(Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437

[Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAG with 'A'Grade)

(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)

Ph. 08852 - 252233, 252234, 252235, Fax: 252232, Website: www.pragati.ac.in

(Sponsored by Gayetri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph.: 0884 - 2355900, Fax: 2363900

DEPARTMENT OF CIVIL ENGINEERING

Surampalem, Date: 13/08/2019

CIRCULAR

It is to inform all the students of BTech II, III,& IV year that the department of civil engineering is planning to organize a LEVEL A (Construction Methodology Basics in Civil Engineering) Workshop on 19/08/2019 to 14/09/2019 by department of Civil Engineering. All the Interested candidates can enroll their names with Ms. M. Sri Lakshmi, Assistant professor, Department of Civil Engineering on or before 17/08/2019. The number of participants to this is limited; preference is based on first come first serve basis.

Venue: Classroom CS-5 CIVIL DEPARTMENT BLOCK

Date: 19/08/2019

Copy to:

Circulate among CE Students and Faculty, Dept. File. CE Notice Board Principal for Information HOR CE-HOO PR



1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437 ed to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade) (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956) Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragati.ac.in (Sponsored by Gayatri Educational Society)

D No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Brinagar, Kakinada - 3, Ph.: 0884 - 2365600, Fax : 2363900

Objective of the Course

The course is designed for students to make them understand the concepts of Project Management for planning to execution of projects. To learn the feasibility analysis in project management and network analysis tools for cost and time estimation. This course bridges the gap between the college education & the industry demands

Topic Covered:

WEEK 1: Construction Management-Carpentry Building Construction-Procurement Construction- Project Management- Construction Methodology

WEEK 2: Building Construction Overview, Site Utilities, Earthwork and Foundation Systems

WEEK 3: Quantity Survey & Quantity Surveying Estimation

WEEK 4: Civil Engineering & Construction Works

(Autonomous)

1-378, ADB Road, Surampatern, E. Q. District, A.P. - 533-437 (Approved by AICTE & Permanently Affiliated to JHTUK, Kabinada & Accredited by NAAC with 'A'Grade' (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956) Ph. 108652 - 252233, 252234, 252235, Fax: 252232, Website . www.pragati.ac.in

D.No. 2-24-4/2, Ground Floor, Janmathoomi Park Road, Brinager, Kabinada - 3, Ph. 0884 - 2355600, Fax. 2363600

OUTCOMES OF THE COURSE

Students will be able to:

- ✓ The Learners will understand to Read all Architectural and structural Auto cad Drawings
- ✓ The Learners will understand how a building is constructed from Scratch with Practical Photos + Videos
- ✓ The learners will understand the Basics of Civil Engineering and also about Structural Engineering
- ✓ In this course students will be able to learn construction sequence & its practical application at site.
- Students will be able to understand and read Footing Layout Drawings, Column Layout drawings, Column reinforcement drawings.
- Students will be able to understand the concepts of civil Engineering and its Practical Applications during execution.
- ✓ Students will be able to read all Reinforcement details of Footing, Column, Plinth beams, Ground Floor Beams, slabs & staircases

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PRAGATI ENGINEERING COLLEGE (Autonomous)

1-376, ADB Road, Surampalem, E.G.District, A.P. - 533 437 ACTE & Permanently Affiliated to JNTUK, Kahinada & Accredited by NAAC w oved by AICTE & Permanently Affiliated to JMTUK, Kakinada & Accredited by NAAG with 'A'C (Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956) Ph : 08852 - 252233, 252234, 252235, Fax : 252232, Website : www.pragntl.ac.in

D.No. 2-24-4/2, Ground Floor,

Resource Person Details

Name: G.S.V Brahmaji Rao

Designation: Assistant Professor

Contact Details: 7396146591

Photographs during training Session





1 378, ADB Road, Surampalein, E. G. District, A.P. - 533 437 (Approved by AICTE & Permanently ARRated to JHTUK, Kaldheda & Accredited by HAAC with 'A' Grade)
(Racognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph. D8852 - 252233, 252234, 252235, Fax 252232, Website www.pragate.ac. in
(Sponsered by Gayetri Educational Seciety)
D No. 3-24-4/2 Crossed Floor, Jeremisthooms Park Hoad, Srinagar, Kalainada - 3, Ph. 0884 - 2355800, Fax 2353800

