSB9qCfl54

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I.T.S ENGINEERING COLLEGE GREATER NOIDA

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NI : Evaluation Rubric (Process)

Department of Electronics & Communication Engineering

NJ- COE

Statement: Review by the Faculty-Incharge: Ability to work for the Lab VIEW Instruments, its challenges and applications in Industry.

NI COE: Advance Course to LabVIEW

			Scale		
Expected Criteria	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understand the	Not able to explain the application of libraries in LabVIEW.	Somehow managed to explain application of libraries in LabVIEW.	Good explanation of libraries in LabVIEW.	Better explanation of libraries in LabVIEW.	Excellent Explanation of libraries in LabVIEW.
C2: Programming practices in LabVIEW.	Does not able to apply codes in the model.	Somehow managed to apply codes in the model	Good application of codes in the model	Better application of codes in the model	Excellent application of codes in the model
C3: Acquire Measurements	Not able to acquire the measurement from the electronic component.	Somehow able to acquire measurement from the electronic component.	Able to acquire measurement upto certain extent from the electronic component.	Able to acquire measurement from the electronic component but not upto the mark.	Able to acquire measurement from the electronic component correctly.
C4: Analysis the behavior of the designed module	Not able to analyze the behavior of the designed module.	Somehow able to analyze the behavior of the designed module.	Able to analyze the behavior of the designed module but there are some errors.	Able to analyze the behavior of the designed module but not upto the mark.	Able to analyze the behavior of the designed module upto the mark.
C5: Realize the communication among LabVIEW hardwares	Not able to realize the communication among LabVIEW hardwares.	Somehow able to realize the communication among LabVIEW hardwares.	Able to realize the communication among LabVIEW hardwares upto certain extent.	Able to analyze the communication among LabVIEW hardwares but not upto the mark.	Able to analyze the communication among LabVIEW hardwares.

Course Outcomes	Description
COI	To understand the application of various libraries in LabVIEW & Palettes in LabVIEW.
CO2	To use best programming practices in LabVIEW.
CO3	To acquire measurements with NI DAQ devices.
CO4	To apply various non-NI instruments & connecting devices with DAQ to analyze the behavior of the designed module.
CO5	To realize the communication between parallel loops.

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			0) 2021 22		
	VALUE ADDED	COURSE RECORD (INTERNAL TRAINING	G) 2021-22		
		ATTENDANCE SHEET			
			*	-	
Batch	2019-23				
ession	2021-22				
	Advance				
Sub:	Course to				
	LabVIEW				

S.No.	Department	Sem	Training Name	Total Hours of Training	Trainee Name	Classes Held	Classes Attended	Attendance %	Training Completed Successfully
1	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Ankit Singh	44	28	70	N
2	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Jitendra Rawat	44	28	69	N
3	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Riyaz Ahmad Bhat	44	32	80	Y
4	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Adeeb Khan	44	32	81	Y
5	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Aishwarya Sengar	44	35	87	N
6	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Govind Kumar Jha	44	34	86	Y
7	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Shashi Kant	44	34	85	Y
8	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Ajay Prasad	44	33	82	Y
9	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Anushree Bhui	44	30	75	Y
10	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Ainul Hasan	44	32	80	Y
11	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Madan Mohan Kuma	n 44	32	81	Y
12	ECE	5th & 6th Sem	Advance Course to LabV1EW	44	Deepak Sharma	44	33	83	Y

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	13	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Dhruv Gupta	44	34	84	Y	
1	14,	ECE	5th & 6th Sem	Advance Course to LabVIEW	44	Kshama Shakti	44	.30	76	Y	

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			I.T.S Engineer							
		Departi	nent of Electro	nies & Comn	nunication E	ngineering	-			
			Mark	s Assessment	sheet					
Batch	2019-23									
session	2021-22									
Sub:	Advance Course to LabVIEW	3								
Methodol	ogy									
		Benchmark		75%						+
			Level (55% to 65%	Students sec	cure > 75% n	narks		Point	s 1
			Level 2	65% to 75% Students secure > 75% marks				Point	s 2	
			Level 3	>75% Stude	ents secure >	75% marks			Point	s 3

	Course Outcome (COs)
CO-1	To understand the application of various libraries in LabVIEW & Palettes in LabVIEW.
CO-2	To use best programming practices in LabVIEW.
CO-3	To acquire measurements with NI DAQ devices.
CO-4	To apply various non-NI instruments & connecting devices with DAQ to analyze the behavior of the designed module.
CO-5	To realize the communication between parallel loops.

Ž Roll No.		Name of the Students	Under	stand the libraries (COI)	Progran practic LabVI (CO	es in EW	Measi	quire irement CO3)	behav design	lysis the vior of the red modul CO4)	tion a	ize the nunica imong VIEW wares O5)	Total Marks	Course Completed
8	Non 140.	Ivanit or the Students		20	20		:	20		20	2	20	100	>75% (Y/N)
	,		Marks	>75% (Y/N)	Marks	>75 % (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Grade	>75 % (Y/N)		Cayo
1	1902220310001	AAMIR AZAZ	9	N	16	Y	10	И	19	Y	12	И	66	N Direction of the state of the
2	1902220310002	ADEEB KHAN	16	Y	16	Y	15	Y	1.5	Y	15	Y	77	E DILE
3	1902220310003	AINUL HASAN	18	Y	18	Y	20	Y	20	Y	20	Y	96	Engine
4	1902220310004	AISHWARYA SENGAR	20	· Y	18	Y	20	Y	20	Y	20	Y	98	MS F Great
5	1902220310005	AJAY PRASAD	11	N	10	N	17	Y	17	Y	17	Y	72	· N
6	1902220310006	ANUSHREE BHUI	10	И	16	Y	9	N	17	Y	17	Y	69	N
7	1902220310007	AVINASH SINGH	11	ONCOX	16	Y	17	Y	17	Y	12	N	73	И

8	1902220310008	AVIRAL VARSHNEY	18	Y	18	Y	19	Y	19	Y	18	Y	92	Y
9	1902220310009	AYUSH PATEL	13	1.1	16	Y	15	Y	15	Y	12	N	71	N
10	1902220310010	BALRAI SINGH	10	И	16	Y	17	Y	17	Y	10	И	70	И
11	1902220310011	DEEPAK MANDAL	18	Y	18	Y	18	Y	18	Y	19	Y	91	Y
12	1902220310012	DEEPAK SHARMA	16	Y	16	Y	17	Y	17	Y	17	Y	83	Υ
13	1902220310013	DHRUV GUPTA	16	Y	16	Y	17	Y	1.7	Y	17	Y	83	Y
14	1902220310014	GAUTAM KUMAR	10	И	18	Y	18	Υ	18	Y	10	N	74	N
15	1902220310015	GOVIND KUMAR JHA	10	М	18	Y	18	Y	18	Υ	10	И	74	N
16	1902220310016	KSHAMA SHAKTI	18	Y	18	Y	19	Y	19	Υ	17	Y	91	Y
17	1902220310017	KSHITIJ UPMANYU	18	Y	18	Y	19	Y	19	Y	17	Y	91	Y
	Level Achie	vement	9		16	,		15		17		1		9
	% ATTAIN	MENT	0.53		0.9	4).88		1.00	0.	65		0.53

	Understand the libraries	Programming practices in LabVIEW	Acquire Measureme nts	Analysis the behavior of the designed module	Realize the communicati on among LabVIEW hardwares	Average	
COL	0.78					0.78	
CO2		0.83	0.70			0.83	
CO3			0.78	. 0.63		0.78	
CO4			-	. 0.05	0.72	0.83	
COS	Total Control	Thursday Afrahamant			3.74	0.79	-
		al Average Attainment			-	26.33	0.26



			CO & PO M	lapping (Three Level	: 3-Strongly F	Related	2-Mode	erate, 1-Slightly						-
	PO1	PO2	PO3	PO4	PO5	PO6		PO8	PO9	PO10	POH	PO12	PSO1	PSO:
COI	2	3	2	2	3		I		3	3	2		2	2
CO 2	2.	2	3		2				2	2			1	2
CO 3	3	3	3	2	2		2		3		2	2	2	3
CO 4	3	2	2	3	2								1	-
CO 5	3	2	2	2	3	3			2	2	I	2	2	2
Average	2.6	2.4	2.40	2.25	2,40	3.00	1.50		2.50	2.33	1.67	2	1 2	2.25
			CO & PO An	lainment (Three Leve	el : 3-Strongly	Related	, 2-Mod	ferate, 1-Slightly						
	PO1	PO2	PG3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POH	PO12	and the same of th	PSQ2
COI	0.53	0.79	0.53	0.53	0.79		0.26		0.79	0.79	0.53		_	0.53
CO 2	0.53	0.53	0.79		0.53				0.53	0.53			-	0.53
CO 3	0.79	0.79	0.79	0.53	0.53		0.53		0.79		0.53	0.53	THE REAL PROPERTY.	0.79
CO 4	0.79	0.53	0.53	0.79	0.53	0.79							0.26	-
Achieved	0.66	0.66	0.66	0.61	0.59	0.79	0.40	000	0.70	0.66	0.53	0.53	0.40	0.61



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Department of Electronics & Communication Engineering Centre of Excellence - e-Yantra

Beginner Course: Embedded Systems (PART-1) III rd SEM **Duration: 20 Hrs**

COI	To understand basic components of electrical & electronic systems.
	To understand the applications of different components in embedded systems.
CO2	To understand the applications of different components in different systems.

6 Hrs Unit-1:

Basic Electrical: Practical usage of resistors, Capacitors and Inductors. Ohm's Law, Kirchoff's law, Network Theorems and their applications, Introduction to different types of sensors, switches, relays etc. and their practical implementations.

4 Hrs Unit-2:

Introduction to Circuit simulation: Introduction to different circuit simulators Multisim, Proteus, Practical usage of Diodes and diode circuits, BJT and BJT circuits, FET and FET circuits, OPAMP.

4 Hrs Unit-3:

Introduction to different types of memories, DAC, ADC, Introduction to embedded systems.

Unit-4:

Basics of Microcontroller and interfacing, Programming 8051 with Multisim simulator/Proteus and Keil Compiler.

References:

- Study Material Provided by e-Yantra.
- Programming Arduino: Getting Started with Sketches (Tab) 2nd Edition by Simon Monk, Mc Graw Hill.
- Exploring Arduino: Tools & Techniques for Engineering Wizardry 2nd Edition by Jeremy
- Arduino Cookbook, 2nd Edition by Michael Margolis, O'Reilly.



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<u>Department of Electronics & Communication Engineering</u> <u>Centre of Excellence - E-Yantra</u>

Beginner Course: Embedded Systems (PART-2) Module-2 (for IV Semester) Duration: 20 Hrs

CO3	To understand fundamentals of Arduino, C Programming and its buzzer control.
CO4	To do interfacing with different sensors.
CO5	To demonstrate Think Speak for IOT applications.

Unit-1:

6 Hrs

Introduction to Arduino, Embedded C Programming, Buzzer control using Arduino.

Unit-2:

4 Hrs

Interfacing Infrared sensor, LDR, Ultrasonic sensor etc. with Arduino, LCD Interfacing with Arduino.

Unit-3:

5 Hrs

Input output interfacing, Pulse Width Modulation, Control of DC motor.

Unit4:

6 Hrs

Keyboard interfacing with Arduino, esp8266 WIFI module for IOT Application, Interfacing esp8266 with Arduino and use of Think Speak for IOT applications.

References:

- Programming Arduino: Getting Started with Sketches (Tab) 2nd Edition by Simon Monk, Mc Graw Hill.
- Exploring Arduino: Tools and Techniques for Engineering Wizardry 2nd Edition by Jeremy Blum, Wiley.
- Arduino Cookbook, 2nd Edition by Michael Margolis, O'Reilly.

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I.T.S ENGINEERING COLLEGE **GREATER NOIDA**

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Department of Electronics & Communication Engineering

e-Yantra: Evaluation Rubric (Process) Beginner Course: Embedded Systems

e-Yantra COE

			Scale		
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding of Basic components of electrical & electronic system	Not able to explain the basic components of electrical & electronic system.	Somehow managed to explain basic components of electrical & electronic system.	Good explanation about the basic components of electrical & electronic componnents.	Better Explanation about the components of electrical & electronic system.	Excellent explanation about the components of electrical & electronic system.
C2: Understanding various concepts of embedded system	Not Able to explain the applications of different components in embedded system	Somehow managed to explain the applications of different components in embedded system	Good explanation about the applications of different components in embedded system	Better explanation about the applications of different components in embedded system	Excellent explanation about the applications of different components in embedded system.

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C3: Understanding of Arduino, C Programming and buzzer control	Not able to explain about arduino, C programming and its buzzer control	Somewhat able to explain about Arduino, C programming and its buzzer control	Good explanation about Arduino, C programming and its buzzer control	Better explanation about Arduino, C programming and its buzzer control	Best explanation about Arduino, C programming and its buzzer control
C4: Basic Interfacing with different sensors	Not able to apply the basic interfacing with any components	Somewhat able to apply the basic interfacing with some components	Able to apply the basic interfacing with some components but there were some problems	Able to apply the basic interfacing with all components upto some extenet	Able to apply the basic interfacing with all components and was upto the mark
C5: Demonstrate Think Speak for IOT applications.	Not able to demonstrate Think Speak for IOT applications	Somehow Able to demonstrate Think Speak for IOT applications	Able to demonstrate Think Speak for IOT applications but not properly	Able to demonstrate Think Speak for IOT applications upto some extent	Excellently demonstrate Think Speak for IOT applications

CO1	To understand basic components of electrical & electronic systems.
CO2	To understand the applications of different components in embedded system.
CO3	To understand fundamentals of Arduino, C Programming and buzzer control.
CO4	To do interfacing with different sensors.
CO5	To demonstrate Think Speak for IOΓ applications.

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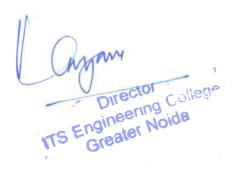
I.T.S Engineering College, Greater Noida Department of Electronics & Communication Engineering Marks Assessment sheet Batch 2020-24 session 2021-22 Beginning Course: Embedded Systems Methodology Benchmark 75% 55% Students secure > 75% marks Level 1 Points 65% Students secure > 75% marks Level 2 Points. 75% Students secure > 75% marks Level 3 Points

	Course Outcome (COs)	
CO-1	To understand basic components of electrical & electronic systems.	1 0
CO-2	To understand the applications of different components in embedded system.	ator ciles
CO-3	To understand fundamentals of Arduino, C Programming and buzzer control.	and and
CO-4	To do interfacing with different sensors.	Ger Moios
CO-5	To demonstrate Think Speak for IOT applications.	and it set the

S.No.	Roll No.	Name of the Students	l ·	g of Basic components of lectronic system (CO1)	Understand various comp embedded (CO2	onents of system	of Ar progr and	standing duino, C samming buzzer ol (CO3)	Basic inte with dif sensors	ferent	Demon Think for I applies (CC	strate Speak OT ations	Total Marks	Course Completed
		*	NAME OF THE OWNER	20	20			20	26		20	0	100	>75% (Y/N)
			Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Grade	>75% (Y/N)		
1	2002220310016	RAHUL RAJ	13	N	17	Y	16	Y	16	Y	16	Y	78	Y
2	2002220310017	RAJU KUMAR	13	N	13	N	12	N	13	N	13	И	64	N
3	2002220310019	SANJEEV KUMAR	14	N	15	Y	16	Y	14	N	12	N	71	N
- 4	2002220310020	SUMAN KUMAR	14	N	15	Y	15	Y	15	Y	14	N	73	N
5	2002220310021	UMESH KUMAR	16	Y	17	Y	16	Y	16	Y	16	Y	81	Y
6	2002220310022	VIKRAM KUMAR JHA	18	Y	19	Y	20	, Y	18	Y	18	Y	93	Y
7	2102220319001	Navdeep Thakur	16	Y	15	Y	16	Y	16	Y	16	Y	79	Y
8	2102220319002	PARVEEN	18	Y	18	Y	18	Y	18	Y	18	Y	90	Y
9	2102220319003	PRASHANT KUMAR	18	У	17	Y	18	Y	18	Y	18	Y	89	Υ
	Level Achiev			5	8			8	7		0.4			6 0.67
	CO Attainr	nent		0.56	0.89		1	0.89	0.7	ē	0.6	37		0.07

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	Understanding of Basic components of electrical & electronic system	Understanding of various components of embedded system	Understanding of Arduino, C programming and buzzer control	Basic interfacing with different sensor	Demonstrat e Think Speak for IOT applications	Average	
CO1	0.56					0.56	
CO2		0.89				0.89	
CO3			0.89			0.89	
CO4			1	0.78		0.78	
CO5					0.67	0.67	
		Average Attainment		-		0.78	
	0	verall CO Attainment	⁶ /0	minimum minimum manama and a ma		26.00	0.26



			CO & PO M							1	2011	DOIG
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	POIO	PO11	PO12
001	3								1	1		1
CO 2	1	2		2	3	1	2		2			
20.3	2	1	1		2				1	1		
204	2	2	2	2	2				2	2	2	
005	2	2	3	3	3				2			2
Average	2	1.75	1.50	2.33	2.50	1.00	2.00		1.60	1.33	2.00	1.5
rverage	2	1.73						ightly	1.00	1100		
verage	2		CO & PO At	tainment (Three Level	3-Strongly Rela	ted , 2-Me	oderate, 1-Sl					PO12
Average	POI	PO2				ted , 2-Me		ightly PO8	PO9	PO10	PO11	
	POI 0.78		CO & PO At	tainment (Three Level	3-Strongly Rela	ted , 2-Me	oderate, 1-Sl		PO9 0.26			PO12 0.26
CO 1			CO & PO At	tainment (Three Level	3-Strongly Rela	ted , 2-Me	oderate, 1-Sl		PO9 0.26 0.52	PO10 0.26		
CO 1 CO 2	0.78 0.26	PO2	CO & PO At	tainment (Three Level : PO4	3-Strongly Rela	ted , 2-Me	oderate, 1-Sl		PO9 0.26	PO10		
CO 1 CO 2 CO 3	0.78 0.26 0.52	PO2 0.52 0.26	CO & PO At	tainment (Three Level : PO4	3-Strongly Rela PO5 0,78	ted , 2-Me	oderate, 1-Sl		PO9 0.26 0.52	PO10 0.26		0.26
CO 1 CO 2	0.78 0.26	PO2 0.52	CO & PO At PO3	rainment (Three Level : PO4 0.52	3-Strongly Rela PO5 0.78 0.52	ted , 2-Me	oderate, 1-Sl		PO9 0.26 0.52 0.26	PO10 0.26 0.26	POI1	

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Department of Electronics & Communication Engineering

Centre of Excellence - E-Yantra

Advance Course: Embedded Systems (PART-1)
Module-3 (for V Semester)
Duration: 20 Hrs

CO1	To understand the Firebird-V ATmega and its interfacing with different embedded systems.
CO2	To apply and analyze different sensors with Firebird ATmega 2560

Unit-1

5 Hrs

Introduction of Firebird V and ATmega 2560, Embedded C Programming, Input output interfacing: Buzzer control using ATmega 2560.

Unit-2

5 Hrs

Input Output Interfacing: Control of DC motors (Motion control on Firebird V).

Unit-3

5 Hrs

Input output interfacing: LCD Interfacing on Firebird V, Using ADC on Firebird V.

Unit-4

5 Hrs

Sensors switching on Firebird V, White/black line follower using Firebird V, Obstacle detector using Firebird V.