Department of CIVIL Engineering

STUDENTS ENROLLED for Construction Methodology Basics in Civil Engineering

S.No	Name of the Student	Roll Number	Signature
1	Allam Rama Naga Prasanna	18A31A0101	A-R N Masay
2	Dantuluri Tripura Sravya	18A31A0106	T. Smiller
3	Kammasathi Divya Teja Sree	18A31A0107	Tanker -
4	Lanka Jeevana Sruthi	18A31A0109	1 Jeenen Suthi
5	Bangaru Sai Teja	18A31A0121	Si ten
6	Kalla Siva Sai	19A35A0108	O.wali
7	Inti Anjana Devi	18A31A0161	TAND.
8	Karumuri Durga Bhargavi	18A31A0162	Wil Durge 6hon
9	Nallam Lavanya	18A31A0165	11 /00 11
10	Vaddi Pradeep	18A31A0171	War
11	Barla Veera Mahalakshmi	19A35A0115	Mahalakelmi
12	Pemmadi Swapna	19A35A0116	P. Carofina
13	Boddu Tejesh	19A35A0117	101
14	Gokeda Bhavani Prasanna	17A31A0103	S'R'pyalanna
15	Macha Haritha	17A31A0109	Hasuta
16	Veronica Doddigarla	17A31A0119	Veronice
17	Basa Siva Ganesh	17A31A0123	B. S. Grade
18	Gadapa Suresh'	17A31A0128	(ICI
19	Kandregula Sai Sumanth	17A31A0134	K See That
20	Kolaganti Sriram	17A31A0136	de Constitution de la constituti
21	Kothapalli Siva	17A31A0137	ina -
22	Nethi Akarsh	17A31A0143	Akan
23	Bethina Satcesh	18A35A0103	B Saterle
24	Kattamuru Chandu	18A35A0112	K. chandhu

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



25	Sheik Khaja Mehaboob Ali	18A35A0114	had when
26	Namana Sai Naga Sindhusha	17A31A0167	Cadhush
27	Sree Soumya Kothim	17A31A0172	Sumue
28	Gandham Swathi	18A35A0115	Codiv
29	Savaram Anil Kumar	18A35A0124	4000
30	Vallu Sivanadh	18A35A0127	111
31	Koduri Subhasri	16A31A0104	The same
32	Ulagati Jabili Josh	16A31A0107	William.
33	Badam Manikanta	16A31A0114	721/h -
34	Pentakota Sai Babu	16A31A0147	V. car Kolya
35	Kante Sai	17A35A0105	
36	Tirumani Sri Guru Charan	17A35A0115	Gum Charan
37	K Rashmitha	16A31A0162	Rashwitha
38	Yalla Rahul Raj	16A31A01B2	1 Q . Or
39	Kadali Manikanta	17A35A0123	K. Manikata
40	Maji Karthik Surya	17A35A0126	NI
41	Samana Aravind	17A35A0130	41

Co-Ordinator

Resource Person

PRINCIPAL

Department of CIVIL Engineering

ATTENDANCE REPORT for Construction Methodology Basics in Civil Engineering

S.No	Roll Number	Classes Conducted	Classes Attended
1	18A31A0101	44	41
2	18A31A0106	44	42
3	18A31A0107	44	44
4	18A31A0109	44	43
5	18A31A0121	44	42
6	19A35A0108	44	41
7	18A31A0161	44	43
8	18A31A0162	44	44
9	18A31A0165	44	44
10	18A31A0171	44	44
11	19A35A0115	44	43
12	19A35A0116	44	44
13	19A35A0117	44	42
14	17A31A0103	44	44
15	17A31A0109	44	43
16	17A31A0119	44	44
17	17A31A0123	44	41
18	17A31A0128	44	42
19	17A31A0134	44	44
20	17A31A0136	44	44
21	17A31A0137	44	44
22	17A31A0143	44	43
23	18A35A0103	44	42
24	18A35A0112	44	42