References:

Study Material Provided by e-Yantra.

 Programming Arduino: Getting Started with Sketches (Tab) 2nd Edition by Simon Monk, Mc Graw Hill.

• Exploring Arduino: Tools & Techniques for Engineering Wizardry 2nd Edition by Jeremy Blum, Wiley.

Arduino Cookbook, 2nd Edition by Michael Margolis, O'Reilly

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Department of Electronics & Communication Engineering

Centre of Excellence - E-Yantra

Advance Course: Embedded Systems (PART-2)
Module-4 (for VI Semester)
Duration: 20 Hrs

CO3	To understand the controlling of servo motor with ATmega 2560 and its different interrupts.
CO4	To understand basics of Python Programming and data structures.
CO5	To apply the python concepts in Arduino and Zigbee.

Unit-1:

Controlling servo motor using ATmega 2560, Timer Overflow Interrupt Using At Mega 2560, Position Control Interrupt using ATmega 2560.

Unit-2: 5 Hrs

Serial Communication using ATmega 2560, Use of Zigbee for Wireless communication.

Unit-3: 5 Hrs

Introduction to Python Programming, Different data structures Inputs and outputs, File Handling.

Unit-4: 4 Hrs

Conditional Execution, Loops in Python, Programming Arduino using Python.

References:

- Study material Provided by e-Yantra.
- Automate the boring stuff with Python by AL Sweigart.
- Python Crash Course, 2nd edition: A Hands-On, Project-Based Introduction to Programming by Eric Matthes.

Arduino Cookbook, 2nd Edition by Michael Margolis, O'Reilly

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6 Hrs



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e-Yantra: Evaluation Rubric (Process)
Advance Course: Embedded Systems
e-Yantra COE

20 4			Scale		
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding of Firebird- V ATmega 2560 and its input- output interfacing	Not Able to illustrate the firebird and its interfacing.	Somehow managed to illustrate the firebird and its interfacing.	Good illustration of the firebird and its interfacing.	Better illustration of the firebird and its interfacing.	Excellent illustration of the firebird and its interfacing.
C2: Designing a system using Firebird ATmega 2560	Not able to design a system using Firebird ATmega 2560.	Somehow managed to design a system using Firebird ATmega 2560.	Able to design a system using Firebird ATmega 2560 upto certain extent.	Able to design a system using Firebird ATmega 2560 but not upto the mark.	Able to design a system using Firebird using Firebird 2560 upto the mark.
C3: Understand the controlling of servo motor with ATmega 2560	Not able to explain the servo motor and its controlling with ATmega 2560.	Somehow managed to explain the servo motor and its controlling with ATmega2560.	Was able to explain the servo motor and its controlling with ATmega 2560 upto certain extent.	Was able to explain the servo motor and its interfacing but not upto the mark.	Was able to explain the servo motor and its interfacing and was upto the mark.
C4: Understand the basics of Python Programming and its data structures.	Not able to explain the basics of Python programmingand its data structures.	Somehow managed to explain the basics of Python programming and its data structures.	Was able to explain the basics of python programming and its data structures but not upto the mark.	Was able to explain the basics of python programming and its data structures upto certain extent.	basics of python programming and its data structures.
C5: Application of the python concepts in Arduino and Zigbee.	Not able to Demonstrate the python concepts in Arduino and Zigbee.	Somehow managed to demonstrate the python concepts in Arduino and Zigbee.	and Zigbee but not upto	concepts in Arduino and Zigbee upto certain	python concepts in

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Greater Noida

0.01	To understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems.
CO1	To understand the Filebild V-Attinega 2500 and its intertacing with different contents of the
CO2	To apply and analyze different sensors with Firebird ATmega 2560
CO3	To understand the controlling of servo motor with ATmega 2560 and its different interrupts.
CO4	To understand basics of Python Programming and data structures.
CO5	To apply the python concepts in Arduino and Zigbee.

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		Y	ALUE ADDED COURSE	RECORD (IN)	ERNAL TRAINING) 202	1-22				
			ATTENDANCE	SHEET					-	
Batch	2019-23							1	111	
session	2024-22									
Sub:	Advance Course : Embedded Systems									

S.No.	Department	Sem	Training Name	Total Hours of Training	Trainee Name	Classes Held	Classes Attended	Attendance % age	Training Completed Successfully
ī	ECE	5th & 6th	Advance Course : Embedded Systems	44	MADAN MOHAN KUMAR	44	31	70	N
2	ECE ~	5th & 6th	Advance Course : Embedded Systems	44	MD ADIL HUSSAIN	44	27	77	- Y
3	ECE	5th & 6th	Advance Course : Embedded Systems	44	MD ARKAM	44	28	63	И
4	ECE	5th & 6th	Advance Course: Embedded Systems	44	MOHD MUDASSIR	44	31	70	N
5	ECE	5th & 6th	Advance Course: Embedded Systems	44	MUHAMMAD SAKIB	44	37	83	Y
6	ECE	5th & 6th	Advance Course : Embedded Systems	44	NAVEEN KUMAR GUPTA	44	35	78	Y
7	ECE	5th & 6th	Advance Course : Embedded Systems	44	PIYUSH BHARDWAJ	44	26	58	И
8	ECE	5th & 6th	Advance Course : Embedded Systems	44	PLAKSHI TOMAR	44	41	92	Y
9	€CE	5th & 6th	Advance Course : Embedded Systems	44	PRAGATI RAI	44	34	77	Y
10	£CE	5th & 6th	Advance Course : Embedded Systems	44	PRATIK SINHA	44	37	83	Y
n	ECE	5th & 6th	Advance Course : Embedded Systems	44	PRIYESH RAI	44	26	58	N
12	ECE	5th & 6th	Advance Course : Embedded Systems	44	RAVI KUMAR SHAH	44	37	83	Y
13	ECE	5th & 6th	Advance Course : Embedded Systems	44	ROSHAN KUMAR	44	33	74	И
14	ECE	5th & 6th	Advance Course : Embedded Systems	44	SACHIN	44	41	9]	Y
15	ece.	5th & 6th	Advance Course : Embedded Systems	44	SACHIN KUMAR SINGH	44	40	89	Y
16	E CE	5th & 6th	Advance Course : Embedded Systems	44	SAUMYA	44	41	91	Y
17	FCE	5th & 6th	Advance Course : Embedded Systems	44	SAURAV BHARTI	44	22	49	N
18	ECE	5th & 6th	Advance Course : Embedded Systems	44	SHAGUN BENIWAL	44	32	71	N
19	ECE	5th & 6th	Advance Course : Embedded Systems	OA -	SHASHI KANT	44	37	83	Y

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									1
20	ECE	5th & 6th	Advance Course : Embedded Systems	44	SHASHWAT PANDEY	- 44	41	91	Y
21	ECE	5th & 6th	Advance Course : Embedded Systems	44	SHIVAM RAJPOOT	44	22	49	И
22	ECE	5th & 6th	Advance Course : Embedded Systems	44	SIDDHI SINGH	44	37	83	Y
23	ECE	5th & 6th	Advance Course ; Embedded Systems	44	SONAL SOURAV	44	.38	86	Υ
24	ECE	5th & 6th	Advance Course : Embedded Systems	44	SOURAV HUI	44	22	49	И
25	ECE	5th & 6th	Advance Course : Embedded Systems	44	SUNIL KUMAR PATEL	44	38	86	Y
20	ECE	5th & 6th	Advance Course : Embodded Systems	44	SUYASH SHUKLA	44	37	83	Υ
37	ECE	5th & 6th	Advance Course : Embedded Systems	44	UTKARSH SRIVASTAVA	44 -	37	83	Y
28	ECE	5th & 6th	Advance Course : Embedded Systems	44	VIVEK KUMAR	44	22	49	И
29	ECE	5th & 6th	Advance Course : Embedded Systems	44	ANKIT SINGH	44	22	49	N
30	ECE	5th & 6th	Advance Course : Embedded Systems	44	JITENDRA RAWAT	44	22	49	И
31	EÇE	5th & 6th	Advance Course : Embedded Systems	44	RIYAZ AHMAD BHAT	44	37	83	Y

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TS Engineering College
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			1.T.S Eng	incering College, Greater	Noida		
			Department of Ele	etronics & Communication	on Engineering		
				Marks Assessment sheer			
Batch	2019-23						
Session	2021-22						
Sub;	Advance Course : Embedded Systems						
Methodolo	ogy						
		Benchmark		75%			
			Level 1	55% to 65% Students s	secure > 75% marks	Points	T
			Level 2	65% to 75% Students s	secure > 75% marks	Points	2
			Level 3	>75% Students secure	> 75% marks	Points	3

	Course Outcome (COs)
CO-1	To understand the Firebird V- AT Mega 2560 and its interfacing with different embedded systems.
CO-2	To apply and analyze different sensors with Firebird AT Moga 2560.
CO-3	To understand the controlling of servo motor with At Mega 2560 and its different interrupts.
CO-4	To understand basics of Python Programming and data structures.
CO-5	To apply the python concepts in Arduino and Zigbee.

S.No.	Rall No.	Name of the Students		g of Firebird-V AT Mega input-output interfacing (COI)	Designi system : Firebiri Mega I (CO:	using d AT 2560	contro servo wit Meg	erstand the olling of o motor h AT a 2560	basics Prog and stri	rstand the of Python ramming its data actures CO4)	of the conce Ardui Zig	ication pythen epts in ino and gbee O5)	Total Marks	Course Complet ed
	140			20	20			20		20	2	:0	001	>75% (Y/N)
			Marks .	>75% (Y/N)	Marks	>75 % (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Grade	>75% (Y/N)	66.	>75% (Y/N)
1	1902220310018	MADAN MOHAN KUMAR	12	N	16	Y	19	Y	13	И	10	И	70.	И
2	1902220310019	MD ADIL HUSSAIN	16	Y	16	Y	15	Y	15	Y	15	Υ	77	Y
3	1902220310021	MD ARKAM	10	N	12	N	20	Y	10	N	11	N	63	И
4	1902220310020	MOHD MUDASSIR	10	И	18	Y	20	Y	11	N	11	N	70	И
5	1902220310022	MUHAMMAD SAKIB	16	Y	16	Y	17	Y	17	Y	17	Y	83	Y
6	1902220310023	NAVEEN KUMAR GUPTA	11	И	16	Y	17	Y	17	Y	17	Y	78	Y
7	1902220310025	PIYUSH BHARDWAJ	10	Ŋ	16	Y	11	N	11	И	10	N	58	И
8	1902220310026	PLAKSHI TOMAR	71800	Y	18	Y	19	Y	19	Y	18	Y	92	Y
		a. 0 17.		128										-

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	% ATTAIN	MENT		0.55	0.94	1	0	74	. (),65	0.5	8	0	58
	Level Achi			17	29			23		20	18	3		8
31	2002220319003	RIYAZ AHMAD BHAT	16	Y	16	Y	17	Y	17	Y	1.7	Y	83	Y
30	2002220319002	JITENDRA RAWAT	9	N	10	Y	10	И	10	И	10	N	49	N
29	2002220319001	ANKIT SINGH	9	N	10	Y	10	N	10	И	10	N	49	N
28	1902220310047	VIVEK KUMAR	9	N	10	Y	10	N	10	И	10	N	49	N
27	1902220310046	UTKARSH SRIVASTAVA	16	Y	16	Y	17	Y	17	Y	17	Y	83	Y
26	1902220310045	SUYASH SHUKLA	16	Υ	16	Y	17	Y	17	Y	17	Y	83	Y
25	1902220310044	SUNIL KUMAR PATEL	17	Y	18	Y	17	Y	17	Y	17	Y	86	Y
24	1902220310042	SOURAV HUE	9	N	_ 10	Υ	10	N	10	И	10	N	49	N
23	1902220310041	SONAL SOURAV	17	Υ	18	Y	17	Υ	17	Y	17	Y	86	Y
22	1902220310040	SIDDHI SINGH	16	Y	16	Y	17	Υ	17	Y	17	Y	8.3	Y
21	1902220310039	SHIVAM RAJPOOT	9	N	10	Y	10	N	10	И	10	N	49	1
20	1902220310038	SHASHWAT PANDEY	19	Υ	16	Y	17	Y	20	Y	19	Y	91	1
19	1902220310037	SHASHI KANT	16	Υ	16	γ	17	Y	17	Y	17	Y	83	Y
18	1902220310036	SHAGUN BENIWAL	11	И	18	Y	19	Υ	10	И	13	И	71	1
17	1902220310035	SAURAV BHARTI	9	N	10	Y	10	N	10	N	10	N	.49	1
16	1902220310034	SAUMYA	18	Y	18	Y	19	Y	19	Y	17	Y	91	,
15	1902220310033	SACHIN KUMAR SINGH	18	Y	18	Y	18	Y	18	Y	17	Υ	89	Y
14	1902220310032	SACHIN	18	Y	18	Y	18	У	18	Y	19	Y	91	Y
13	1902220310031	ROSHAN KUMAR	12	N	16	Y	15	Υ	17	Y	14	И	74	N
12	1903220310030	RAVI KUMAR SHAH	16	Y	16	Y	17	Y	17	Y	17	Y	83	۲,
11	1902220310029	PRIYESH RAI	10	N	9	N	10	N	18	Y	11	N	58	N
10	1902220310028	PRATIK SINHA	16	Y	16	Y	17	Y	17	Y	17	Y	83	7
9	1902220310027	PRAGATI RAI	16	Y	16	Y	15	Y	15	Y	15	Y	77	Y

	Understanding of Firebird-V AT Mega 2560 and its input- output interfacing	Designing a system using Firebird AT Mega 2560	Understand the controlling of servo motor with AT Mega 2560	Programming	Application of the python concepts in Arduino and Zigbee.	Average	
COL	0.69					0.69	
CO2		0.77	I			0.77	
CO3			0.77			0.77	
CO4				0.69		0.69	
CO5					0,62	0,62	Г
	Inter	nal Average Attainment				0.71	
	Ove	rall CO Attainment %				23.67	0.24

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		(CO & PO Mapping (The	ree Level : 3-Strongly	Related, 2-M	oderate,	1-Slightl	у						
	PO1	PO2	PQ3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	FOIL	PO12	PSO1	PSO2
CO 1	2		3	2	3				2		1	1	3	2
CO 2	3	2	2	3	2				3				3	1
CO3	2	1	2	1	2				2		1		3	2
CO 4	t	2	2	2	1				2				2	2
CO 5	2	2	1	I	2				2				2	3
Average	2	1.75	2,00	1 80	2.00				2.20		1.00	1	2	2
			O & PO Attainment (T	Charles of the later of the lat		_		The second second second		Tacas		L pote	Trans	nausa
	POI	PO2	PO3	PO4	PO5	PUG	PO7	PO8	PO9	PO10	POII	PO12	PSO1	-
COI	0.47		0.71	0.47	0.71	-			0.47		0.24	0.24	0.71	0.47
CO 2	0.71	0,47	0.47	0,71	0.47				0.71				0.71	0.24
CO 3	0.47	0.24	0.47	0.24	0.47				0.47		0.24		0.71	0,47
- CO 4	0.24	0,47	0.47	0.47	0.24				0.47				0 47	0.47
CO 5	0.47	0.47	0.24	0.24	0.47				0.47				0.47	0.71
Achieved	0.47	0.39	0.53	0.47	0.47				0.53	1	0.24	0.24	0.65	0.41

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(NBA & NAAC Accredited)

46, Knowledge Park-III, Greater Noida, Distt. Gautam Budh Nagar (U.P.) Ph: (0120) 2331000/1, Website: its.edu.in

Department of Electronics & Communication Engineering

Centre of Excellence - IOT & Robotics Concept Lab

(Module-I)

BTech-IInd Year

Duration: 40 Hrs

CO1	To understand the concept of IoT and Arduino Programming.
CO2	Interfacing of various sensors using Arduino Programming.
CO3	Explain the interfacing of data, I/O devices with Arduino.
CO4	To understand the Firebird and its interfacing with different embedded systems.
CO5	Demonstrate the application of IoT & Robotics in Hardware Prototype.

Unit-1: 8 Hrs

Familiarization with concept of IoT, Perform necessary Arduino installation, Arduino Basics, Concept of Embedded C Programming, Arduino Board Layout and Architecture, Arduino Shields and Libraries, Arduino Web Editor reading from sensors and writing to sensors.

Unit-2:

Fundamental concepts of various Sensors & Interfacing with Arduino: Infrared Sensor, LM35 Temperature Sensor, LDR, Ultrasonic Sensor, IR Sensor, DHT11 Temperature Humidity Sensor, Flame Sensor, Smoke Sensor, Soil moisture Sensor, Buzzer control, LCD display, OLED display.

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Pragati Trapathi

Unit-3: 8 hrs

Keyboard interfacing with Arduino, esp8266 wifi module for IOT Application, Interfacing, esp8266 with Arduino and use of ThingSpeak for IOT applications, Interfacing of NodeMCU with DC motor, servo motor.

Unit4: 8 hrs

Introduction of Firebird V and ATmega 2560, Embedded C Programming, Input output interfacing: Buzzer control using ATmega 2560, Output Interfacing: Control of DC motors, Motion control on Firebird V Robot.

Unit 5: 8 Hrs

Applications of IoT and Robotics: Home Automation system, Smart Health Monitoring system, Smart Traffic light control system, smart dust system, Obstacle detector robot, Robot using Bluetooth module.

References:

- Internet of Things: A Practionar Approach by Dr. Rajeev Chopra, Katson Publication.
- Internet of Things, by Jeeva Jose, Khanna Publishing.
- Robotics & Industrial Automation, by R.K. Rajput, S.Chand Publication.
- https://docs.arduino.cc/learn/starting-guide/getting-started-arduino.
- https://mechatronicsblog.com/nodemcu-programming-first-steps/.

Pragati Tripathi Coordinator, IOT & Robotics Lab COE Assistant Professor, ECE Dept.

Greater Noida



I.T.S ENGINEERING COLLEGE GREATER NOIDA

(A NAAC Accredited Engineering College)

2022-23

Evaluation Rubric (Process)

Department of Electronics & Communication Engineering

IOT & Robotics Concept Lab

		,	Scale		
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding the basic concept of IoT and arduino programming	Not Able to understand the basic concept of IoT and arduino programming	Somehow managed to understand the basic concept of IoT and arduino programming	Good understanding of the basic concept of IoT and arduino programming	Better understanding of the basic concept of IoT and arduino programming	Excellent Understanding of the basic concept of IoT and arduino programming
C2: Demonstration of interfacing of various sensors using arduino programming	Not able to demonstrate the interfacing of various sensors using arduino programming	Somehow managed to demonstrate the interfacing of various sensors using arduino programming	Able to demonstrate the interfacing of various sensors using arduino programming	Good demonstration of the interfacing of various sensors using arduino programming	Excellent demonstration of the interfacing of various sensors using arduino programming
C3: To apply and analyze data of different sensors with arduino	Not able to apply and analyze data of different sensors with arduino	Somehow managed to apply and analyze data of different sensors with arduino	Was able to apply and analyze data of different sensors with arduino	Properly apply and analyze data of different sensors with arduino	Excellently apply and analyze data of different sensors with arduino
C4: To understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems.	Not able to understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems.	Somehow understand the Firebird V ATmega 2560 and its interfacing with different embedded systems.	Was able to understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems.	Good understanding of the Firebird V- ATmega 2560 and its interfacing with different embedded systems.	Excellent understanding of the Firebird V ATmega 2560 and its interfacing with different embedded systems.
C5: Demonstration of IoT & Robotics in hardware prototype.	Not able to demonstrate the IoT & Robotics in hardware project	Somehow managed to demonstrate the IoT & Robotics in hardware project	project	Properly demonstration of IoT & Robotics in hardware	Excellent demonstration of IoT & Robotics in hardware project
	W I P	Dougathe	133	Director Director College Engineering College Greater Noida	

COI	To understand the concept of IoT and arduino programming.	
C 2	Interfacing of various sensors using Arduino programming.	
CO3	Explain the interfacing of data, I/O devices with Arduino.	
CO4	To understand the Firebird and its interfacing with different embedded systems.	
CO5	Demonstrate the application of IoT & Robotics in hardware prototype.	

TS Engineering College Greater Noida

		VALUE A	ADDED COURSE REC	ORD (INTE	RNAL TRAINING	3) 2022-23		
			ATTENDANCE	SHEET	_			
Batch	2021-25							
session	2022-23							
Sub:	IOT & Robotics Concept Lab							,

S.No.	Department	Sem	Training Name	Total Hours of Training	Trainee Name	Classes Held	Classes Attended	Attendance % age	Training Complete Successful
1	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Aadarsh	40	39	98	Y
2	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Abhay Sharma	40	37	92	Y
3	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Aditya Rana	40	34	84	Y
4	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Aditya Shankar	40	38	96	Y
5	ECS	3rd & 4th	IOT & Robotics Concept Lab	40	Akmal Hussain	40	30	74	N
6	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Alok Kumar Singh	40	33	82	Y
7	ECE	3rd & 4th	IOT & Robotics Concept	40	Ashwin Yadav	40	38	94	Y
8	ECE	3rd & 4th	IOT & Robotics Concept	40	Avinash A B Roy	40	38	96	Y

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		1	IOT & Robotics Concept	40	Bhumika Pal	40	34	84	Y
9	ECE	3rd & 4th	Lab	40	Bhuishka rai	40		0.0	Y
10	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Devraj Singh	40	39	98 .	
		3rd & 4th	IOT & Robotics Concept Lab	40	Gautam Negi	40	34	86	Y
1!	ECE		IOT & Robotics Concept	40	Harshit Raj	40	36	90	Y
12	ECE	3rd & 4th	Lab IOT & Robotics Concept		Md. Gulab Nabi	40	29	72	N
13	ECE	3rd & 4th	Lab IOT & Robotics Concept	40		18		68	N
14	ECE	3rd & 4th	Lab	40	Md Tausif Raja	40	27	90	Y
15	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Rakesh Kumar	40	36		
	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Riya Chaudhary	40	34	84	Y
16		3rd & 4th	IOT & Robotics Concept	40	Sahwag Raj	40	28	71	N
17	ECE		IOT & Robotics Concept	40	Sahzaad Bhatti	40	36	90	Y
18	ECE	3rd & 4th	Lab IOT & Robotics Concept					92	Y
19	ECE	3rd & 4th	Lab IOT & Robotics Concept	40	Shushant Siddharth	40	37	92	Y
20	ECE	3rd & 4th	Lab	40	Kumar	40	37		Y
21	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Sneha	40	33	82	
	ECE	3rd & 4th	IOT & Robotics Concept Lab	40	Sonu Kumar	40	32	80	Y
22			IOT & Robotics Concept	40	Urvesh Saifi	40	39	98	Y
23	ECE	3rd & 4th	IOT & Robotics Concept			40	29	72	N
24	ECE	3rd & 4tl	Lab IOT & Robotics Concept	40	Abhijeet			95	Y
25	ECE	3rd & 4t		40	Rahul	40	38		

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TS Engineering College Greater Noida

			I.T.S Engine	ering College,	Greater Noida				
		Departm	ent of Electro	onies & Comm	unication Engineerin	g			
			Mai	ks Assessment	sheet				
Batch	2020-24								
session	2022-23								
Sub:	IOT & Robotics Lab								
Methodology									
(victilodology									
			-						
		Benchmark		75%					
			Level 1	55% to 65% Students secure > 75% marks				Points	1
			Level 2	65% to 75%	Students secure > 75	5% marks		Points	2
			Level 3	>75% Stude	nts secure > 75% ma	rks		Points	3

	Course Outcome (COs)								
CO-1	To understand basics of Python Programming and data structures.								
CO-2	To demonstrate the working of ATmega 2560 Microcontroller.								
CO-3	To understand architecture of Raspberry Pi and its programming in python.								
CO-4	Analyze basic protocols in IoT Network.								
CO-5	To understand the study of STM32G474 Nucleo-64 board and its ODE Environment,								

S.No.	Roll No.	ioll No. Name of the Students		Understanding the basics of python programming and its data structures (CO1)		Demonstration of the working of ATmega 2560 Microcontroller (CO2)		Understanding the programming with Raspberry Pi Board (CO3)		Analyzing IOT communication protocols (CO4)		Understand the study of STM32G474 Nucleo-64 hoard (CO5)		Course Completed
				20	2	0.	2	20		0	20		100	>75% (Y/N)
			Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (¥/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)
1	2002220310001	ABHINAV KUMAR KANTH	13	И	14	N	14	N	14	N	14	N	69	N
2	2002220310002	ABHISHEK YADAV	19	Y	19	Y	16	Y	18	Y	19	Y	91	Y
3	2002220310003	AMAN PRATAP SINGH	19	Y	19	Y	16	Y	18	Y	18	Y	90	Y
4	2002220310004	AMBIKA	20	Y	20	Y	19/1	you	19	Y	20	Y	98	Y
5	2002220310005	AYUSH RAJ	15	Y	15	Y	15	Y	15	Y	14	N	74	.N
6	2002220310006	DIVYA VERMA	20	Y	20	Y	19	N _Y Di	rebte		20	У	98	Y

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	% ATTAIN	MENT		0.83	0	.83	0.	70	0.	78	0.8	3		0.74
	Level Achie	vement		19	_	19		16		8	19			17
3	1902220310011 (EX)	DEEPAK MANDAL	11	N	14	N	12	И	12	N	13	N	62	И
2	2102220319001	NAVDEEP THAKUR	15	Y	15	Y	14	N	14	N	16	Y	74	N
1	1902220310047	Vivek	14	N	14	N	15	И	14	N	15	Y	72	И
0	2102220319003	Prashsant	17	Y	18	Y	13	Y	1.8	Y	47	Y	88	Y
19	2102220319002	Parveen	20	Y	18	Y	18	1. 1.	10	Y	19	Y	94	Y
8	2002220310022	VIKRAM KUMAR JHA	16	Y	18	Y	17	Y	17	Y	18	Y	86	Y
7	2002220310021	UMESH KUMAR	18	Υ	17	Y	17	Y	16	Y	18	Y	86	Y
6	2002220310020	SUMAN KUMAR	16	Y	16	Y	14	N	18	Y	18	Y	82	Y
5	2002220310017	RAJU KUMAR	17	Y	18	Y	18	Y	18	Υ '	17	Y	88	Y
4	2002220310016	RAHUL RAI	16	Y	16	Y	14	N	18	Y	18	Y	82	Y
3	2002220310014	PRASHANT KUMAR	19	Υ	18	Y	18	Υ	19	Y	18	Y	92	Y
2	2002220310012	LOKESH BISHT	20	У	17	Υ	18	Y	18	Υ	19	Y	92	Y
1	2002220310011	KOMAL NAGAR	19	Y	17	Y	16	Y	17	Y	17	Y	86	Y
0	2002220310010	KAVITA YADAV	19	Y	17	Y	16	У	17	Y	17	Y	86	Y
	2002220310009	KASHISH SOLAN	19	Y	17	Υ	16	Y	17	Y	15	Y	84	. Y
	2002220310008	KANCHAN GUPTA	19	Y	19	Y	19	Y	17	Y	16	Y	90	Y
	2002220310007	HARSHIT MISHRA	14	И	14	14	14	N	14	И	14	N	70	N

	Understanding the basics of python programming and its data structures	Demonstration of the working of ATmega 2560 Microcontroller	Understan ding the programm ing with Raspberry Pi Board	Analyzing IOT communicat ion protocols	Understand the study of STM32G474 Nucleo-64 board	Average	
CO1	0.83					0.83	
CO2		0.83				0.83	
CO3			0.70			0.70	
CO4				0.78		0.69	
CO5					0.83	0.62	
	Interi	nal Average Attainment				0.74	
		rall CO Attainment %				24.67	0.25

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	THE REAL PROPERTY.			CO & PO Map	ping (Three	e Level: 3	-ournigry r	teraced, 2 1	Todordo, 1	Director	The second second second	the second second second second	-	
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CO 1	2		3	2	3				2		1	1	3	2
CO 2	3	2	2	3	2				3				3	3
00 3	2	1	2	1	2	-			2		1		3	2
CO 4	1	2	2	2	1				2				2	2
CO 5	2	2	1	I	2		1		2				2	3
	2	1.75	2.00	1.80	2.00				2.20		1.00	11	2.6	2
Average	2	3.75						D. L. L. O		1 (15: .). 41				
Average	2	3.73		CO & PO Atta		ee Level :	3-Strongly	Related, 2	-Moderate.	J-Slightly				T
Average						ee Level :	3-Strongly	Related , 2	-Moderate,	I-Slightly PO10	PO11	PO12	PSO1	-
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CO 1	PO1 0.49	PO2	PO3 0.74	CO & PO Atta PO4	inment (Thr PO5		-		PO9		-		_	0.49
CO 1 CO 2	PO1 0.49 0.74	PO2 0.49	PO3 0.74 0.49	CO & PO Atta PO4 0.49	inment (Thr PO5 0.74		-		PO9 0.49		-		0.74	0.49 0.25
CO 1 CO 2 CO 3	PO1 0.49 0.74 0.49	PO2 0.49 0.25	PO3 0.74 0.49 0.49	CO & PO Atta PO4 0.49 0.74	nment (Thr PO5 0.74 0.49		-		PO9 0.49 0.74		0.25		0,74 0.74	0,49 0.25 0.49
CO 1	PO1 0.49 0.74	PO2 0.49	PO3 0.74 0.49	CO & PO Atta PO4 0.49 0.74 0.25	nment (Thr PO5 0.74 0.49		-		PO9 0.49 0.74 0.49		0.25		0.74 0.74 0.74	PSO2 0.49 0.25 0.49 0.49 0.74

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46, Knowledge Park-III, Greater Noida, Distt. Gautam Budh Nagar (U.P.) Ph: (0120) 2331000/1, Website: its.edu.in

Department of Electronics & Communication Engineering

Centre of Excellence - IOT & Robotics Lab

(Module-II)

BTech-IIIrd Year

Duration: 40 Hrs.

CO1	To understand basics of Python Programming and data structures.
CO2	To demonstrate the working of ATmega 2560 Microcontroller.
CO3	To understand architecture of Raspberry Pi and its programming in python.
CO4	Analyze basic protocols in IoT Network.
CO5	To understand the study of STM32G474 Nucleo-64 board and its ODE Environment.

Unit-1:

Introduction to Python Programming, Conditional Execution, Loops in Python, Input-Output Statements in Python, Operators, Data Types, Decision Making in python, Control Statement in Python, Functions, Modules, Exception Handling, File Handling, Reading Images, Networking in Python.

Unit-2: 8 hrs

Controlling Servo Motor using ATmega 2560, Timer Overflow Interrupt using ATmega 2560, Position Control Interrupt using ATmega 2560 & Serial Communication using ATmega 2560.

Unit-3: 8 hrs

Introduction to Raspberry Pi, Architecture, Pin Configuration, Python Programming: Blinking LED, DC & servo motor, Temperature Dependent Auto Cooling System, Remote Data Logging, Data Plotting.

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Unit-4: 8 hrs

Study of various IOT Protocols: Bluetooth and BLE protocol, Wi-Fi, AMQP protocol, Cellular Protocol, CoAP protocol, DDS, LoRa and LoRaWAN.

Unit-5: 8 hrs

Study and Analysis of STM 32G474 Nucleoboard: Study of Arm Cortex-M4 processor, Introduction to Flash Memory and its organization, Features & Programming, USART: Block diagram, Features, Modes, Data formats, Study and Analysis of Diode Simulator and AC Switch Simulator, STM 32 ODE.

References:

- Internet of Things: A Practionar Approach by Dr. Rajeev Chopra, Katson Publication.
- Internet of Things, by Jeeva Jose, Khanna Publishing.
- Robotics & Industrial Automation, by R.K. Rajput, S.Chand Publication.
- https://docs.arduino.cc/learn/starting-guide/getting-started-arduino.
- https://mechatronicsblog.com/nodemcu-programming-first-steps/.
- https://www.raspberrypi.org/
- https://www.st.com/content/st_com/en/support/learning/stm32-education/stm32-onlinetraining/stm32g4-online-training.html

https://www.st.com/en/microcontrollers-microprocessors/stm32g4-series.html

Pragati Tripathi Coordinator, IOT & Robotics Lab COE Assistant Professor, ECE Dept.

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I.T.S ENGINEERING COLI GREATER NOIDA (A NAAC Accredited Engineering C

Evaluation Rubric (Process)

2022-23

Department of Electronics & Communication Engineering

IOT & Robotics Lab COE Scale

		State			
	1 (0-20%)	2 (20-40%)	3 (40-60%)	4 (60-80%)	5 (80-100%)
C1: Understanding the	Not Able to understand	Somehow managed to	Good understanding	Better	Excellent Understanding
basics of python	basics of python	understand basics of	of python	understanding of	of python programming
programming and its data	programming and its	python programming and	programming and its	python	and its data structure
structures	data structure	its data structure	data structure	programming and	
C2: Demonstration of the	Not able to demonstrate	Somehow managed to	Good demonstration	Better	Excellent demonstration
working of ATmega 2560	the working of ATmega	demonstrate the working	of the working of	demonstration of	of the working of
Microcontroller	2560 Microcontroller	of ATmega 2560	ATmega 2560	the working of	ATmega 2560
		Microcontroller	Microcontroller	ATmega 2560	Microcontroller
		29		Microcontroller	
C3: Understanding the	Not able to understand	Somehow managed to	Good understanding	Better	Excellent understanding
programming with	the programming with	understand the	of the programming	understanding of	of the programming with
Raspberry Pi Board	Raspberry Pi Board	programming with	with Raspberry Pi	the programming	Raspberry Pi Board
		Raspberry Pi Board	Board	with Raspberry Pi	
				Board	
C4: Analyzing IOT	Not able to analyze IoT	Somehow managed to	Was able to analyze	Properly analyze	Excellently analyze IoT
communication protocols	communication	analyze IoT	IoT communication		communication protocols
	protocols	communication protocols	protocols	protocols	
			V	ayano	
C5: Understand the study	Not able to explain	Somehow managed to	Was able to to	Good explanation	Excellent explanation
of STM32G474 Nucleo-64	study of STM32G474	explain study of	explain study of	study of	study of STM32G474
board.	Nucleo-64 board.	STM32G474 Nucleo-64	STM32G474 ITS E	STM32G474	Nucleo-64 board.
		board.	Nucleo-64 board.	Nucleo-64 board.	
		600	1		

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CO1	To understand basics of Python Programming and data structures.
CO2	To demonstrate the working of ATmega 2560 Microcontroller.
CO3	To understand architecture of Raspberry Pi and its programming in python.
CO4	Analyze basic protocols in IoT Network.
CO5	To understand the study of STM32G474 Nucleo-64 board and its ODE Environment.

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	VALUE A	DDED CO	URSE RECORD (II	NTERNAL TRA	INING) 2022-23			
	THE CALL		ATTENDANG	CE SHEET				
Batch	2020-24							-
Batch session	2022-23						_	
Sub:	IOT & Robotics Lab							

S.No.	Department	Sem	Training Name	Total Hours of Training	Trainee Name	Classes Held	Classes Attended	Attendance %	Training Completed Successfully
1	ECE	5th & 6th Sem	IOT & Robotics Lab	40	ABHINAV KUMAR KANTH	40	. 28	70	И
2	ECE	5th & 6th Sem	IOT & Robotics Lab	40	ABHISHEK YADAV	40	33	82	Y
3	ECE	5th & 6th Sem	10T & Robotics Lab	40	AMAN PRATAP SINGH	40	32	80	Y
.4	ECE	5th & 6th Sem	IOT & Robotics Lab	40	AMBIKA	40	32	81	Y
5	ECE	5th & 6th Sem	IOT & Robotics Lab	40	AYUSH RAJ	40	35	87	N
6	ECE	5th & 6th Sem	IOT & Robotics Lab	40	DIVYA VERMA	40	34	86	Y
7	ECE	5th & 6th Sem	IOT & Robotics Lab	40	HARSHIT MISHRA	40	26	65	И
8	ECE	5th & 6th Sem	IOT & Robotics Lab	40	KANCHAN GUPTA	40	33	82	Y

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9	ECE	5th & 6th Sem	IOT & Robotics Lab	40	KASHISH SOLAN	40	29	72	Y
10	ECE	5th & 6th Sem	IOT & Robotics Lab	40	KAVITA YADAV	40	32	80	Y
11	ECE	5th & 6th Sem	IOT & Robotics Lab	40	KOMAL NAGAR	40	32	81	Y
12	ECE	5th & 6th Sem	IOT & Robotics Lab	40	LOKESH BISHT	40	33	83	Y
13	ECE	5th & 6th Sem	IOT & Robotics Lab	40	PRASHANT KUMAR	40	34	84	Y
14	ECE	5th & 6th Sem	IOT & Robotics Lab	40	RAHUL RAJ	40	28	71	Y
15	ECE	5th & 6th Sem	IOT & Robotics Lab	40	RAJU KUMAR	40	30	76	Y
16	ECE	5th & 6th Sem	IOT & Robotics Lab	40	SUMAN KUMAR	40	30	74	И
17	ECE	5th & 6th Sem	IOT & Robotics Lab	40	UMESH KUMAR	40	32	79	N
18	ECE	5th & 6th Sem	IOT & Robotics Lab	40	VIKRAM KUMAR JHA	40	32	80	Y
19	ECE	5th & 6th Sem	IOT & Robotics Lab	40	Parveen	40	32	81	Y
20	ECE	5th & 6th Sem	IOT & Robotics Lab	40	Prashsant	40	32	81	Y
21	ECE	5th & 6th Sem	IOT & Robotics Lab	40	Vivek	40	33	83	Y

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22	ECE	5th & 6th Sem	IOT & Robotics Lab	40	NAVDEEP THAKUR	40	34	84	Y
23	ECE	5th & 6th Sem	10T & Robotics Lab	40	DEEPAK MANDAL	40	29	72	N

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			1.7	r.S Engineering College, Greater Noida					
			Departmen	nt of Electronics & Communication Engineer	ring				-
				Marks Assessment sheet					
Batch	2021-25								
session	2022-23								
Sub:	IOT & Robotics Con	ncept Lab							
Methodolog	У								
		Benchmark		75%					
			Level i	55% to 65% Students secure more than 7	5% marks			Points	1
			Level 2	65% to 75% Students secure more than 7	65% to 75% Students secure more than 75% marks				
			Level 3	>75% Students secure more than 75% ms	urks			Points	3

	Course Outcome (COs)
CO-1	To understand the concept of IoT and arduino programming.
CO-2	Interfacing of various sensors using Arduino programming.
CO-3	Explain the interfacing of data, I/O devices with Arduino.
CO-4	To understand the Firebird and its interfacing with different embedded systems.
CO-5	Demonstrate the application of IoT & Robotics in hardware prototype.