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(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

25	18A35A0114	44	43
26	17A31A0167	44	43
27	17A31A0172	44	44
28	18A35A0115	44	44
29	18A35A0124	44	44
30	18A35A0127	44	42
31	16A31A0104	44	41
32	16A31A0107	44	44
33	16A31A0114	44	44
34	16A31A0147	44	42
35	17A35A0105	44	43
36	17A35A0115	44	44
37	16A31A0162	44	42
38	16A31A01B2	44	44
39	17A35A0123	44	44
40	17A35A0126	44	44
41	17A35A0130	44	42

Co-Ordinator

Resource Person

Department of CIVIL Engineering STUDENTS ENROLLED

S.No	Name of the Student	Roll Number	Signature
1	TELAGAMSETTI CHANDRIKA	18A31A0114	do.
2	ALLU SAI NAVEEN	18A31A0119	Nation.
3 .	DODDI SURENDRA RAJ	18A31A0126	Surerdia
4	KUTAN KUMAR RAJA	18A31A0137	River
5.	CHALAMCHARLA AAKASH	19A35A0106	A
6	NACHIREDDY SAI SANDEEP	19A35A0111	7
7	THOTA MOHAN	19A35A0113	MJ
8	PILLA VICTOR SPENNER	19A35A0128	18
9.	BONDA SRI SAI DIVYA	18A31A0154	De Dige
10	KARUMURI DURGA BHARGAVI	18A31A0162	De .
11	V LAKSHMI DURGA	18A31A0169	Larmi
12	B DILIP SAI BHAGAVAN		Vai
13	MALLI MANIDEEP	18A31A0184	Marideep
14	PENKEY SRI AASHISH	18A31A0194	Acli
15	SYED GHOUSE	18A31A01A1	17
16	BODDU TEJESH	19A35A0117	1001
17	VOOLURU MEGHASHYAM	19A35A0124	(D)
18	SUTHAPALLI SIVAMANIKANTA	18A31A01A0	S. S. Maniburta
19	DUGGADA YEMEEMA SWETHA	19A31A0104	S. S. Introduction

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20	MUSINADA AMRUTIIA	19/31/0110	Atla
21	PALIVELA VEERENDRA	20/35/0109	henry
22	SHEIK CHAN BASHA	20/35/0112	Bahr
23	NARALA SAI RAKESII	20A35A0116	V. S. P
24	GUDIMETLA DAYANIDIII	21/31/0107	G. Daynwith
25	A. TEJASWINI NAGA SRI SAI	21/31/0101	Su Seri
26	PRATHYUSHA PITHANI	21/31/0112	DP.
27	CHITTURI S V V RAM KISHORE	21/31/10121	v. v. Romkishow
28	GUBBALA JOHN MUKESH	21A31A0124	6. Phrmupsh
29	KUDIPUDI SESHA SAI KARTHIK	21A31A0128	Loutlie
30	MANOHAR REDDY SATHI	21A31A0135	mure
31	S. S. SREENIVASA NARENDRA	- 21A31A0141	Warendor
32	V. N. VENKATA KOTI DINESH	-21A31A0143	Dan
33	YELETI JAYAKANTH	-21A31A0145	star
34	MORTHA ASISH KUMAR	21A31A0147	Du
35	JALASUTRA CHANDU	21A31A0125	Jetulu