S.No.	Roll No.	Name of the Students	Understanding ardu	Demonstration of interfacing of various sensors using arduino programming (CO2)		To apply and analyze data of different sensors with arduino (CO3)		To understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems (CO4)		Demonstration of IoT & Robotics in hardware prototype (CO5)		Total Marks	Course Completed	
				20		20		20		20		100	>75% (Y/N)	
			Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)	Marks	>75% (Y/N)
1	2102220310001	Aadarsh	19	Y	19	Y	20	Y	20	Y	20	Y	98	Y
7	2102220310002	Abhay Sharma	17	Y	16	Y	19	Y	20	Y	20	Y	92	Y
3	2102220310005	Aditya Rana	15	Y	19	Y	17	Ÿ	15	Y	18	Y	84	Y
4	2102220310006	Aditya Shankar	19	Y	19	Y	19	Y	19	Y	20	Y	96	Y
5	2102220310007	Akmal Flussáin	18	Y	13	N	14	И	13	И	16	Y	74	N
6	2102220310008	Alok Kumar Singh	16	Y	17	Y	16	Y	15	Y	18	Y	82	Y
7	2102220310009	Ashwin Yadav	20	Y	18	Y	19	Y	19	Y	18	Y	94	Y
8	2102220310010	Avinash A B Roy	20	Y	19	Y	19	M	19	Y	19	Y	96	Y
9	2102220310011	Bhumika Pal	18	Y	17	Y	16	and Control	15	Y	18	Y	84	Y

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10	2102220310012	Devraj Singh	20	Y	19	Y	19	Y	20	Y	20	Y	98	Y
11	2102220310013	Gautam Negi	17	Y	16	Ý	17	Y	19	Y	17	Y	86	Y
12	2102220310014	Harshit Raj	19	Y	18	Υ	19	Y	17	Y	17	Y	90	Y
13	2102220310016	Md. Gulab Nabi	16	Y	13	N	13	N	14	И	16	Y	72	N
14	2102220310018	Md Tausif Raja	14	N	13	N	13	N	14	N	14	N	68	N
15	2102220310021	Rakesh Kumar	20	Y	19	Y	18	Y	17	Y	16	Y	90	Y
16	2102220310022	Riya Chaudhary	15	Y	15	Y	18	Y	17	Y	19	Y	84	Y
17	2102220310023	Sahwag Raj	13	N	16	Y	13	N	14	N	15	Y	71	И
18	2102220310024	Sahzaad Bhatti	19	Y	19	Y	19	Y	13	Y	15	Y	90	Y
19	2102220310026	Shushant	19	Y	18	Y	19	Y	10	Y	17	Y	92	Y
20	2102220310027	Siddharth Kumar	18	Y	19	У	19	Y	19	Ϋ́	17	Y	92	Y
21	2102220310028	Sneha	17	Y	16	Y	16	Y	16	Y	17	Y	82	Y
22	2102220310039	Sonu Kumar	17	1.	15	Y	16	Y	17	Y	1.5	Y	80	Y
23	2102220310030	Urvesh Saifi	19	Y	19	Y	20	Y	20	Y	20	Y	98	Υ
24	2202220319001	Abhijeet	15	Y	15	Y	13	И	14	N	15	Y	72	N
25	2202220319002	Rahul	19	Y	19	Y	19	Y	19	Y	19	Y	95	Y
4.7	Level Achi			23	22		2	0	2	10		24		20
	% ATTAI			0.92	0.8	8	0.	80	0.	80	0	.96		0.80

	Understanding the basic concept of IoT and arduino programming	Demonstration of interfacing of various sensors using arduino programming	To apply and analyze data of different sensors with arduino	To understand the Firebird V- ATmega 2560 and its interfacing with different embedded systems	Average	
COI	0.92				0.92	
CO2		0.38			0.88	
CO3			0.80		0.80	
CO4				0.80	0.80	
CO5			1		0.96	
		Internal Average At	tainment		0.88	
		Overall CO Attains	NAME AND ADDRESS OF THE OWNER, WHEN PERSON AND PARTY OF		29.33	0.29

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POll	PO12	PSO1	PSO2
CO 1	2	102	3	2	3				2		1	1	3	2
CO 2	3	2	2	3	2				3				3	1
CO 3	2	1	2	1	2				2		1		3	2
CO 4	1	2	2	2	1				2				2	2
CO 5	2	2	1	1	2				2				2	3
Average	2	1.75	2.00	1.80	2,00				2.20		1.00	1	2.6	2

			CO	& PO Atta	inment (Th	ree Level :	3-Strongly	Related,	2-Moderate	e, 1-Slightly				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	0,59	102	0.88	0.59	0.88				0.59		0.29	0.29	0.88	0.59
CO 2	0.88	0.59	0.59	0.88	0.59				0.88				0.88	0.29
CO 3	0.59	0.29	0.59	0.29	0.59				0.59		0.29		0.88	0.59
CO 4	0.29	0.59	0.59	0.59	0.29				0.59				0.59	0.59
CO 5	0.59	0.59	0.29	0.29	0,59				0.59				0.59	0.88
Achieved	0.59	0.51	0.59	0.53	0,59				0.65		0.29	0.29	0.76	0.59

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I.T.S ENGINEERING COLLEGE GREATER NOIDA

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DEPARTMENT OF MECHANICAL ENGINEERING

Plan for "SMC Pneumatics" COE Academic Year 2020-21

The training Program for "SMC Pneumatics" will be conducted in 2 sessions for 3rd year mechanical engineering students. First, training will be provided on pneumatic technology and after that training on electro-pneumatic technology will be provided. For pneumatic technology, training will be provided in Sept- Dec session and for electro-pneumatic technology training will be provided in Jan- April session.

Training Program for Pneumatic Technology:

The training program on pneumatic technology will be conducted in odd semester for all 5th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of pneumatic systems and their components will be imparted and hand on practice on pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Pneumatic Technology

Topics:

Introduction of Pneumatics: Needs and Applications

The Basic Pneumatic Systems & Compressed Air Theory: Air production System, air consuming system, properties of gas, air humidity, relative humidity, pressure and flow.

Air Compression and Distribution: Compressors, types of compressors, compressor accessories, air receiver, air dehydration, air dryers, air distribution, automatic drains.

Filters and Regulators: Micro filters, main line filters, filter selection, filtering level, pressure regulation, filter regulators, pilot operated regulators, sizing of regulators and filters.

Actuators: Linear cylinders, Single acting cylinders, double acting cylinders, cylinder construction, special cylinder, cylinder sizing, cylinder force, Rotary actuators, sizing rotary operation, locking cylinders, rod less cylinders, air chucks.

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Directional Control Valves: Valve functioning, port indication, monostable and bistable, valve types, valve operations.

5/2 Valves: Valves nomenclature, ISO symbol, valve operation, monostable, bistable and memory valve, valves mounting.

Auxiliary Valves: Non-returning valves flow control valves, quick exhaust valves, shuttle valves, two pressure valves, air timer, ISO symbols, valves operation, and valves mounting.

Session Plan: COE Pneumatics Lab

V	MECHANICAL ENGINEERING DEPARTMENT Session Plan: COE Pneumatic Lab
	Academic Session: 2020-21
	Course/ Program year/Semester: B.Tech/ Third Year/ 5th Sem
S.NO	TOPICS
1	Introduction of Pneumatics: Needs and Applications
2	The Basic Pneumatic Systems & Compressed Air Theory
3	Filters and Regulators, Actuators
4	Directional Control Valves
5	5/2 Valves
6	Auxiliary Valves
7	Exercise 1 :Working of single acting cylinder
8	Exercise 2: Working of single acting cylinder Using 3/2 NO valve
9	Exercise 3: Working of double acting cylinder using 5/2 Valve
10	Exercise 4: Working of 5/2 PB valve
11	Exercise 5: Opening of gate using two safety switches
12	Exercise 6: Working of double acting cylinder using quick exhaust valve

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Training Program for Electro-Pneumatic Technology:

The training program on electro-pneumatic technology will be conducted in even semester for all 6th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan prepared for electro-pneumatic technology. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of electro-pneumatic systems and their components will be provided and hand on practice on electro-pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Electro-Pneumatic Technology

Topics:

Introduction of Electro-Pneumatics: Economical and technical aspect of electro-pneumatic systems, needs and applications, Consequences of hybrid system.

Basic electrical theory: Atom, direct current accumulators, generators, elementary circuit, Ohm's law, series connection, parallel connection, magnetism, transformers.

Magnetic cylinder switches: Principle, mounting methods, troubleshooting, switch assemblies, selection of assemblies.

Solenoid Valves: Operation, skinner principle, power valves, pilot operation, reliability of valves.

Relay and sensors: Principle, relay function, Plug in relay types, special function relay, proximity sensors, optical, retroreflective, reflective, inductive, capacitive type sensors.

Electric timers: Construction, application, ISO symbol, mounting and application.

Electro-pneumatic Circuits: Circuit design, diagram layout, basic circuits, Multiplying contact, The holding circuit, Contact Inversion, Timing circuit, Flashing Lamp, Pulse, Variable repeating movement.

Safety in Automation: Compressed air safety, electric current safety, effect of electric current on humans, safety measures.

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Session Plan: COE Electro-Pneumatic Lab

	MECHANICAL ENGINEERING DEPARTMENT
	Session Plan: COE Electro-Pneumatic Lab
	Academic Session: 2020-21
	Course/ Program year/Semester: B.Tech/ Third Year/ 6th Sem
S.NO	TOPICS
1	Introduction: Economical and technical aspect of electro-pneumatic systems
2	Basic electrical theory
3	Magnetic cylinder switches
4	Solenoid valves
5	Relay, Sensors
6	Electric timers
7	Electro-pneumatic circuits
8	Electro-pneumatic circuits: Multiplying contact
9	Electro-pneumatic circuits: Holding circuit
10	Electro-pneumatic circuits: Contact inversion
11	Electro-pneumatic circuits: Timing circuit
12	Electro-pneumatic circuits: Flashing lamp

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Study Material:

Study material being made available to the students (Ready)

In form of PPTs (Ready for Pneumatic Technology)

Hard copy contents (Not available however can be prepared from the available contents)

Soft copy contents (Ready)

Learning Outcome:

On completion of this training programme participants should be able to

- Explain the meaning of pneumatics and basic pneumatic system.
- Compare hydraulic, pneumatic and mechanical power transmission system.
- Describe pressure, flow and various gas laws.
- Describe Air Humidity, Dew Point, Atmospheric dew point (ADP), Pressure Dew Point (PDP) and Relative Humidity (R.H)
- Describe Compressors, Aftercoolers, Air Dryers (Absorption and Adsorption)
- Describe Air Treatment (Filtering, Pressure Regulation and Compressed air lubrication)
- Describe FRL (Filter-Regulator-Lubricator) Units.
- Describe Directional Control Valves (2/2 ON/OFF, 3/2 NC, 3/2 NO, 4/2 .5/2.5/3).
 Auxiliary Valves (NRV, Flow Control Valves, Quick Return Valves, Shuttle Valves-OR Gate, Two Pressure Valves –AND Gate, Air Timer-Air Delay Valve)
- Describe Actuators (Single Acting Cylinders and Double Acting Cylinders)
- Explain Symbols of Air Treatment Equipments, Actuators, Valves and pneumatic and electro-pneumatic circuits.

Sat

Make circuit for various automation tasks.

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Conduct of Examination/test online and offline for students semester wise

5th Semester:

Assessment for the Period	Platform being utilized for online test	Type of platform	Purpose of the test		
5 th Semester	Google Docs	Internal Test (MCQ based on basic of Pneumatic Technology)	To check the knowledge of Pneumatics		

Students will also be evaluated on the basis of their ability to make circuits on Pneumatic Circuits boards.

6th Semester

Assessment for the Period	Platform being utilized for online test	Type of platform	Purpose of the test being conducted
6 th Semester	Google Docs	Internal Test (MCQ based on basic of Electro- Pneumatic Technology)	To check the knowledge of Electro-Pneumatics

Students will also be evaluated on the basis of their ability to make circuits on Electro-Pneumatic Circuits boards.

Industry Connect:

Options available as per industry connect

- 1. SMC Pneumatics India Pvt. Ltd
- 2. Competent Pneumatics Pvt. Ltd
- 3. Techno Pneumatics
- 4. Saint Gobin Indi Pvt. Ltd
- 5. Janatics India Pvt. Ltd
- 6. Festo India Pvt. Ltd
- 7. SG Pneumatics India Pvt. Ltd
- 8. Swam Pneumatics Pvt. Ltd.
- 9. Air Max Pneumatics Ltd
- 10. SR Thermonix Technology Pvt. Ltd
- 11. Nexus Pneumatics Pvt. Ltd
- 12. Chicago Pneumatic

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Requisite for student for getting placed in industry

- Good concepts of Pneumatics
- Good knowledge of Pneumatics system
- Comfortable with Pneumatics circuits designing
- Good aptitude and logical thinking
- Problem solving ability

E-Learning courses planned

5thand 6thSemester

Assessment for the Period	Platform being utilized for online test	Type of platform	Purpose of the test being conducted
5 th Semester	Google Docs	Online	Internal Assessment
6 th Semester	Google Docs	Online	Internal Assessment

7th Semester: Provide helps in preparing minor project of final year students.

8th Semester: Provide helps in preparing major project of final year students.

<u>Certification:</u> Certificate will be provided for all participating students having attendance more than 75% in COE Lab.

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I.T.S ENGINEERING COLLEGE GREATER NOIDA

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SMC Training Program Report

Name of the Event: Online Workshop on "Basics on Pneumatic Technology" at ITS Engineering College, Greater Noida.

Trainer: Mr. Chetan Dixit

Event Coordinator(s): Mr. Manvendra Yadav, Mr. Chetan Dixit, Mechanical Engineering Department

Date of Event: 02/11/2020 to 03/11/2020

Time: 9:30 AM - 12:30 PM

Venue: COE: SMC Pneumatics, ITS Engineering College, Greater Noida

Objective:

- 1. To acquaint with the role of Pneumatic system in the growth of Industrial sector for the Nation.
- 2. To understand the basic components of Pneumatic system to the future generation of Automation.
- 3. To develop the understanding to the Pneumatic circuits for designing circuits required for automation.

Main Report:

Al students of final year Mechanical Engineering Department attended the two days online workshop on "Basics of Pneumatic Technology" at COE: SMC Pneumatics, ITS Engineering College Greater Noida during 02/11/2020 to 03/11/2020. The Trainer, Mr. Chetan Dixit, presently working as the Assistant Professor in Mechanical Engineering Department of ITS Engineering College, highlighted the need for Automation in modern era. The Trainer revised the few concepts of Refrigeration and air condition with psychometric chart. He started Module 1 with the basic components used in Pneumatics system and the real time application area of pneumatics in industries. In Module 2 he guided about the Actuators, cylinders, Directional control valves and auxiliary valves. In Module 3 he explained the use of circuits and the process to design the circuits with the help of sequences formed in the problems. The theory class was also followed by lab work in which six exercises were completed.

Workshop Outcome:

- The short training helped the students to understand the role of Automation in economical development for the nation.
- ii) It also helped the students to explore new dimension for the use pneumatics or low cost automation in Industries.
- iii) To develop the power circuits for the Pneumatic System to the working applications.

Participation details:

All final year Students of Mechanical Engineering Department.

I.T.S The Education Group

		e Sheet- SMC							DEPTENDED	27.7
0 11	The state of the s	ar-VII-A 2020-21	2-Nov-20	2-Nov-20	2-Nov-20	2-Nov-20	3-Nov-20	3-Nov-20	3-Nov-20	3-Nov-2
Sr. No.	Roll Number		PP	PP	PP	PP	PP	PP	PP	PP
1	The second secon	AMAN SRIVASTAVA	А	A	А	А	А	А	Α	Α
2		KAVIRAJ KUMAR	Р	Р	Р	Р	Р	P	Р	P
3		AAKASH BHATI	Р	Р	Р	Р	Р	Р	P	P
4		AASHISH SHARMA	Р	Р	Р	Р	А	Α	A	A
5		AASHU KR. JHA	Α	А	Α	A	А	А	Α	Α
6	the second secon	ABHAY SINGH	Α	Α	A	A	Α	A	A	A
7	1722240005	ABHISHEK SOLANKI	Α	Α	Α	Α	A	A	A	A
8	1722240006	ABHISHEK SRIVASTAVA	P	P	Р	P	P	P	P	P
9	1722240007	ACHAL KHANNA	Р	P	Р	P	P	P	P	P
10	1722240010	AJAY TANWAR	Р	P	P	P	A	A	A	A
11	1722240011	AKARSH PANDEY	А	Α	A	A	A	A	A	A
12	1722240012	AKASH KUMAR	Α	Α	A	A	P	P	P	P
13	1722240013	AKHAND PANDEY	A	Α	A	A	A	A	A	A
14	1722240014	AMAN JAIN	A	A	A	A	P	P	P	P
15	1722240015	AMAN SHARMA	Р	P	P	P	P	P	P	P
16	1722240018	ANUJ KUMAR	P	P	P	P	P	P	P	P
17	1722240019	ARJIT NOHWAR	А	A	Α	A	A	A		
18	1722240020	ARSH REHMAN	A	A	A	A	A		A	A
19	1722240021	ARSHAD IQBAL	A	A	A	A	A	A	A	A
20	1722240022	ASIF KHAN	A	A	A	A		A	Α	A
21	1722240024	AZAHARUDIN ANSARI	P	P	P	P	A	A	A	A
22		BALDHARI KUMAR	A	A			Р	Р	Р	Р
23		BHARTENDU KUMAR	P	P	A	A	Α	Α	Α	Α
24		CHANDAN CHAUDHARY	A			P	Α	Α	Α	Α
25		DIVYANSHU KUMAR	A	A	A	A	Α	Α	A	A
26		JEEVESH GUPTA	A	A	A	A	A	Α	А	А
27	Charles Control of the Control of th	JITUPAN DEKA	Charles of the second s	A	A	A	Α	Α	Α	Α
28		KESHAV KASHYAP	A P	A	A	A	Α	Α	Α	Α
29	1722240032	A STATE OF THE PARTY OF THE PAR		P	Р	Р	Α	Α	Α	Α
30	1722240033		A	A	А	Α	Р	Р	Р	Р
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31	1722240034 MAJID KHAN	A	I A	1 .					
32	1722240035 MANISH PAL	P	P	A	A	Α	A	Α	A
33	1722240036 MD SULEMAN AKHTAR	A	A		Р	Α	Α	A	А
34	1722240037 MD EHTESHAM AKHTAR	A		A	A	Α	A	A	A
35	1722240039 MD. WALIULLAH	P	A P	A	A	Α	Α	A	А
36	1722240040 MOHAMMAD FAIZ AHMED		P	P	P	Р	Р	P	Р
37	1722240041 NITESH PAL		Р	P	P	Р	P	P	P
38	1722240042 PRASHANT KUMAR	Р	Р	Р	Р	А	A	A	A
39	1722240043 RAHUL MAURYA	Α	A	Α	А	A	A	A	A
40	1722240044 RAKSHIT TIWARI	Р	Р	P	Р	Α	A	A	
41		Α	Α	A	A	A	A	A	A
42	1722240045 RAMANDEEP SINGH	Р	P	P	P	P	P	P	A
43	1722240046 RITURAJ KUMAR	Р	Р	P	Р	P	P		P
44	1722240047 ROBIN RAJ	Α	А	A	A	A	A	P	P
45	1722240048 ROHIT ANAND	A	A	A	A	A		A	A
46	1722240049 SACHIN GAUTAM	Α	A	A	A	A	A	А	A
47	1722240051 SHAMSHAD AHMAD	Р	Р	P	P	P	A	Α	A
	1722240052 SHARFE ALAM	Р	Р	P	P	P	Р	Р	P
48	1722240053 SHIVAM VERMA	Р	Р	P	P		Р	Р	Р
49	1722240054 SHUBHAM SHARMA	Α	A	A	A	Р	Р	Р	P
50	1722240055 SHUBHAM SINGH	P	P	P	P	Α	Α	Α	A
51	1722240056 SHWETANK GUPTA	Р	P	P		Α	Α	Α	А
52	1722240057 SOMESH PANDEY	А	A		Р	Α	Α	Α	А
53	1722240058 SYED FAISAL HUSSAIN	A	A	A	A	Α	Α	A	A
54	1722240060 SYED YUSUF AMIN	A	A	A	A	Α	Α	Α	A
55	1722240061 UJJWAL KR. PANDEY	A	A	A	A	-P	Р	Р	Р
56	1722240062 VISHAL KUMAR	A		Α	A	Α	Α	Α	A
57	1722240063 WASIUDDIN	P	A	Α	A	Α	Α	А	A
58	1722240064 ZAID ASIF	P	Р	Р	Р	Р	Р	Р	Р
59	1822240901 MAYANK RAJ		Р	Р	Р	Р	Р	Р	Р
30	1822240902 NITISH KR. YADAV	Р	Р	Р	P	Р	Р	Р	Р
51	1622240013 Amit Kumar	A	A	Α	A	Α	A	A	A
	Total	Α	A	A	A	Α	A	A	A
	Total	26	26	26	26	21	21	21	21