Resource Person



Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt:	90 191	Dt:	80 08	Dt:	21/08	Dt	22 08	Dt:	23/08	Dt:	26/08	Dt:	27 09
	1	2	3	4	5	6	7	8	9	Tio	11	12	13	
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	A	14
18A31A0106	P	P	P	P	P	P	P	P	P	P	P	P		A
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	-	
18A31A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	P	P	P	P	P	P	P	P	,	P	
18A31A0161	P	P	P	P	P	P	P	P	P	,		P	-	P
18A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0165	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	,	P	P	P	P
19A35A0115	P	P	P	P	P	P	P	1		P	P	P	P	P
19A35A0116	P	P	P	P	P	P		P	P	P	P	P	P	P
19A35A0117	P	P	P	1			P	P	P	P	P	P	P	Р
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P		P	P	P	P	P	P	P	P	-	P	P
17A31A0119	P	P	P	P	P	A	P	P	P	-	P	P	P	P
7A31A0123	P	-			P	P	P	P	P	P	P	P	P	P
7A31A0128	-	P	Α	Α	P	P	P	P	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	P	P	P	P	P	P	P	P	P	P	P	P	Р	P
7A31A0143	P	P	P	P	A	P	P	P	P	P	P	P	P	
8A35A0103	P	P	P	P	A	A	P		P	P	P	P	P	P

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PRAGATI ENGINEERING COLLEGE

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18A35A0112	1	P	10	P	A	A	IP	F	P	P	P	P	F	P
18A35A0114	P	P	P	P	P	P	P	F	P	0	0	10	P	P
17A31A0167	P	P	1.	P	1	1	-	1	1	+	1	+	1.	1
17A31A0172	P	P	P	P	P	P	1	1		P	+	1	P	P
18A35A0115	P	P	P	P	P	P	1	P	1	-	P	P	P	P
18A35A0124	P	P	P	P	P	P	P	1	1	P	P	P	P	P
18A35A0127	P	P	P	P	A	A	P	P		P	P	P	P	P
16A31A0104		P	P	P	P	P	P	1		P	P	P	P	P
16A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0114	P	P	P	P	P	P	P	P	1	P	P	P	P	P
16A31A0147	P	P	P	P	A	A	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	Þ	P	P	P	P	P	P	P	P	P	P
17A35A0115	P	P	P	P	P	P	P	1	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	-	P	P	P	P	P	P	P	P
16A31A01B2	P	P	P	P	P	P	1	P	P	P	P	P	P	P
17A35A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0126	P	P	P	P		P	-	P	P	P	P	P	P	P
17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	PA	PA

Co-Ordinator

Resource Person



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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

1-378 AOB Road, Surampeters, E. O. Deiret, A.P.: 633 437
ACTE & Personal Address of MIDE, Research & Access of by NAAC acc.
Congressed by UGC Under Sections 2 (f) and 12 (b) of UGC ser. 1984) 52233 252234, 262235. Fair 252232 Wathelie www.prayab.ee in (Eponsored by Cayatri Educational Society) Amendidation Park Hamil Stronger, Resemble 1 Ft. 6664 - 2365000.

Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Busics in Civil Engineering

Roll No.	Di:	28/08	Du	29 08	Dt:	30/0	BD	1163	80	Dt: O	3/00	De	04/0	9 D	05/
	15	16	17	18	19	20	0 2	1		23	24	1	1	-1	
18A31A0101	P	P	P	P	P	-			P	P	P	P	-	-	-
18A31A0106	P	P	P	P	P	F				P	P	-	+	P	-
18A31A0107		-	P		R	P	-	-	-	P	P	P	1	P	1
18A31A0109	_	P	P	P	A	P		1	>	P	P	P	+	P	-
18A31A0121		P	P	P	P	P	P	1		0	P	P	P	P	-
19A35A0108	1.	P	P	A	P	P	P	1	- 1		-		P	P	1
18A31A0161	P	P	P	P	P	1	1			P	P	P	P	P	1
18A31A0162	P	P	P		-	P	P	+	-	2	P	P	P	P	1
18A31A0165	P	P	P	P	P	P	1	1	-	2	P	P	P	P	P
18A31A0171	P	P	•	200		P	P		1		P	P	P	P	P
19A35A0115	P	P	P	P	P	P	P	+	1		P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	-	-	-		P	P	P	P
19A35A0117	P	P	-		P	P	P	+	1		P	P	P	P	P
7A31A0103	P	0	P	P	P	P	P	1	1	1	>	P	P	P	P
7A31A0109	7	~	2		P	P	P	P	P		-	P	P	P	P
7A31A0119	P		P		P	P	P	P	P			P	P	P	P
7A31A0123	P	-	P		P	P	P	P	F	1	2	P	P	P	P
7A31A0128	P		P		A	P	P	P		1	7	P	P	P	P
7A31A0134	P	P	P	P	P	P	A	A	P	F	1	2	P	P	P
7A31A0136	P		P	PI	2	P	P	P	P	F	> 1	P	P	P	P
1.16.3 (3.14.14.14.1)	P		2	P	P	P	P	P	P	F	1	>	P	P	P
7A31A0137	P	PI	2	_	>	P	P	P	P	F	> F	>	P	P	P
7A31A0143	P	P	P	P	P	P	P	P	P	F	, ,	>	P	P	P
8A35A0103	P	PF	7	PF	>	P	P	P	P	P	F	>	P		D



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1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

18A35A0112	1	P	10	IP	10	10	10	10	10	10	10	10		To
18A35A0114	P	-	1,	1	1	1.	1	1	1	-	1	1	P	P
17A31A0167	P	1	-	1 -			1		1.	P	P	P	P	P
17A31A0172	1	-	1	-	-1-1	P	P	P	P	P	P	P	P	P
18A35A0115	1	+	-	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	F	-	P	P	P	P	P	P	P	P	P	P	P	P
		P	P	P	P	P	P	P	P	P	P	P	P	
18A35A0127	P	P	P	P	P	P	P	P	P	P	1			P
16A31A0104	P	P	P	P	A	A	P		1		P	P	P	P
16A31A0107	P	P	P	P	P			P	1	P	P	P	P	P
16A31A0114	P	P	P	P		P	P	P	P	P	P	P	P	P
16A31A0147	P	1		-	P	P	P	P	P	P	P	P	P	P
17A35A0105		P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0115	P	P	P	P	A	A	P	P	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01B2	P	P	P	P	P	P	P	P	P	P	P	P	A	A
	P	P	P	P	P	P	P	P	P	P				100
17A35A0123	P	P	P	P	P	P		-			P	P	P	P
17A35A0126	P	P	P			-	P	P	P.	P	P	P	P	P
17A35A0130	P			P	P	P	P	P	P	P	P	P	P	P
		P	P	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator

Resource Person





(Autonomous)

1-376 ADIS Road, Busampalam, E. O. District, A. P. - 533-437

(Recognised by UOC Under Sections 2 (f) and 12 (b) of UGC est, 1994)

Ph. 68652 - 262233, 262234, 262235, Fax. 262232, Website.

O for 3-24-82, Ground From Javernationers Park Hond Stronger Rabinata - 3 Ft. 1986 - 1365000, fin. 2385000

Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	DI:6 9		Dt: 7	19	Dt: c	19	Dt:	109	Dt:	11/9	Dt: 1	29	Dt:	3/9
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0106	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0121	P	P	A	A	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A31A0161	P	P	P	P	P	P	P	P	P	P	P	A	P	P
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Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

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17A31A0128	P	P	-		7									
17A31A0134	P	P				-	4		1					
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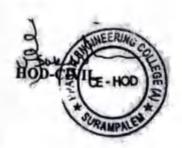


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17A31A0167	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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Resource Person





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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/2019

DEPARTMENT

: CIVIL

ACADEMIC YEAR

2019-2020

NAME OF THE SPEAKER

: G.S. V Bramaji; Rao

TITLE OF TRAINING PROGRAM

: Construction methodology Basics

in civil Engineering

DATE/VENUE

: 19/8/2019

CS-5-CIVIL Dept block.

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

13

2. Method of Delivery

5

3. Related to Subject

5

4. Is the topic useful for career

4

5. Suggestion if any

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/2019.

DEPARTMENT

civil

ACADEMIC YEAR

: 2019-2020.