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I.T.S ENGINEERING COLLEGE GREATER NOIDA (A NAAC Accredited Engineering College)

Department of Mechanical Engineering

Marks Assessment sheet

Batch session 2020-2021

2019-23

AutoCAD Training

	Methodology	Pr William L.		Scale	5(80-100%)		
	Course Outcome (COs)	1 (0-20%)	2 (20-40%)	3 (40-60%)	4(60-80%)		
CO-1	Practicing AutoCAD tools used for 2D geometry in drafting and design of the mechanical design and manufacturing industries.	Does not able to use the tools available in AutoCAD.	tools available in	Use basic tools in AutoCAD and apply them in the drafting of basic machine components.		Use advance commands of AutoCAD for drafting and design of mechanical design and manufacturing industries' components	
CO-2	Apply basic CAD concepts to develop and construct accurate 2D geometry constructions.		Application of very few Basic CAD concepts in geometrical construction.	Application of a few Basic CAD concepts but geometrical constructions are not accurate.	constructions are not accurate.	Application of all Basic CAD concepts in 2D geometrical construction with the highest accuracy.	
CO-3	Create, manipulate and edit 20 drawings and figures.	Unable to create 20 drawings.	Able to create the 2D drawings but unable to manipulate and edit them.	Able to create and manipulate the 2D drawings to but unable to edit the drawings.	and edit 2D drawings and figures.	Excellent in creating, manipulating and editing of 2D drawings and figures.	
CO-4	Practicing the User Coordinate Systems and 3D tools of AutoCAD to create 3-D entities and manipulate AutoCAD block attributes.	AutoCAD software.	Able to use 3D tools of AutoCAD to create 3-D entities but unable to manipulate AutoCAD block attributes.	Able to use 3D tools of AutoCAD to create 3-D entities and manipulate -AutoCAD block attributes.	AutoCAD to create 3-D entities but average in the manipulation of AutoCAD block attributes.	Excellent in the use of 3D tools of AutoCAD to create 3-D entities and manipulate AutoCAD block attributes.	
CO-5	Apply elements of mechanica drafting such as layers dimensions, drawing formats and 2D and 3D figures in industrial drawings.	, elements of mechanica , drafting such as layer n dimensions, drawin formats, and 2D and 3	D formats, and 2D and 3	elements of mechanica	lelements of mechanica drafting such as layers dimensions, drawing formats	Excellent in applying the elements of mechanical drafting such as layers dimensions, drawing formats, and 3D figures in industrial drawings.	

S.No.	Roll No.	Name of the Students	100	01	cc	02	cc)3	. cc	04	cc	Internal Marks	
S				10	1		10		10	0	1	0	50
1	1022240004			Scale		Scale	Marks	Scale	Marks	Scale	Marks	Scale	TOTAL S
	1822240001	AAKASH	10	9	10	9	10	8	10	8	10	8	40
2	1822240002	ABHIMANYU RAJPUT	10	0	10	0	10	0	10	0	10	0	0
3	1822240003	ABHISHEK PAL	10	5	10	5	10	5	10	5	10	5	25
4	1822240004	ALOK KUMAR	10	9	10	8	10	7	10	8	10	8	41
5	1822240005	ANURAG SINGH	10	9	10	8	10	8	10	7	10	7	39
6	1822240006	ASHIRVAD PAL	10	9	10	9	10	8	10	8	10	8	42
7	1822240007	ASHUTOSH YADAV	10	9	10	9	10	9	10	8	10	8	43
8	1822240009	BHUVAN KUMAR LODHI	10	8	10	8	10	8	10	7	10	7	38
9	1822240010	CHANDAN SHARMA	10	9	10	9	10	8	10	7	10	7	40
10	1822240011	HARSH CHAURASIA	10	5	10	5	10	5	10	5	10	5	25
11	1822240012	JAIBEER	10	9	10	8	10	8	10	7	10	7	39
12	1822240013	JUNED KHAN	10	8	10	8	10	8	10	7	10	7	38
13	1822240014	KARN RAJPUT	10	0	10	0	10	0	10	0	10	0	0
14	1822240015	KRISHNA KUMAR JAISWAL	10	5	10	6	10	6	10	6	10	6	29
15	1822240016	KRITESH MISHRA	10	9	10	9	10	8	10	7	10	7	40
16	1822240017	LAKSHAY YADAV	10	0	10	0	10	0	10	0	10	0	0
17	1822240018	MANZAR IQBAL	10	0	10	0	10	0	10	0	10	0	0
18	1822240019	MAYANK TOMAR	10	4	10	4	10	4	10	4	10	4	20
19	1822240020	MD NAWAZ KARIM KHAN	10	9	10	9	10	8	10	8	10	7	41
20	The state of the s	MOHAMMAD ARIZ	10	9	10	9	10	8	10	8	10	8	42
21	1822240022	MOHD AMMAR KHAN	10	9	10	9	10	9	10	9	10	9	45
22	1822240023	MOHD WASEEM	10	9	10	9	10	8	10	7	10	7	40
23	1822240024	MUNISH SINGH	10	8	10	8	10	8	10	7	10	7	38
24	1822240025	NIDHI SHARMA	10	8	10	8	10	8	10	8	10	8	40
25		PRADUMAN KUMAR	10	9	10	9	10	9	10	9	10	9	
26	Control of the Contro	PRASOON SINGH	10	8	10	8	10	8	10	7	10		45
27		PRIYANSHU GUPTA	10	0	10	0	10	0	10	0		8	39
28		PRIYANSHU PAL	10	0	10	0	10	0	10	0	10	0	0
29		RAJKUMAR SHUKLA	10	8	10	8	10	8	7.5		77,7501	0	0
30	No. 10 a N. Contraction of the C	HIVENDRA KUMAR SINGH	bre	and the second second	10	8		38	10	8	10	8	40

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31	1822240033	SOHAIB AHMAD	10	0	10	0	10	0	10	10	10		
32	1822240035	SUHAIL SAIFI	10	5	10	5	10	5	10000	0	10	0	0
33	1822240036		10	8	10	8	10		10	5	10	5	25
34	1822240037	UBAID ZAHOOR AHANGER	10	0	10	0	10	8	10	8	10	9	41
35	1822240038	VINIT YADAV	10	8	10	8	10	0	10	0	10	0	0
36	1822240039	VIPIN KUMAR	10	8	10	8	0.550	8	10	8	10	7	39
37	1822240040	VIPIN M.S	10	0	10		10	8	10	8	10	8	40
38	1822240041	YASH BHARDWAJ	10	4	10	0	10	0	10	0	10	0	0
39	1822240042	Aniket Kumar	10	8	C3.711	4	10	4	10	4	10	4	20
40		Jayant Singh Rajput	10	8	10	8	10	8	10	8	10	8	40
41	1822240044	Sachin Singh			10	8	10	8	10	8	10	8	40
42	1822240045	Tushar Pal	10	0	10	0	10	0	10	0	10	0	0
-	1022240043	Tustial Pal	10	8	10	8	10	8	10	8	10	8	40

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ITS ENGINEERING COLLEGE, GREATER NOIDA

SMC Value Added Course Record (Internal Trainings) 2021-22 12 13 11 Training Certificat Certificat Total Attendan Complete Classes Classes Training Start on Status Trainee Name ce Department SEM Training Name Hours of (Internal/ Date **End Date** Held Attended Successfu (Y/N) Training External) Ily (Y/N) Internal Y 05/09/2022 AAKASH 38 78,95 09/12/2021 5th & 6th SMC Training 38 Yes ME internal 84.21 09/12/2021 05/09/2022 ABHIMANYU RAJPUT 38 32 SMC Training 38 5th & 6th Yes ME 38 32 84.21 Internal 09/12/2021 05/09/2022 ABHISHEK PAL 38 5th & 6th SMC Training Yes ME ٧ 38 28 73.68 09/12/2021 05/09/2022 ALOK KUMAR 5th & 6th Yes MF Internal 38 26 68.47 05/09/2022 ANURAG SINGH 38 09/12/2021 5th & 6th SMC Training Yes ME Internal 38 34 89.47 09/12/2021 05/09/2022 ASHIRVAD PAL 5th & 6th **SMC Training** Yes ME Internal 38 34 89.47 09/12/2021 05/09/2022 ASHUTOSH YADAV 38 5th & 6th SMC Training Yes ME Internal 36 94.74 09/12/2021 05/09/2022 BHUVAN KUMAR LODHI 5th & 6th **SMC Training** Yes ME Internal 05/09/2022 CHANDAN SHARMA 89,47 38 34 38 5th & 6th SMC Training Yes ME 84.21 Internal 05/09/2022 HARSH CHAURASIA SMC Training 38 09/12/2021 Yes ME Y 84.21 09/12/2021 05/09/2022 JAIBEER 38 32 SMC Training 5th & 6th Yes 11 internal 38 28 73.68 05/09/2022 JUNED KHAN 09/12/2021 SMC Training 38 12 ME Internal 26 68,42 09/12/2021 38 05/09/2022 KARN RAJPUT **SMC Training** 5th & 6th Yes 13 05/09/2022 KRISHNA KUMAR Y Internal 09/12/2021 38 34 89.47 38 SMC Training Yes 5th & 6th 14 ME ٧ 89.47 internal 38 09/12/2021 05/09/2022 KRITESH MISHRA SMC Training 5th & 6th Yes 15 ME 94.74 05/09/2022 LAKSHAY YADAV 38 36 09/12/2021 38 5th & 6th SMC Training Yes ME 16 internal 05/09/2022 MANZAR IQBAL 34 89.47 38 09/12/2021 5th & 6th ME internal 28 73.68 38 05/09/2022 MAYANK TOMAR SMC Training 5th & 6th Yes 05/09/2022 MD NAWAZ KARIM ME 18 Internal 38 26 68.42 09/12/2021 5th & 6th SMC Training 38 Yes 15 ME Y 34 89.47 Internal 05/09/2022 MOHAMMAD ARIZ 09/12/2021 38 SMC Training Yes 5th & 6th 20 ME Internal Y 89,47 05/09/2022 MOHD AMMAR KHAN 34 38 38 09/12/2021 SMC Training Yes 5th & 6th 21 ME Internal 05/09/2022 MOHD WASEEM 38 36 94.74 5th & 6th SMC Training 38 09/12/2021 ME Y 05/09/2022 MUNISH SINGH 34 89.47 Internal 38 38 5th & 6th SMC Training Yes 23 MÉ Internal 34 89.47 05/09/2022 38 09/12/2021 Yes 5th & 6th NIDHI SHARMA ME 24 36 94.74 Internal Y 05/09/2022 PRADUMAN KUMAR 38 38 09/12/2021 5th & 6th SMC Training Yes ME 25 Interna 89.47 38 34 05/09/2022 38 09/12/2021 Yes 5th & 6th SMC Training PRASOON SINGH ME 73.68 Internal 38 09/12/2021 05/09/2022 PRIYANSHU GUPTA Yes **SMC Training** 5th & 6th ME 27 Y 68.42 Internal 26 09/12/2021 05/09/2022 PRIYANSHU PAL 38 SMC Training 38 Yes 5th & 6th ME Internal 89.47 34 09/12/2021 05/09/2022 SMC Training 38 Yes 5th & 6th RAIKUMAR SHUKLA ME 29 SHIVENDRA KUMAR Internal Y 89.47 38 34 09/12/2021 38 5th & 6th SMC Training Yes SINGH ME 30 Y Interna 05/09/2022 SOHAIB AHMAD 38 36 94.74 09/12/2021 SMC Training 38 5th & 6th ME 31 ٧ Internal 34 89.47 38 38 09/12/2021 SMC Training Yes 5th & 6th 3 ME 38 34 89.47 05/09/2022 SURAJ VISHVAKARMA SMC Training 38 09/12/2021 Yes 5th & 6th 3 ME Y 28 73.68 Internal 38 05/09/2022 UBAID ZAHOOR AHANGE 5th & 6th 38 Yes **SMC Training** ME 34 Y Internal 26 68.42 38 09/12/2021 05/09/2022 Yes 5th & 6th VINIT YADAV ME 35 89.47 internal 38 38 09/12/2021 05/09/2022 VIPIN KUMAR Yes 5th & 6th **SMC Training** ME 89.47 05/09/2022 VIPIN M.S 38 34 SMC Training 38 09/12/2021 Yes 5th & 6th TAE internal 36 94.74 09/12/2021 05/09/2022 YASH BHARDWAJ SMC Training 5th & 6th ME 38 Internal 34 05/09/2022 Aniket Kumar 09/12/2021 38 38 Yes SMC Training 39 ME Internal 38 78.95 05/09/2022 Jayant Singh Rajput 09/12/2021 Yes SMC Training 30 5th & 6th Internal 38 63.16 09/12/2021 05/09/2022 Sachin Singh Yes 24 5th & 6th SMC Training 41 ME SMC Training DIJEC 04/12/2021 05/09/2022 Tushar Pal

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Plan for "SMC Pneumatic" COE Sessions for Academic Year 2021-22

The training Program for "SMC Pneumatics" will be conducted in 2 sessions for 3rd year mechanical engineering students. First, training will be provided on pneumatic technology and after that training on electro-pneumatic technology will be provided. For pneumatic technology, training will be provided in Sept- Dec session and for electro-pneumatic technology training will be provided in Jan- April session.

Training Program for Pneumatic Technology:

The training program on pneumatic technology will be conducted in odd semester for all 5th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of pneumatic systems and their components will be imparted and hand on practice on pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Pneumatic Technology

Topics:

Introduction of Pneumatics: Needs and Applications

The Basic Pneumatic Systems & Compressed Air Theory: Air production System, air consuming system, properties of gas, air humidity, relative humidity, pressure and flow.

Air Compression and Distribution: Compressors, types of compressors, compressor accessories, air receiver, air dehydration, air dryers, air distribution, automatic drains.

Filters and Regulators: Micro filters, main line filters, filter selection, filtering level, pressure regulation, filter regulators, pilot operated regulators, sizing of regulators and filters.

Actuators: Linear cylinders, Single acting cylinders, double acting cylinders, cylinder construction, special cylinder, cylinder sizing, cylinder force, Rotary actuators, sizing rotary operation, locking cylinders, rodless cylinders, air chucks.

Directional Control Valves: Valve functioning, port indication, monostable and bistable, valve types, valve operations.

5/2 Valves: Valves nomenclature, ISO symbol, valve operation, monostable, bistable and memory valve, valves mounting.

Auxiliary Valves: Non-returning valves flow control valves, quick exhaust valves, shuttle valves, two pressure valves, air timer, ISO symbols, valves operation, and valves mounting.

ITS Engineering College Greater Noida Head of **Department** MISCHAMICAL ENGINEERING

ITS ENGINEERING COLLEGE, GREATER NOIDA	Value Added Course Record (Internal Trainings)

17	Placement Date										Track Track						
16	Monthly Salary (INR)													WALL STORY	The second second		
15	Company Name and Contact Salary (INR)												A STATE OF THE PARTY OF THE PAR	And the second s			
14	Contact number of Trainee																
13	(Internal) Status External) (Y/N)																1
12	Certificate (Internal/ External)							7									
	Training Completed Successfully (Y/N)	Yes	No														
111	Attendance %age	78.69	75.41	75.41	78.69	77.05	75.41	81.97	77.05	6.56							
10	Classes Attended	48	46	46	48	47	46	50	47	4							
5	Classes Held	61	61	61	61	61	19	61	61	61							THE REAL PROPERTY.
80	Trainee Name	Abhishek Sharma	Adarsh Kumar Mishra	Deepanjan	Konika Thakur	Md Aamir Raza	Rakesh Kumar Chauhan	Shlabh Kumar Kapil	SURAJ KUMAR	ABDUL HASIB							
7	Training End Date	13-06-2022	13-06-2022	13-06-2022	13-06-2022	13-06-2022	13-06-2022	13-06-2022	13-06-2022	13-06-2022							
9	Total Hours of Training Start Training End Training End Training End	14-09-2021	14-09-2021	14-09-2021	14-09-2021	14-09-2021	14-09-2021	14-09-2021	14-09-2021	14-09-2021							
9	Total Hours of Training	61	61	61	19	61	61	61	- 61	61							The state of the
4	Training Name	CAD Training (AutoCAD)				The second secon		CASE OF THE PERSON NAMED IN									
8	SEM	3rd & 4th															
2	S.No. Department	ME					The state of	The second second									
1	S.No.	1	2	3	4	10	10	7	00	Ġ							

Director
TS Engineering College
Greater Noida

Session Plan: COE Pneumatic Lab

	Session Plan: COE Pneumatic Lab Academic Session: 2021-22						
Course/ Program year/Semester: B.Tech/ Third Year/ 5th							
S.NO	TOPICS						
1	Introduction of Pneumatics: Needs and Applications						
2	The Basic Pneumatic Systems & Compressed Air Theory						
3	Filters and Regulators, Actuators						
4	Directional Control Valves						
5	5/2 Valves						
6	Auxiliary Valves						
7	Exercise 1: Working of single acting cylinder						
8	Exercise 2: Working of single acting cylinder Using 3/2 NO valve						
9	Exercise 3: Working of double acting cylinder using 5/2 Valve						
10	Exercise 4: Working of 5/2 PB valve						
11	Exercise 5: Opening of gate using two safety switches						
12	Exercise 6: Working of double acting cylinder using quick exhaust valve						
	Mend of Department House Coll of College Property						

Director

ITS Engineering College Greater Noida

Director Fagineering College

Training Program for Electro-Pneumatic Technology:

The training program on electro-pneumatic technology will be conducted in even semester for all 6th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan prepared for electro-pneumatic technology. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of electro-pneumatic systems and their components will be provided and hand on practice on electro-pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Electro-Pneumatic Technology

Topics:

Introduction of Electro-Pneumatics: Economical and technical aspect of electro-pneumatic systems, needs and applications, Consequences of hybrid system.