NAME OF THE SPEAKER

: G.S. V Bramaji Rao.

TITLE OF TRAINING PROGRAM

: construction methodology Basics.

DATE/VENUE

: 19/8/2019.

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2. Method of Delivery

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4. Is the topic useful for career

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Signature/ Name of the Student

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D No 2-24-4/2 Ground FI

Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/20/9

DEPARTMENT

CIVIL

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: G.S.V Bramaji Rao

TITLE OF TRAINING PROGRAM

: Construction methodology Basics in Civil Engineering

DATE/VENUE

: 19/8/2019

CS-5- CiVIL Dept block

Please Evaluate on a scale of 5:

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3 - Average

2 - Poor

1 - Avoid

Usefulness of topic

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Method of Delivery

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3. Related to Subject

: 5

4. Is the topic useful for career

5. Suggestion if any

G.B. prasanna

Signature/ Name of the Student (Optional)

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Date: 14/9/ 20/9

DEPARTMENT

civil

ACADEMIC YEAR

: 2019-2020

NAME OF THE SPEAKER

: 600 G. S.V. Branoji Ros

TITLE OF TRAINING PROGRAM

: Construction relladology K-jils

DATE/VENUE

: 19/8/2019

CS-5- civil Dept & lock

Please Evaluate on a scale of 5:

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3 - Average

2 - Poor

1 - Avoid

Usefulness of topic

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2. Method of Delivery

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3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature/ Name of the Student

(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/19

DEPARTMENT

CIVIL

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: G.S.V · Bramajji Rao

TITLE OF TRAINING PROGRAM

: construction methodology Basis

in Civil Engineering

DATE/VENUE

: 19/8/2019

CS-5- CivilDePt block

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

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1. Usefulness of topic

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career .

5. Suggestion if any

Signature/ Name of the Student (Optional)

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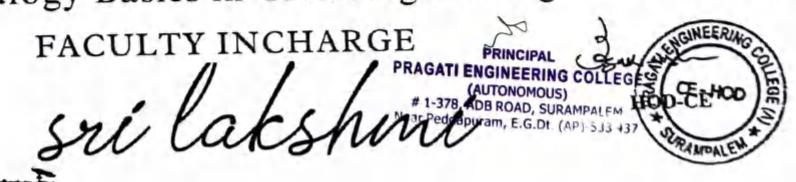
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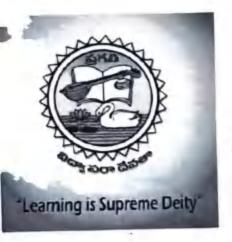
PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

KATTAMURU CHANDU

For participating in the Workshop of "Construction Methodlogy Basics in Civil Engineering" on 13/08/2019





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PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

BETHINA SATEESH

For participating in the Workshop of "Construction Methodlogy Basics in Civil Engineering" on 13/08/2019

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DEPARTMENT OF CIVIL ENGINEERING

Surampalem, Date: 21/01/2020

CIRCULAR

It is to inform all the students of BTech II, III,& IV year that the department of civil engineering is planning to organize a LEVEL A "Introduction to Environmental Geomechanics:" Workshop on 27/01/2020 to 20/02/2020 by department of Civil Engineering. All the Interested candidates can enroll their names with Mr. V Mani Deep, Assistant professor, Department of Civil Engineering on or before 25/01/2020. The number of participants to this is limited; preference is based on first come first serve basis.

Venue: Classroom CF-3 CIVIL DEPARTMENT BLOCK

Date: 27/01/2020

Copy to:

Circulate among CE Students and Faculty, Dept. File. CE Notice Board Principal for Information

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Objective of the Course

The course is designed for students to make them understand the basics of environmental geomechanics, which describes the behaviour of underground materials. We explain how the environment influences conventional geotechnical engineering practices, creating a need for various geometric modelling techniques for the safe transportation and disposal of waste. We also examine the modelling of various environmental situations using geomechanical principles

Topic Covered:

WEEK 1: Introduction to Environmental Geomechanics

- 1. Introduction
- 2. Background and subject organization of environmental geomechanics
- 3. Soil mechanics

WEEK 2: Scope and Trends of Environmental Geomechanics

- 1. Scope of Environmental Geomechanics
- 2. Waste Mechanics and Waste-Environment Interaction
- 3. Modelling the spread of contaminants
- 4. Natural and Man-made Environments
- Energy and Geomechanics

WEEK 3: Nature of Soil

- 1. Gas Hydrates
- 2. Soil-water Environment Interactions
- 3. Response of the soil to Environment
- 4. Pollution Processes and Soil-Pollution Interaction

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OUTCOMES OF THE COURSE

Students will be able to:

- Outline the history and development of environmental geomechanics.
- Explain the need for geometric modelling techniques for the safe disposal of waste.
- ✓ Define 'soil mechanics' in the context of geomechanics.
- ✓ Identify the problems associated with the underground environment.
- Describe the scope of environmental geomechanics.
- ✓ Define 'Waste Mechanics".
- ✓ Discuss the current global trends in geotechnical engineering.
- Explain the concept of 'gas hydrates'.
- Recognize the behaviour of soil as a living entity.
- Describe the components of natural and man-made environments.
- Identify the parameters for classification of soils.

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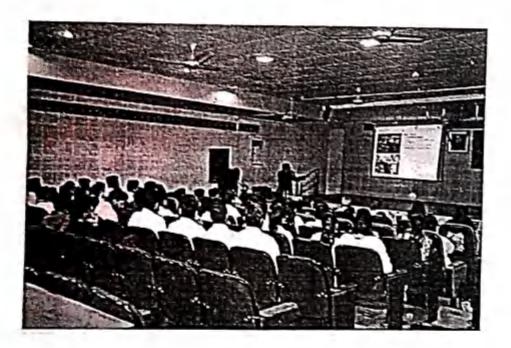
Resource Person Details

Name: A. Ravi Teja

Designation: Assistant Professor

Contact Details: 9703544382

Photographs during training Session





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Department of CIVIL Engineering

STUDENTS ENROLLED for Introduction to Environmental Geomechanics

S.No	Name of the Student	Roll Number	Signature
1	Avala Yamini	18A31A0103	Λ
2	Chukka Umadevi	18A31A0105	Hanim
3	Lanka Jeevana Sruthi	18A31A0109	G. UMa du
4	Allu Sai Naveen	18A31A0119	Stuther
5	Donam Sridhar	18A31A0127	Novem
6	Koduri Jaya Ram	18A31A0134	Judhar
7	Vanga Taraka Rama Siva Sai	18A31A0149	Jaya Rame
8	Kalla Siva Sai	19A35A0110	VI Sear
9	Thota Mohan	19A35A0113	Kalla Sivo
10	Kursala Keerthana	18A31A0163	1 Johan
11	Vaddi Pradeep	18A31A0171	Keerlyone
12	Chandaka Nani	19A35A0118	Gadd fradey
13	Vandrasi Shyam	19A35A0121/	Main.ol
14	Pemmadi Ramya	17A31A0114	Vandowiji Shy
15	Addamki Sivaram	17A31A0121	A Comp
16	Kurma Sriram	17A31A0136	A. SVa Man
17	Sampara Issac Chandan	17A31A0151	Onisam
18	Kattamuru Chandu	18A35A0112	Maria
19	Visanala Srilekha	17A31A0174	Carter
20	Chittiprolu Naga Ramesh	17A31A0181	Srifetha
21	Gandham Swathi	18A35A0115	myakaus
22	Gurrala Sonali	18A35A0116	Scattie
23	Kunduru Sumanth	18A35A0121	a sonato
	Thirukoti Vikranth	18A35A0126	Kommenth