Basic electrical theory: Atom, direct current accumulators, generators, elementary circuit, Ohm's law, series connection, parallel connection, magnetism, transformers.

Magnetic cylinder switches: Principle, mounting methods, troubleshooting, switch assemblies, selection of assemblies.

Solenoid Valves: Operation, skinner principle, power valves, pilot operation, reliability of valves.

Relay and sensors: Principle, relay function, Plug in relay types, special function relay, proximity sensors, optical, retroreflective, reflective, inductive, capacitive type sensors.

Electric timers: Construction, application, ISO symbol, mounting and application.

Electro-pneumatic Circuits: Circuit design, diagram layout, basic circuits, Multiplying contact, The holding circuit, Contact Inversion, Timing circuit, Flashing Lamp, Pulse, Variable repeating movement.

Safety in Automation: Compressed air safety, electric current safety, effect of electric current on humans, safety measures.

Session Plan: COE Electro-Pneumatic Lab

	MECHANICAL ENGINEERING DEPARTMENT						
	Session Plan: COE Electro-Pneumatic Lab						
Academic Session: 2021-22							
Course/ Program year/Semester: B.Tech/ Third Year/ 6th							
S.NO	TOPICS						
1	Introduction: Economical and technical aspect of electro-pneumatic systems						
2	Basic electrical theory						
3	Magnetic cylinder switches						
4	Solenoid valves						
5	Relay, Sensors						
6	Electric timers						
7	Electro-pneumatic circuits						
8	Electro-pneumatic circuits: Multiplying contact						
9	Electro-pneumatic circuits: Holding circuit						
10	Electro-pneumatic circuits: Contact inversion						
11	Electro-pneumatic circuits: Timing circuit						
12	Electro-pneumatic circuits: Flashing lamp						

TS Engineering College
Greater Noice

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ITS ENGINEERING COLLEGE, GREATER NOIDA

SMC Value Added Course Record (Internal Trainings) 2022-23

1	2	3	4	5	- 6	7	8	9	10	11		12	13
S.No.	Department	SEM	Training Name	Total Hours of Training	Training Start Date	Training End Date	Trainee Name	Classes Held	Classes Attended	Attendanc e %age	Training Complete d Successful ly (Y/N)	Certificate (Internal/ External)	September 1999
1	ME	5th & 6th	SMC Training	42	14-09-2022	13-05-2023	Abhishek Sharma	42	34	80.95	Yes	Internal	Y
2	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Adarsh Kumar Mishra	42	32	76.19	Yes	Internal	Y
3	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Deepanjan	42	34	80.95	Yes	Internal	γ
4	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Konika Thakur	42	30	71.43	Yes	Internal	Y
5	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Md Aamir Raza	42	26	61.90	Yes	Internal	Υ
6	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Rakesh Kumar Chauhan	42	28	66.67	Yes	Internal	Y
7	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	Shlabh Kumar Kapil	42	32	76.19	Yes	Internal	Y
8	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	SURAJ KUMAR	42	30	71.43	Yes	Internal	γ
9	ME	5th & 6th	SMC Training	42	14-09-2021	13-06-2022	ABDUL HASIB	42	30	71.43	Yes	Internal	Υ

Head of Department

Head of Department

MECHAPIICAL ENGINEERING

Director

Director

College

Greater Noida

Plan for "SMC Pneumatic" COE Sessions for Academic Year 2022-23

The training Program for "SMC Pneumatics" will be conducted in 2 sessions for 3rd year mechanical engineering students. First, training will be provided on pneumatic technology and after that training on electro-pneumatic technology will be provided. For pneumatic technology, training will be provided in Sept- Dec session and for electro-pneumatic technology training will be provided in Feb- April session.

Training Program for Pneumatic Technology:

The training program on pneumatic technology will be conducted in odd semester for all 5th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of pneumatic systems and their components will be imparted and hand on practice on pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Pneumatic Technology

Topics:

Introduction of Pneumatics: Needs and Applications

The Basic Pneumatic Systems & Compressed Air Theory: Air production System, air consuming system, properties of gas, air humidity, relative humidity, pressure and flow.

Air Compression and Distribution: Compressors, types of compressors, compressor accessories, air receiver, air dehydration, air dryers, air distribution, automatic drains.

Filters and Regulators: Micro filters, main line filters, filter selection, filtering level, pressure regulation, filter regulators, pilot operated regulators, sizing of regulators and filters.

Actuators: Linear cylinders, Single acting cylinders, double acting cylinders, cylinder construction, special cylinder, cylinder sizing, cylinder force, Rotary actuators, sizing rotary operation, locking cylinders, rodless cylinders, air chucks.

Directional Control Valves: Valve functioning, port indication, monostable and bistable, valve types, valve operations.

5/2 Valves: Valves nomenclature, ISO symbol, valve operation, monostable, bistable and memory valve, valves mounting.

Auxiliary Valves: Non-returning valves flow control valves, quick exhaust valves, shuttle valves, two pressure valves, air timer, ISO symbols, valves operation, and valves mounting.

TS Engineering College
Greater Noide

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Session Plan: COE Pneumatic Lab

	Session Plan: COE Pneumatic Lab Academic Session: 2022-23							
	Course/ Program year/Semester: B.Tech/ Third Year/ 5th							
S.NO	TOPICS							
1	Introduction of Pneumatics: Needs and Applications							
2	The Basic Pneumatic Systems & Compressed Air Theory							
3	Filters and Regulators, Actuators							
4	Directional Control Valves							
5	5/2 Valves							
6	Auxiliary Valves							
7	Exercise 1: Working of single acting cylinder							
8	Exercise 2: Working of single acting cylinder Using 3/2 NO valve							
9	Exercise 3: Working of double acting cylinder using 5/2 Valve							
10	Exercise 4: Working of 5/2 PB valve							
11	Exercise 5: Opening of gate using two safety switches							
12	Exercise 6: Working of double acting cylinder using quick exhaust valve							

Head of Department
MECHANICAL ENGINEERING

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ITS Engineering College Greater Noida

Training Program for Electro-Pneumatic Technology:

The training program on electro-pneumatic technology will be conducted in even semester for all 6th semester mechanical engineering students. The training will be provided according to the syllabus and lecture plan prepared for electro-pneumatic technology. Around 12 sessions will be conducted having 2 hours/session. The detailed knowledge of electro-pneumatic systems and their components will be provided and hand on practice on electro-pneumatic circuits will be performed by the students.

Time duration needed: 24 hours

Syllabus: Electro-Pneumatic Technology

Topics:

Introduction of Electro-Pneumatics: Economical and technical aspect of electro-pneumatic systems, needs and applications, Consequences of hybrid system.

Basic electrical theory: Atom, direct current accumulators, generators, elementary circuit, Ohm's law, series connection, parallel connection, magnetism, transformers.

Magnetic cylinder switches: Principle, mounting methods, troubleshooting, switch assemblies, selection of assemblies.

Solenoid Valves: Operation, skinner principle, power valves, pilot operation, reliability of valves.

Relay and sensors: Principle, relay function, Plug in relay types, special function relay, proximity sensors, optical, retroreflective, reflective, inductive, capacitive type sensors.

Electric timers: Construction, application, ISO symbol, mounting and application.

Electro-pneumatic Circuits: Circuit design, diagram layout, basic circuits, Multiplying contact, The holding circuit, Contact Inversion, Timing circuit, Flashing Lamp, Pulse, Variable repeating movement.

Safety in Automation: Compressed air safety, electric current safety, effect of electric current on humans, safety measures.

Session Plan: COE Electro-Pneumatic Lab

	MECHANICAL ENGINEERING DEPARTMENT Session Plan: COE Electro-Pneumatic Lab								
	Academic Session: 2022-23								
Course/ Program year/Semester: B.Tech/ Third Year/ 6th									
S.NO	TOPICS								
1	Introduction: Economical and technical aspect of electro-pneumatic systems								
2	Basic electrical theory								
3	Magnetic cylinder switches								
4	Solenoid valves								
5	Relay, Sensors								
6	Electric timers								
7	Electro-pneumatic circuits								
8	Electro-pneumatic circuits: Multiplying contact								
9	Electro-pneumatic circuits: Holding circuit								
10	Electro-pneumatic circuits: Contact inversion								
11	Electro-pneumatic circuits: Timing circuit								
12	Electro-pneumatic circuits: Flashing lamp								

TTS Engineering College Greater Noida

Head of Department MEXCHANGEAL ENGINEERING



I.T.S ENGINEERING COLLEGE GREATER NOIDA

(A NAAC Accredited Engineering College)

Department of Training and Placement-CRC

TrainingReport

NameofEvent: TrainingProgram on: OOPS with C++ Programming

Duration: 90hrs (11 Days 5.30 hrs each day)

Dateof Event: 19 Feb 2024 to 9 March 2024

Timing: 9:30am to 12:30pm and 1:30pm to 4:00 pm

Students Enrolled=255 (42(AIML) 188 (CSE), 25 ECE)

OrganizedbyCRC Department with RCPL

Speaker: Mr. Rajeev Kumar Gupta, Mr. AnoopKumar Verma, Ms. Suruchi, Mr. Damodar Swami

Objective: The training objective of Object-Oriented Programming (OOP) with C++ typically revolves around equipping participants with a comprehensive understanding of the principles and practices of object-oriented programming using the C++ programming language.

ContentDelivered:

OOPS with C++ Programming (90 Hrs) UNIT Duration **SUB TOPIC** TOPIC No. 4 C++ Basics 1 Programming language **OOPS Programming Language** Features of OOPS Language Introduction of C++ Structure of C++ Program Compilation and Execution of Program Variables, Data Types and 2 2 Operators

Dated: 15 March, 2023

INTER OFFICE NOTE

To

The Secretary, ITS Engineering College The Director, ITS Engineering College

From

The training program "OOPS with C++" for B. Tech 3rd students is conducted by trainers of Ritusha Consultants Pvt. Ltd from 19 February 2024 to 9 March 2024, the training was from 9.30 am to 12:30 pm (Morning shift) and 1.30 pm-4.30 pm (Evening Shift) for 15 days. The training is completed successfully; the summary of attendance is enclosed herewith.

You are requested to allow the payments to the trainers. The invoices are enclosed.

Mayank Garg

		the state of the s		ils for ITS G.Noida Tra Bank Name	Bank Address	Amount	Pan Number
ir. No.	Account Holder Name	Account Number	IFSC Code			52,500.00	ADBPV1691
1	Nilesh Kumar Verma	57024992857	SBIN0070606	State Bank of India	Nadri Bazar, Kanpur		AFYPR6153E
(/) 1000y cold 14	Ram Pal Singh Rathore	67168524754	SBIN0070606	State Bank of India	Nadri Bazar, Kanpur	31,500.00	
			SBIN0070606	State Bank of India	Nadri Bazar, Kanpur	52,500.00	
3	Jeetendra Singh	67097037350		State Bank of India	Nadri Bazar, Kanpur	42,000.00	AJLPJ3678B
4	Amit Jaiswal	67130171720	SBIN0070606		Nadri Bazar, Kanpur	126,000.00	AOLPG04970
× 5	Rajeev Kumar Gupta	67096633660	SBIN0070606	State Bank of India		31,500.00	CCAPK55351
	Anoop Verma	67096394187	SBIN0070606	State Bank of India	Nadri Bazar, Kanpur		,
		39656396101	SBIN0006703	State Bank of India	Sujangarh, Churu, Rajasthan	42,000.00	
	Damodar Swami			HDFC Bank	Motihari	42,000.00	EBRPK74491
× 8	Suruchi Kumari	50100330681110	HDFC0001650		Kanpur Rambagh	52,500.00	BXZPS46021
	Arpit Saxena	054601510182	ICIC0007410	ICICI			
	Li bir concis	1	,		Total	472,500.00	

	H feet & Nation
	Details (ITS G. Noida).
Training Module - O	OPS with C++ Programming
Training Days	- => 15 days.
No. of Batch	- 3 Batches
Rate -@R	s. 10500/Day per Batch
Training Amount	- 3*15*10500 =Rs. 4,72,500/-
Start Date	- 19 Feb. 2024
End Date	- 09 Mar. 2024
Target Audience	- CSE, ECE, and EE 3rd Year

Jayano 15/03/24

Nilosh Kumar Verma Address: 128/161, Y-Block, Kidwai Nagar, Kanpur-208011	Involc	e No. 23-24/014
Mobile No.: 9335083994 Par No. ADBPV1691E		INVOICE
Customer	i Misc	
Name ITS Engineering College Address 46, Knowledge Park 3, City Greater Noida-201301.	Dale	05-Mar-24
Sr.No. Description	Qty Unit Pri	e TOTAL
	300 a 10 a	
1 Training Charges for OOPS with C++ Programming Training	h	INR 52,500.00
20 0 3/24		
Amount in words: Rs. Fifty Two Thousand Five Hundred Only.	Sub	Tolal JNR 52,500.00
Bank Details Account Name: Nilesh Kumar Verma Bank Name: State Bank of India Account Number: 57024992857 IFSC Code: SBIN0070606 Branch: Nadri Bazar, Swaroop Nagar, Kanpur	το	TAL INR 52,500.00
ally ou for	Nie	Sh Kumar Verma
Mr. bestword	layano 15/03/24	

Invoice No. 23-24/013 Anoop Verma Address: 675 Ayodhya Puri, Nirala Nagar, Raebareli-229001 Mobile No.: 9453020048 INVOICE Pan No. CCAPK5535N Customer Misc Name ITS Engineering College Date Address 46, Knowledge Park 3, Greater Noida-201301. City No. of Sr.No. Students Description Unit Price TOTAL 1. Training Charges for OOPS with C++ Programming Training INR 31,500.00 PPROVED M ZOH Amount SubTotal INR 31,500.00 in words: Rs. Thirty One Thousand Five Hundred Only. Bank Details Account Name: Anoop Verma TOTAL INR 31,500.00 Bank Name: State Bank of India Account Number: 67096394187 IFSC Code: SBIN0070606 Branch: Nadri Bazar, Swaroop Nagar, Kanpur Anoop Verna

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ank Details ccount Name: Jeetendra Singh ank Name: State Bank of India ccount Number: 67097037350 SC Code: SBIN0070606 ranch: Nadri Bazar, Swaroop Nagar, Kanpur		TOTAĻ	INR 52,500.00
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Arpit Saxena Address: 106/179, Gandhi Nagar, R.K. Nagar, Kanpur-208012.		Invoice No. 23-24/007				
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Customer	Misc					
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Sr.No. Description	Month/Days	Init Price TOTAL				
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			Date	19-F	2b	20-	Feb	21-	eb	22-	eb	23-	Feb	::6-	Feb	27-	eb	23-	Feb	29-	Feb	01.	Mar	04-1	Vlar	05-	Vlar	06-1	/lar	07-1	iar	09-1	vlar
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2		В	64	51	53	49	52	51	47	51	50	50	52	-18	48	47	48	54	52	51	47	52:	50	49	48	44	44	45	45	45	45	41	41
3		С	61	55	53	50	54	50	50	53	54	45	44	::0	53	52	49	53	55	53	45	5()	45	50	44	47	47	45	47	38	38	34	34
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	Total		255	202	204	201	207	205	204	209	208	197	194	1:17	197	202	200	210	211	210	196	20.	192	201	195	192	192	189	191	184	184	170	163

Feedback of OOPS with C++ Training

Feedback on 19 Febru	uary 24 c	of OOFS with	C++
Total Responded	113	%	Remark
Excellent (40 to 3:-))	36	31 85841	
Good (32 to 25)	40	35 39823	
Average (24 to 17	25	22 12389	
Below Average (16 to 9)	6	5.309735	
Poor(1 to 8)	6	5.209735	

Feedback on 23 Febr	иагу 24 о	f OOF'S with	C++
Total Responded	141	%	Remark
Excellent (40 to 3:.))	49	43 36283	
Good (32 to 25)	60	53 09735	
Average (24 to 17	29 🔊	25 66372	
Below Average (16 to 9)	2	1.769912	
Poor(1 to 8)	1	0.884956	0 000 0000

Feedback on 3 Marc	ch 24 of 00	PS with C	+
Total Responded	63	%	Remark
Excellent (40 to 33))	22	19.47	
Good (32 to 25)	23	20.35	ranger and
Average (24 to 17	13	11.5	
Below Average (16 to 9)	4	3.54	
Poar(1 to 8)	1	0.88	

Feedback on 5 Mar	ch 24 of O	OPS with C	++
Total Responded	155	%	Remark
Excellent (40 to 35)	53	46.9	
Good (32 to 25)	62	54.87	
Average (24 to 17	30	26.55	N I
Below Average (16 to 9)	7	6.19	i mentida
Poor(1 to 8)	3	2.65	NATIONAL DESCRIPTION OF THE PROPERTY OF THE PR

Feedback on 9 Marcl	24 of O	OPS with C	1 i
Total Responded	111	%	Remark
Excellent (40 to 31-))	39	34.51	
Good (32 to 25)	43	38.05	
Average (24 to 17	26	23.01	
Below Average (16 to 9)	3	2.65	Si ne vinitali van
Poor(1 to 8)	0	0	

layan 15/03/24



I.T.S Engineering College

46 KNOWLEDGE PARK III GREATER NOIDA UTTAB DRABEGU-2012015 PHONE: 0126-2531000 | FAX: 0120-2331037 EMAIL: ENGC.GN@ITS.EDU.IN | WEBSITE: WWW.ITSENGG.EDU.IN

Dated: 19th December, 2023

INTER OFFICE NOTE

To

The Secretary, ITS Engineering College

From

The Director, ITS Engineering College

Subject: Conducting Coding training by outside agency for placements by Rituusha Consultants Pvt. (RCPL) for B.ech- 2nd Year and 3rd Year students.

This is in continuation of previous year training program; we want to conduct the training the program to train the students of B. Tech 1st, 2nd & 3rd Years for professional programming skills for the session 2023-24. The program name for II Year will be "Competitive Programming" and for III Year will be "Advance Competitive Programming".

Trainer remuneration: Rs 10,500 per batch + 18% GST* (Old negotiated Charges). Payment Mode: RTGS (If paid to individual Trainers, No GST will be charged)

Plan for professional programming skills for I to III Year Students.

Ħ	Training Module	Hours	Pre-requisites	Batch 2023-27	Batch 2022-26	Batch 2021-25
1	Adv. C Programming	60 Hours	Basic . Programming	Between II & III Sem	III Sem	Done
2	OOPS with C++ Programming	90 Hours	C Prog.	III Sem	IV Sem	VI Sem
3	DSA with C	60 Hours	C-Prog.	IV Sem	V Sem	Included with Module 4
4	DSA with C/C++	90 Hours	C/C++	V Sem	VI Sem	After VI Sem (120 Hrs)
5	PSA with DSA	90 Hours	DSA with C/C++	VI Sem	After VI Sem	Time constraint
6	Aptitude & Reasoning	60 Hours		After VI Sem	After VI Sem	After VI Sem
6	PPP - Placement Preparatory Program	130 Hours	C.C++.DSA.SOI	Time constraint		-1

Note: Aptitude & Reasoning Training will be conducted by separate agency.

Attendance to be provided by Head of the Department to CRC.

Time can be extended as per the student's feedback and requirements.

Requesting you to kindly approve, so that the process could be streamlined as per our current requirement.

Dr. Mayank Garg

Director

Estimanted * Loted and sed endo 8 ed

Budget for Training for II & III Year Students for the session

	Training Module	Hours	Pre-requisites	Batch 20:23-27	No. of Batches		No. of Barches	Batch 2021-25	No. of Batches	No. of Days	Cost (BxDxRate)
20.00				D 1 1 P III		III Sem (4)	4	Done		11	462000
1	Adv. C Programming	60 Hours	Basic Programming	Refingen i or in		IV Sem (4)	4	VI Sem (3)	(30)	, 15	1102500
1	OOPS with C+	90 Hours	C Prog.	III Sem		In Selli (4)		included with			
		60 Hours	C Prog.	IV Sem		'/ Sem		Module -4			
3	DSA with C	<u> </u>				√l Sem		After VI Sern	3	20	630000
Δ	DSA with C/C++	120 Hours	C/C++	V Sem			 	Time constraint		1	
	PSA with DSA	90 Hours	DSA with C/C++	VI Sem		After VI Sem	<u> </u>		2	8	(1440)00
5	The second secon			After VI Sem		After VI Sem		After VI Sem (3)		J	2338500
6	Aptitude & Fleasoning	60 Fours	<u> </u>	price i i out		Total Estima	atec Cost	for the Year 2023-2	4		2558:300



ITS Placement < crc itsecgn@its.edu.in>

Skill Bout - Attendance Sheet_ Placed / Unplaced Details: Commencement of Phase 3 training for Unplaced students.

1 message

Shalini Khatri <shalini.khatri@its.edu.in> To: Roshan K S <roshan@skillbout.com>

Fri, Jan 21, 2022 at 11:39 AM

Cc: BK Arora

 Ashish Kumar" <hod.cse@its.edu.in>, Director Engg <dir.engg@its.edu.in>, "Dr. Ashish Kumar" <hod.cse@its.edu.in>, "Prof.Monika Jain" <hod.ece@its.edu.in>, "Mr. Abhishek Shivhare" <abhishekshivhare@its.edu.in>, "Dr. Sandeep Kumar" <sandeepkumarjp@its.edu.in>, Prabhakar Sharma <prabhakarsharma@its.edu.in>, Navneet Kumar <navneetchaudhary@its.edu.in>, ITS Placement <crc_itsecgn@its.edu.in>

Dear Roshan Sir,

As discussed with you on call, please find enclosed the summary of Phase 1 and Phase 2 attendance that was conducted

As discussed, we are looking forward to initiating Phase 3 training that is the final phase of Training for our unplaced students w.e.f 1st February 2022 (Tuesday) virtually.

You are requested to kindly go through the data and provide the training to the unplaced students so that everyone gets placed by the end of February 2022.

- You are requested to kindly devote your attention towards the students who have dedicatedly attended your session but are still unplaced.

- We aim at closing all the offers for the unplaced students also at the earliest. Let's together contribute towards 100% offers to all the students.

- Also, you are requested to connect with the ones who have not attended your session and apprise us if they are really incrested to take up offers or not Rest formalities would be taken care by the respective department. We need to put all our attention to the ones interested.

At the same time you are requested to kindly share an invoice for 30% of your payment that needs to be made by the institute as 50% students who were enrolled for the training have been placed.

The Remaining 40% will be released post Phase 3 training.

For any query you may kindly reach back to us.

Best Wishes! Shalini Khatri **Head CRC**

> ITS Engineering College 46, Knowledge park-III, Greater Noida- 201310 Ph: 0120-2331000, 2331001

Connect with us:-



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https://mail.google.com/mail/u/0/?ik=b27468b2f9&view=pt&search=all&permthid=thread-f%3A1722543397685098716&simpl=msg-f%3A17225433976... 1/2

1/21/22, 11:41 AM

1.T.S The Education Group Mail - Skill Bout - Attendance Sheet_ Placed / Unplaced Details: Commencement of Phase 3 training ...

any review, retransmission, dissemination or other use of or taking of any action in reliance upon these materials, by persons or entities other than the intended recipient may be the subject of legal action.

Skill Bout - Attendance Sheet.xlsx 37K

Skill Bout Proposal for B.Tech (2022) Batch (Aptitude + Technical Training): Aptitude (Rs 800/-) & Technical(Rs 1700/-) exclusive of GST. Actual Cost per student (Rs 2500/-) + GST Point no. 6 (partially) & Point No. 7 (fully) covered Ref: T&P Budget [2.5+37] **Aptitude + Technical Training Consents and Cost Summary** Yes to training | No to training | Not responded | Scholarships | Training cost College's part Students' part CSE ECE Total Categories 107500 107500 0 100% 43 . 1 0 34 10 44 132500 50% 265000 132500 4 106 1 . 111 81 30 87500 65625 21875 35 0 1 25% 36 C 26 10 70000 .0 70000 39 0 11 0% 28 32 268125 530000 261875 **Grand Total:** 2 16 173 57 230 212 Total:

Further, the following conditions are also applicable to the students to avail scholarship for this Aptitude + Technical training:

If the category A students fail to maintain minimum 80% attendance, they will have to bear the complete training cost.

If the category B, C & D students maintain minimum 80% attendance, the institute would refund the training cost paid by the respective student.

Service Fee:

- "Skill Bout Professional services" shall be entitled to receive a total amount of: INR 2500 + GST(as per government rule) per
 Payment terms and condition
- The First 30 % of Billed will made before the start of the training
 Compact
- Next 40% of the Billed amount should be released by end of training
- The remaining 30 % of the amount should be released once 50 % of enrolled students gets will have at least 1 offer in the hand (either during on-campus or off-campus interview) \checkmark
- The consultant would contine giving training untill all registered get student get placed.
- The Consultant shall, at all times, comply with the applicable requirements of the Goods and Services Tax Act, 2017 as in force.
- In the event of any non-compliance of the provisions of Goods and Services Tax Act, 2017 by the Consultant, the Client hereby undertakes to indemnify Skill bout without limitation, for any loss of eligible input tax credit for non-payment and any penalties or fines incurred by Skill bout.

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Batch 1	4/1/2021	4/2/2021	4/3/2021	4/4/2021	4/5/2021	4/6/2021	4/7/2021	4/8/2021	4/9/2021	4/10/2021	4/11/2021	4/12/2021	4/13/2021	4/14/2021	4/15/2021
Time			1887		. 1										
Morning Batch - (9 AM = 12 PM)	С	c	С	c	, c	С	С	С	с	··c	c ·	с	С	c	С
Afternoon Batch -(1:30 PM - 4:30 PM)	Quant aptitude	Quant	Quant	Quant	Quant	Quant	Quant	`. Quant	Quant	Quant	Logical Reasoning	Logical Reasoning	Logical Reasoning	Logical Reasoning	Logical Reasoning

Batch 2	4/1/2021	4/2/2021	4/3/2021	4/4/2021	4/5/2021	4/6/2021	4/7/2021	4/8/2021	.4/9/2021	4/10/2021	4/11/2021	4/12/2021	4/13/2021	4/14/2021	4/15/202
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Morning Batch - (9 AM - 12 PM)	Quant aptitude	Quant	Quant	Logical Reasoning	Logical Reasoning	Logical Reasoning	Logical Reasoning	Logical Reasoning							
Afternoon Batch (1:30 PM - 4:30 PM)	с	С	c	C	С	С	С	c ,	с	С	C	c	С	c	с

Module	Number of session	Number of hour
C Programming(4:)	15	45 hours
Quantitative	10 🗸	30 hours
Logical	5 🗸	15 hours
Total	(30)	90 hours





7/5/2021	7/6/2021	7/7/2021	7/8/2021	7/9/2021	7/10/2021		7/12/2021	7/13/2021	7/14/2021	7/15/202
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Batch 2	7/5/2021	7/6/2021	7/7/2021	7/8/2021	7/9/2021	7/10/2021		7/12/2021	7/13/2021	7/14/2021	7/15/202
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Morning Batch	Verbal Ability	Verbal Ability		Verbal Ability	Verbal Ability	Verbal Ability	Sunday	Verbal Ability	Verbal Ability		ı
						DS	-	DS	DS	DS	DS

5 Module	Number of session	Number of hour
Data Structure	10	30 hours
Verbal Aptitude	10	30 hours
No. Total	20	60 hours



Batch 1	TBD	TBD	TBD	тво	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Time						lanca.		· · · · · · · · · · · · · · · · · · ·		, -	<u> </u>		
Morning Batch							n				Technical	Technical	Technical
(9 AM - 12 PM)	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	Prog Skill	interview	interview	Interview
		r ^e	.8								Company	Company	Company
Afternoon Batch - (1:30 PM - 4:30 PM)	Interview	Interview skills	Resume writing	GD	Communicatio n skills	Quantitative Aptitude	Quantitative Aptitude	Quantitative Aptitude	logical Reasoning	Logical reasoning	specific	specific	specific mo paper

Batch 2	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Batch 2	100												
Morning Batch - (9 AM - 12	Programmi ng Skill	Programmin g Skill	Programmin g Skill	Programm ing Skill	Programming Skill	Programming Skill	Programming Skill	Programming Skill	Programming Skill	Programming Skill	Technical Interview	Technical interview	Technical Interview
Afternoon Batch -(1:30 PM - 4:30 PM)	Interview	interview	Resume writing	Group Discussion	Communicatio	Quantitative Aptitude	Quantitative Aptitude	Quantitative Aptitude	logical Reasoning	Logical reasoning	Company specific model paper		Company specific mod paper

	Module	Number of session in Batch 1	Number of hrs for Batch 1	Number of session in Batch 2	Number of hrs for Batch 2
	Programming skills	13	39 hours		
Note: This 13 days of raining days Before day	Quantitative Aptitude	3	9 hours		
1 company	Logical Reasoning	2	6 hours		
	Soft-Skills	5	15 hours		
	Total:	23	78 hours		



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Reg No:5/86/CE/0094/2019

Date: 04-08-2022

Memorandum of Understanding & MUTUAL NON-DISCLOSURE AGREEMENT

This Memorandum of Understanding is made on this 04-08-2022 at Greater Noida. (Hereinafter referred to as the "Memorandum of Understanding")



Between Skill Bout Professional Services, Bangalore 560076 Reg No:5/86/CE/0094/2020

Skillbout Professional Services % Roshan Kumar, an entity having a Registration No.: 5/86/CE/0094/2020, PAN: EDHPK3984H, Address: No. 529 2nd Floor, 8th Main, 6th Stage, Op. SBI, BEML Layout, SBI Bank, Thubarahalli, Bengaluru, Karnataka - 560066, Phone No: +91-, of the other part or referred as "contractor", "consultant", "Vendor"

AND

"ITS Engineering College" is an educational institute incorporated in India and having a registered address at 46, Knowledge Park III, Greater Noida, Uttar Pradesh 201308 of one part or referred to as Client, Phone No: +91-9731445858 (Hereinafter collectively referred to as "the Parties")

Whereas it is understood and agreed to that the parties to this Agreement would each like to provide the other with certain information that may be considered confidential. To ensure the information and in consideration of the agreement to exchange said information, the parties agree as follows:

The confidential information to be disclosed under this Agreement ("Confidential Information")
can be described as and includes. Technical, business information, business processes
concepts and methodology relating to proprietary ideas, patentable ideas and/ or trade secrets,
exiting-and/or contemplated products and services, research and development, production,

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costs, profit and margin information, finances and financial projections, customers, clients, marketing, strategic networking, international linkages, business contacts and current or future business plans and models, regardless of whether such information is designated as "Confidential Information" at the time of its disclosure.

In addition to the above, Confidential Information shall also include, and the parties shall have a duty to protect other confidential and/ or sensitive information that is (a) disclosed as such in writing and marked as confidential (or with other similar designation) at the time of disclosure, and/ or

- (b) disclosed in any other manner and identified as confidential at the time of disclosure and is also summarized and designated as confidential in a written memorandum delivered within thirty (30) days of the disclosure.
- 2. The parties shall use the Confidential Information only to evaluate potential business, employment, and/ or investment relationships.
- 3. The parties shall limit disclosure of Confidential Information within its organization to its directors, officers, partners, members, and/ or employees having a need to know and shall not disclose Confidential Information to any third party (Whether an individual, corporation, or other entity) without prior written consent. The parties shall satisfy its obligations under this paragraph if it takes affirmative measures to ensure compliance with these confidentiality obligations by its employees, agents, consultants, and others who are permitted access to or use of the Confidential Information.
- 4. This agreement imposes no obligation upon the parties concerning any Confidential Information
 - a. that was possessed before receipt (b) os pr becomes a matter of public knowledge through no fault of the receiving party; (c) is rightfully received from a third party not owing a duty of confidentiality; (d) is disclosed without a duty of confidentiality to a third party by, or with the authorization of the disclosing part

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- 5. The parties warrant that they have the right to disclose this Agreement.
- 6. This Agreement shall not be constructed as creating, transferring, granting, or conferring upon either party any rights, license, or authority in or to the information exchanged, except the limited right to use Confidential Information specified in paragraph. Furthermore, and specified, no license or conveyance of any intellectual property rights is granted or implied by this Agreement.
- 7. Neither party has an obligation under this Agreement to purchase any service, goods, or intangibles from the other party. Furthermore, both parties acknowledge and agree that the exchange of information under this Agreement shall not commit or bind either party to any present or future contractual relationship (except as specifically stated herein), nor shall the exchange of information be constructed as an inducement to act or not to act in any given.
- 8. Neither party shall be liable to the other in any manner whatsoever for any decisions, obligations, costs or expenses incurred, changes in business practices, plans, organization, products, services, or otherwise, based on either party's decision to use or rely on any information exchanged under this Agreement.
- 9. If there is a branch or threatened breach of any provision of this Agreement, it is agreed and understood that the non-breaching party shall have no adequate remedy in money or other damages and accordingly shall be entitled to injunctive relief; provided, however, no specifications in this Agreement of any other remedies in the event of a breach or threatened breach of this Agreement.
- 10. This Agreement states the entire agreement between the parties concerning the disclosure of Confidential Information and supersedes manner any prior agreements, understandings, or representations with respect thereto. Any addition or modification to this Agreement must be made in writing and signed by authorized representatives to both parties. This Agreement is made under and shall be representatives of both parties. This Agreement is made under and shall be constructed according to the laws of India. If this agreement is breached, any disputes must be settled in a court of competent jurisdiction in Bangalore, India.

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- 11. If any of the provisions of this Agreement are found to be unenforceable, the remainder shall be enforced as fully as possible and the unenforceable provision(s) shall be deemed modified to the limited extent required to permit enforcement of the Agreement as a whole.
- 12. Any breach of the local law and relating consequences shall not be the responsibility of the client.

AGREEMENT SCOPE

1. TASKS, DUTIES AND SCOPE OF WORK

The client required the Services of the Consultant's Trainer for Training Delivery on "C language, Data structure Using C, Programming skills, Python for Mechanical & Electrical Students, General Aptitude and Soft, skills". The training is scheduled in 3 phases.

The First phase began on 23rd June 2022 to 14th July 2022 (18 days, 6hours/day = 108 hours + 1/2 day, 3 hours = Phase 1 Total = 111 hours)

The **Second Phase** started from 28th July till 14th August -2022 (12 days, 6hours/day) = **72 hours** (excluding holidays)

Phase III starting from 5th Sept – 13th Sept 2022 (8 days, 6hours/day) = 48 hour

Special training of Phyton Programming for Mechanical and Electrical Students will be conducted extra for 4 days (4daysx7hours = 28 hours).

The **Third Phase** will comprise of company specific training for unplaced students until they get places on request of the CRC when required, this will be apart from above mandatory training Skill bout will provide

Skill Bout shall be employed as an independent and shall provide training & materials including software and toolkits, presentations slides, specifications.

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- Responsibilities for Skill Bout
- a) Providing Trainer for All Batches:
 - i) Trainers would be available for all batches.
 - ii) Trainer would remain available & start the training delivery for every batch, without respect to number of Student Available
 - iii) Regular Task/Assignments/Practice would be given to students
 - iv) Technical Doubts & Queries would be handled.
 - v) Skill Bout is responsible to conduction Refresher training until all enrolled students get a job.
 - vi) Skill Bout will maintain the student attendance record of all the three phases.
- b) Duration:
 - i) Minimum 230 hours of Training would be completed by Trainers
 - ii) Per Day Per Batch: 6-8 Hours
- c) Reference Study Material including:
 - i) Open-Source Tools
 - ii) Presentation Slides
 - iii) eBooks
 - iv) Video Contents
- Responsibilities for ITS Engineering College:
 - a) Online Connectivity Training:
 - i) Tools/Accounts to be provided used for Online Training Delivery
 - ii) Maintaining Batches in Each Account
 - iii) Sharing Training Link with Students
 - b) Offline live Training:
 - i) Assign a coordinator for the training
 - ii) Provide Accommodation and Food for the Trainer
 - iii) Plan travel between Delhi airport and college

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c) Students Presence:

- i) Maintaining compulsory attendance for Students
- ii) Attendance Report should be created for each student
- iii) Maintaining an adequate number of students in Training
- iv) Communication with College & University for any updates

d) Service Fee:

- The payment is based on attendance of students which will be maintained by both T&P department as well as Skill Bout. Students failing to maintain less than 30% attendance will not be paid in Phase 1 or Phase 2 payment release.
- Such Students if attends any further training by Skill Bout and completes minimum 70
 % attendance criteria including previous attendance college will release their payment in phase 3 along with remaining payment.

Payment will now be made in 3 phases which are as follows:

- Phase I- payment @Rs1300/student with Rs 1105 once Phase 1 is over, to be paid within 10 days with 15% retention till 60% get placed subsequent to which the remaining 15% will be released.
- Phase II- @Rs1200/student with Rs1020 after completion and the balance 15% when 60% students get placed.
- Phase III Students to be trained for specific company and students who have not opted
 or lack attendance at the end of training of Phase I or II will also be trained and Payment
 shall be made after the fulfillment remaining hours in 70 % compulsory attendance for
 training or placement which one will be applicable for respective students. The record of
 such students will be prepared by Skill Bout separately.
- The Consultant shall, at all times, comply with the applicable requirements of the Goods and Services Tax Act, 2017 as in force.
- In the event of any non-compliance of the provisions of Goods and Services Tax Act, 2017 by the Consultant, the Client hereby undertakes to indemnify Skill bout without limitation, for any loss of eligible input tax credit for non-payment and any penalties or fines incurred by Skill bout.

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Training Execution Details

- The training classes are to be practical oriented and the roles of the trainers include a)
 - i) Forming presentations and training slides and materials
 - ii) Making sure the students are thorough on the trained topics that day by giving assignments, projects, and other such activities
 - iii) Personal training approach with individual focus and interaction with students
 - iv) Test all hardware and installation of software on the devices and make them ready for training
 - v) Provide Course Topics include: (Day 1 35 Topic wise File shared)
- Creation and active involvement and maintenance of a central portal to solve issues and b) doubts for the students
- The said amount does include all local taxes, foreign exchange conversion charges, transfer c) charges.

COMMUNICATION AND NOTICE

- a) All communication between client and Trainer shall be via Contractor.
- b) All communication between Client and Students/College/University shall be via Client

TRADE SECRETS AFTER TERMINATION OF CONTRACT

All of the terms of the above section of this Agreement shall remain in full force and effect for three years after the termination of a contractor for any reason, and during such threeyear period, the contractor shall not make or permit the making of any public announcement or statement of any kind that [he or she] was formerly assigned contract by or connected with the client.

AMENDMENT

This contract shall only be amended or modified by a written document executed by authorized representatives of the client and contractor. This contract supersedes all prior representations made by the client.

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Karnataka 560066

Skill Bout Professional Services

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ARBITRATION

Any disputes or claims between the client and the contractor arising out of this contract shall be resolved by submission of the same within Bangalore and shall be governed by the laws of India.

THEREFORE, the parties acknowledge that they have read and understand this Agreement and voluntarily accept the duties and obligations set forth herein.

SIGNED for and on behalf of

ITS Engineering College

Signature & Stamp : Dated :

SIGNED for and on behalf of Skillbout Professional

Services

Signature:



Dated: 04-08-2022

Reg No:5/86/CE/0094/2020



Skill Bout Professional Services

↑ Bangalore 560076

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@ www.skillbout.com

Ref.....

Dated: 24 March 2021

Memorandum of Understanding & MUTUAL NON-DISCLOSURE AGREEMENT This Memorandum of Understanding is made on this 27th day of Feb 2021 at Bangalore. (hereinafter referred to as the "Memorandum of Understanding") Between

Skillbout Professional Services % Roshan Kumar, an entity having a Registration No.: 5/86/CE/0094/2020, PAN: EDHPK3984H, Address: No. 529 2nd Floor, 8th Main, 6th Stage, Opp. SBI, BEML Layout, SBI Bank, Thubarahalli, Bengaluru, Karnataka - 560066, Phone No: +91-9731445858, of the other part or referred as "contractor", "consultant", "Vendor"

AND

"ITS Engineering College" is an Educational institute incorporated in India and having a registered address at 46, Knowledge Park III, Greater Noida, Uttar Pradesh 201308 of one part or referred to as Client, (Hereinafter collectively referred to as "the Parties") Whereas it is understood and agreed to that the parties to this Agreement would each like to provide the other withcertain information that may be considered confidential. To ensure the protection of such information and in consideration of the agreement to exchange said information, the parties agree as follows:

- 1. The confidential information to be disclosed under this Agreement ("Confidential Information") can be described as and includes. Technical, business information, business processes concepts and methodology relating to proprietary ideas, patentable ideas and/ or trade secrets, exiting and/or contemplated products and services, research and development, production, costs, profit and margin information, finances and financial projections, customers, clients, marketing, strategic networking, international linkages, business contacts and current or future business plans and models, regardless of whether such information is designated as "Confidential Information" at the time of its disclosure.
- In addition to the above, Confidential Information shall also include, and the parties shall have a duty to protect other confidential and/ or sensitive information that is
- (a) disclosed as such in writing and marked as confidential (or with other similar designation) at the time of disclosure, and/ or(b) disclosed in any other manner and identified as confidential at the time of disclosure and is also summarized and designated
- as confidential in a written memorandum delivered within thirty (30) days of the disclosure.
- The parties shall use the Confidential Information only to evaluate potential business, employment, and/ or investment relationships.
- 3. The parties shall limit disclosure of Confidential Information within its organization to its directors, officers, partners, members, and/ or employees having a need to know and shall not disclose Confidential Information to any third party (Whether an individual, corporation, or other entity) without prior written consent. The parties shall satisfy its obligations under this paragraph if it takes affirmative measures to ensure compliance with these confidentiality obligations by its employees, agents, consultants, and others who are permitted access to or use of the Confidential Information.
- 4. This agreement imposes no obligation upon the parties concerning any Confidential Information

(a) that was possessed before receipt

(b) os pr becomes a matter of public knowledge through no fault of the receiving party;

(c) is rightfully received from a third party not owing a duty of confidentiality;

(d) is disclosed without a duty of confidentiality to a third party by, or with the authorization of the disclosing party; or

(e) is independently developed.

- 5. The parties warrant that they have the right to disclose this Agreement.
- 6. This Agreement shall not be constructed as creating, transferring, granting, or conferring upon either party any rights, license, or authority in or to the information exchanged, except the limited right to use Confidential Information specified in paragraph Furthermore and specified, no license or conveyance of any intellectual property rights is granted or implied by this Agreement.
- 7. Neither party has an obligation under this Agreement to purchase any service, goods, or intangibles from the other party. Furthermore, both parties acknowledge and agree that the exchange of information under this Agreement shall not commit or bind either party to any present or future contractual relationship (except as specifically stated herein), nor shall the exchange of information be constructed as an inducement to act or not to act in any given manner.
- 8. Neither party shall be liable to the other in any manner whatsoever for any decisions, obligations, costs or expenses incurred, changes in business practices, plans, organization, products, services, or otherwise, based on either party's decision to use or rely on any information exchanged under this Agreement.



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Dated: 24 March 2021

B) Responsibilities for ITS Engineering College:

a) Online Connectivity Training:

- i) Tools/Accounts to be provided used for Online Training Delivery
- ii) Maintaining Batches in Each Account
- iii) Sharing Training Link with Students
- b) Offline live Training:
- i) Assign a coordinator for the training
- ii) Provide Accommodation and Food for the Trainer
- iii) Plan travel between Delhi airport and college
- c) Students Presence:
- i) Maintaining compulsory attendance for Students would be the responsibility of both institute & the training vendor.
- ii) Attendance Report should be created for each student
- iii) Maintaining an adequate number of students in Training
- iv) Communication with College & University for any updates

(d) Service Fee:

 "Skill Bout Professional services" shall be entitled to receive a total amount of: INR 2500 + GST (as per government rule) per student.

Payment terms and condition

- The First 30 % of Billed will made before the start of the training
- Next 40% of the Billed amount should be released by end of training
- The remaining 30 % of the amount should be released once 50 % of enrolled students gets will have at least 1 offer in the hand (either during on-campus or off-campus interview)
- * We shall continue to deliver training until all students get placed as per requirement of department.
- The Consultant shall, at all times, comply with the applicable requirements of the Goods and Services Tax Act, 2017 as in force.
- In the event of any non-compliance of the provisions of Goods and Services Tax Act, 2017 by the Consultant, the Client hereby undertakes to indemnify Skill bout without limitation, for any loss of eligible input tax credit for non-payment and any penalties or fines incurred by Skill bout. e) The training classes are to be practical oriented and the roles of the trainers include
- a. Forming presentations and training slides and materials
- b. Making sure the students are thorough on the trained topics that day by giving assignments, projects, and other such activities
- c. Personal training approach with individual focus and interaction with students
- d. Test all hardware and installation of software on the devices and make them ready for training
- e. Provide hands-on practical sessions
- f) Course Topics include: (Day 1 38 Topic wise File shared)
 Please Find Attached File: Training-Content-Delivery.pdf
- g) Creation and active involvement and maintenance of a central portal to solve issues and doubts for the students
- h) The said amount does include all local taxes, foreign exchange conversion charges, transfer charges.

Restriction for Contractor in the following circumstances:-

- 1. Training Material including Session Recording, Presentation Slides, Other are Strictly holding Copyrights to 2021 © Skill Bout professional services.
- 2. Training Material Content including Session Recording, Presentation Slides, or any other Content shall be used anywhere except the current training batch, 2022 passing out Students.
- 3. Training Material should not be disclosed on any Public Platform / Environment.
- 4. Trainer would remain available for each batch and once the batches started cannot be revoked any batches. COMMUNICATION AND NOTICE
- a) All communication between client and Trainer shall be via Contractor.
- b) All communication between Client and Students/College/University shall be via Client

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www.skillbout.com

Dated: 03 March 2021

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TRADE SECRETS AFTER TERMINATION OF CONTRACT

All of the terms of the above section of this Agreement shall remain in full force and effect for three years after the termination of a contractor for any reason, and during such three-year period, the contractor shall not make or permit the making of any public announcement or statement of any kind that [he or she] was formerly assigned contract by or connected with the client.

AMENDMENT

This contract shall only be amended or modified by a written document executed by authorized representatives of the client and contractor. This contract supersedes all prior representations made by the client.

ARBITRATION

Any disputes or claims between the client and the contractor arising out of this contract shall be resolved by submission of the same within Bangalore and shall be governed by the laws of India.

THEREFORE, the parties acknowledge that they have read and understand this Agreement and voluntarily accept the duties and obligations set forth herein.

SIGNED for and on behalf of Signature & Star ITS Engineering College Dated: Dr. B. C. Sharma Director ITS Engineering College **Greater Noida** Signature Dated: SIGNED for and on behalf of Skillbout Professional Services 201

Reg No:5/86/CE/0094/2020



Skill Bout Professional Services

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Ref.....

Dated: 24 March 2021

9. If there is a branch or threatened breach of any provision of this Agreement, it is agreed and understood that the non-breaching party shall have no adequate remedy in money or other damages and accordingly shall be entitled to injunctive relief; provided, however, no specifications in this Agreement of any other remedies in the event of a breach or threatened breach of this Agreement.

10. This Agreement states the entire agreement between the parties concerning the disclosure of Confidential Information and supersedes any prior agreements, understandings, or representations with respect thereto. Any addition or modification to this Agreement must be made in writing and signed by authorized representatives to both parties. This Agreement is made under and shall be representatives of both parties. This Agreement is made under and shall be constructed according to the laws of India. If this agreement is breached, any disputes must be settled in a court of competent jurisdiction in Bangalore, India.

11. If any of the provisions of this Agreement are found to be unenforceable, the remainder shall be enforced as fully as possible and the unenforceable provision(s) shall be deemed modified to the limited extent required to permit enforcement of the Agreement as a whole.

Any breach of the local law and relating consequences shall not be the responsibility of the client. AGREEMENT SCOPE

1. TASKS, DUTIES AND SCOPE OF WORK

The client required the Services of the Consultant's Trainer for Training Delivery on "C language, Data structure Using C, Programming skills, General Aptitude and Softskills '

A. Batch Start Date: 14, April 2021

B. Per Batch Details

Duration of Training: 38 days

Per Day Duration: 6 - 8 Hours

C. Mode of Training: Offline Live class

D. Batch Timings: 9: 00 AM - 05:00 PM IST

E. Total No. of Batches: 2 (Two)

o. of Trainer Required from Skill Bout: 02 Trainers (Two)

Skill Bout shall be employed as an independent and shall provide training & materials including software and toolkits, presentations sildes,

A) Responsibilities for Skill Bout.

a) Providing Trainer for All Batches:

i) 2 Trainers would be available for all batches.

ii) Trainer would remain available & Start the training delivery for every batch, without respect to number of Student Available

iii) Regular Task/Assignments/Practice would be given to students

iv) Technical Doubts & Queries would be handled.

v) Skill Bout is responsible to conduction Refresher training until all enrolled students gets a job.

vi) Daily attendance and monitoring

b) Duration:

i) 38 days(230 hours) of Training would be completed by Trainers

ii) Per Day - Per Batch: 6-8 Hours

c) Reference Study Material including:

i) Open Source Tools

ii) Presentation Slides

iii) E Books

iv) Video Contents



GSTIN 29EDHPK3984II1ZZ 529, 8th main 18th main

529, 8th main 18th main

BEML layout

Bangalore,560076

80050403391

www.skillbout.com

roshan@skillbout.com

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DAT

2 11 2021

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26-03-202

BALÁNCÉDE

DATE SIGNED

22-13-2021

INR 649,000,00

BILL TO

ITS Engineering College

ITS Engineering College, 46, Knowledge Park-III, Greater Noida-201308

, 0120-2331000

0120-2331037

	i i		14	
DESCRIPTION		RATE	QTY	AMOUN
Campus recruitment training for 2022 Passing out students. Training will conducted in 3 phases starting from 1st of April for e of Computer science and electronic and communication students.	nrolled students	2,500.00	220	550,000.00
	, ,	SUBTOTAL GST (18%)		550.000.40 .99.000.00
Payment Instructions	", s.i	TOTAL		649,000.00
BANK TRANSFER In favour of M/s skillbout profesional services		BALANCE DUF	INR 64	19,000.00
Account Number: 390305000513		3 <u>*</u>	-	

Payment terms

FSC:ICIC0003903

- 1. First 30% of payment should be made before 30 of month.
- 2. 2 nd installment of 40% by end of September 2021.
- 3. Final payment of 30% of remaining when 50% of enrolled students will get placed. As per MOU terms.
- 4. Payment should be made by online transfer.

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ber WON/Coupe.

Shalim (x 103) 2021



I.T.S ENGINEERING COLLEGE

(NAAC Accredited)

DEPARTMENT OF CORPORATE RESOURCE CENTRE

46, Knowledge Park-III, Greater Noida Distt. Gautam Budh Nagar (U.P.)
Phone: (0120) 2331005/06, Mob. +917840094642 E-mail: crchead.engg@its.edu.in
Website: http://www.its.edu.in

Date: 16/03/2022

Subject: Final Installment payment of Skill Bout (70% of total billed amount)

Dear Sir,

An MOU with Skill Bout had been signed (details enclosed) and as per the agreement the institute was liable to pay an amount of Rs. 6,49,000/-, out of which after mutually deciding the amount payable has been reduced to Rs. 5,45,750/- (including GST).

Amount already paid in the first installment was Rs. 1,71,720/- (including GST). Total amount pending Rs. 3,74,031/ (including GST).

Requesting you kindly release an amount of Rs. 3,74,031/- at the earliest.

Blo. bescon it.

For your kind approval

Shalini Khatri

Head-CRC

Dr. Mayank Garg

Director

APPROVED IN ZOHO

Date 92/03/ Oste.

S. No. 13 Amount Rs. 327

Approved by A.I.C.T.E, Govt. of India and Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknew

Invoice No. 5 Ref. No. 5

SUBJECT TO BANGALORE JURISDICTION

Skillbout Proffesional Services

18/192/CE/0368/201 529, 8 main 6th Stage, Opp. SBI Thubrahalli BEML Layout, Bangalore 560076

India

GSTIN: 29EDHPK3984H1ZZ

GSTIN/UIN

: 29EDHPK3984H1ZZ State Name : Karnataka, Code : 29

Tax Invoice

Party: ITS ENGINEERING COLLEGE

State Name

Karnataka, Code: 29

PAN/IT No

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount	Taxable		tral Tax		ate Tax	Total
-			7				Value	Rate	Amount	Rate	Amount	Amount
	Training Services on QTY	9983	185QTY	NA	QTY	3,16,975	3,16,975	9%	28,528	9%	28,528	3,74,031
	Output CGST @ 9% Output SGST @ 9%					28,528 28,528						
	Total		185 QTY			3,74,031	3,16,975		28,528		28,528	

Amount Chargeable (in words) INR Three Lakh Seventy-Four Thousand Thirty-one Only

Remarks:

Being campus recruitment fraining for the 2022 passing out students. Invoice generated with 70% of the contract value

Company's Bank Details

Bank Name

: ICICI Bank 390305000513

A/c No. Branch & IFS Code

: ICIC0003903

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Malini 16/03/2022

for Skillbout Proffesional Services

Authorised Signatory

E. & O.E

Dated 11-Mar-2022

This is a Computer Generated Invoice 205

18/192/CE/0368/201 529, 8 main 6th Stage, Opp. SBI Thubrahalli BEML Layout, Bangalore 560076

GSTIN: 29EDHPK3984H1ZZ

: 29EDHPK3984H1ZZ GSTIN/UIN : Karnataka, Code : 29 State Name

Tax Invoice

Party: ITS ENGINEERING COLLEGE

State Name

· Karnataka Code · 29

PAN/IT No

SI	Description of Goods	Quantity	Rate	per	Amount	Taxable		ntral Tax		ate Tax	Total
SI No.						Value	Rate	Amount	Rate	Amount	Amount
1	Training Services on QTY	185QTY	NA .	QTY	171720						171720
	Alex 14.										
	To cred ming	12/22 al 185 QTY			171720						

Amount Chargeable (in words) INR One Lakh seventy one thousand seven hundred twenty.

Being campus recruitment training for the 2022 passing out students. Invoice generated with 70% of the contract value.

Company's Bank Details

Branch & IFS Code

Bank Name A/c No.

: ICICI Bank 390305000513 : ICIC0003903

Amount about, from

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Malini 31/03/2022

for Skillbout Proffesional Services

Authorised Signatory

Invoice No. 150 Ref. No. 150

SUBJECT TO BANGALORE JURISDICTION

Skillbout Proffesional Services

18/192/CE/0368/201 529, 8 main 6th Stage, Opp. SBI Thubrahalli BEML Layout, Bengaluru 560076

GSTIN: 29EDHPK3984H1ZZ

Tax Invoice

Party: ITS Engineering College

46, Knowledge Park III, Greater Noida, Uttar Pradesh 201310

Phone: 085100 10840

APPROVED IN ZOHO (FOR ON LINE PAYMENT)

Sign		
Take:	70.	
		-
No.	Amount Do	

SI Vo.		Description of Services	HSN/SAC	No. of Students	Rate	Per	Amount	Taxable		ntral Tax		ate Tax	Total
1	Training Services		NIA					Value	Rate	Amount	Rate	Amount	Amoun
			NA	165	1300	student	2,14,500	2,14,500	NA	NA	NA	NA	2,53,110
		Output CGST @ 18%			18%		38,610						
I		Total	STATE AND	165			2,53,110	2,14,500		NA		NA	

Amount Chargeable (in words) INR Two Lakh Fifty Three Thousand One Hundred Ten Rupees Only

Remarks:

Being Services of Campus Recruitment Training to the final year students of ITS Engineering College

Company's Bank Details Bank Name

A/c No.

: ICICI Bank 390305000513 : ICIC0003903

Branch & IFS Code

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct. Customer's Seal and Signature

for Skillbout Proffesional Services

Seeselary Gr,

Kindly allow 85%, payment i.e. This is a Computer Generated Invoice

RS 182325.00 02 Rs 214500.00. Mich

We remaining to 15% of payment will be

released after 60%, placement is achine out 3 165 students

ROSHAN KUMAR Date: 2023.01.25

Digitally signed by

Authorised Signatory

F.&OF

14:13:36 +05'30'

Dated

02-Jan-2023

Invoice No. 151 Ref. No. 151



SUBJECT TO BANGALORE JURISDICTION

Skillbout Proffesional Services

18/192/CE/0368/201 529, 8 main 6th Stage, Opp. SBI Thubrahalli BEML Layout, Bengaluru 560076 GSTIN: 29EDHPK3984H1ZZ

Tax Invoice

Party: ITS Engineering College

46, Knowledge Park III, Greater Noida, Uttar Pradesh 201310 Phone: 085100 10840

Dated 02-Jan-2023

APPROVED IN ZOHO FOR ON LINE PAYMENT)

Sign.	Sign
	Dela

	-Jan-2023												
SI Vo.		Description of Services		HSN/SAC No. of Students		Per	Amount	Taxable Value	Central Tax Rate Amount		State Tax		Total
1	Training Services		NA	77	1200	student	92,400	92,400	NA		Rate	Amount	Amount
								92,400	INA	NA	NA	NA	1,09,032
		Output CGST @ 18%			18%		16,632						
1													
													*
+		Total		77			1,09,032	92,400		NA		NA	

Amount Chargeable (in words) INR One Lakh Nine Thousand Thirty Two Rupees Only

Being Services of Campus Recruitment Training to the final year students of ITS Engineering College

Declaration

Company's Bank Details

Bank Name

ICICI Bank 390305000513 ICIC0003903

A/c No. Branch & IFS Code

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct. Customer's Seal and Signature

for Skillbout Proffesional Services

This is a Computer Generated Invoice

Kindly all 85%. payment i.e Rs 78540.00 layour B Rs 92400.00. The raining payment will be release after 60%. Placement is achived out of 77 students. 27101 release after 60%. Placement is achived out of 77 students. 27101

Authorised Signatory

Digitally signed by ROSHAN KUMAR Date: 2023.01.25

E. & O.E

14:38:56 +05'30'