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25	Done Abhilas	16A31A0119	
26	P. Surya Sai Chitti Manohar	16A31A0140	
27	Boola Keerthi	17A35A0101	
28	Boddeti Veera Nagendra	17Λ35Λ0104	
29	Kante Sai	17A35A0105	
30	Turakapudi Haritha	16A31A0170	
31	Chakka Neeraj Kumar	16A31A0173	
32	Earni Sesha Sai	16A31A0182	
33	Kuna Sai Swaroop	16A31A0189	
34	Kukkala Raju	17A35A0124	

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Co-Ordinator

Resource Person

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D No. 2-24-4/2. Ground Floor 0884 - 2355900, Fax : 2363900

Department of CIVIL Engineering

ATTENDANCE REPORT for Introduction to Environmental Geomechanics

S.No	Roll Number	Classes Conducted	Classes Attended
1	18A31A0103	44	42
2	18A31A0105	44	44
3	18A31A0109	44	44
4	18A31A0119	44	44
5	18A31A0127	44	44
6	18A31A0134	44	43
7	18A31A0149	44	43
8	19A35A0110	44	44
9	19A35A0113	44	41
10	18A31A0163	44	43
11	18A31A0171	44.	44
12	19A35A0118	44	42
13	19A35A0121	44	44
14	17A31A0114	44	42
15	17A31A0121	44	44
16	17A31A0136	44	43
17	17A31A0151	44	44
18	18A35A0112	44	44
19	17A31A0174	44	44
20	17A31A0181	44	44
21	18A35A0115	44	43
22	18A35A0116	44	42
23	18A35A0121	44	44

33	16A31A0189	44	43
32	16A31A0182	44	44
31	16A31A0173	44	44
30	16A31A0170 ·	44	44
29	17A35A0105	44	42
28	17A35A0104	44	44
27	17A35A0101	44	43
26	16A31A0140	44	44
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Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 1:	9-150	Do X	5170	DI: 3	4-1-70	D1:3	0- H)0	Dt: 3	-1-20	Dt: 1-	3.50	Dr: 3	-7-70
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
18A31A0103	P	P	A	P	P	P	P	P	P	P	A	P	P	P
18A31A0105	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	Р	P	P	P	P	P	P	P	P	P	P
18A31A0119	P	P	P	P	P	P	P	P	P	Р	P	P	P	P
18A31A0127	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	P	P	P	P	Р	P	P	P	P	P	P	P	P	P
19A35A0110	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0113	P	P	P	P	P	P	P	P	P	P	Р	P	P	A
18A31A0163	P	P	P	P	P	P	P	P	Р	P	Р	Р	P	P
18A31A0171	P	P	P	P	P	P	P	Р	P	Ρ	P	P	P	P
19A35A0118	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0121	P	P	P	P	P	P	Р	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	A	P	P	P	P	P	P
17A31A0151	P	P	P	Р	Р	P	P	P	P	P	P	P	P	P
18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0174	P	P	P	P	Р	P	P	P	P	P	P	P	P	P
17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P

18A35A0121	P	P	P	P	P	P	P	P	P	12	P	P	10	P
18A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16/31/0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0140	P	P	P	P	P	P	P	P	P	P	0	P	P	P
17A35A0101	P	P	P	A	P	P	Р	P	P	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	Р	P	D	D	P	P	P
17A35A0105	P	P	P	P	P	P	Р	P	P	0	D	D	P	P
16A31A0170	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0173	P	P	P	P	P	P	Р	P	P	P	P	- D	P	P
16A31A0182	P	P	D	P	Р	P	P	P	P	P	P	P	P	P
16A31A0189	P	P	Ρ	P	ρ	P	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Co-Ordinator

Resource Person



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Th 06652 - 252233, 252234, 252235, Fax 252232, Website www.jragatilac.in

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Jennabhormi Park Road Striege: Kahmada - 3 Ph. D884 - 7355600, Fee. 2353600 Dies 2-24-417 Orneyl Plane

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt:	4-2-70	Dt:	5-7-10	DI: 6	-J-Je	Dt: =	DI: マッフ		3-210	Dt: 1	0-5-10	DL: \	122
	15	16	12	18		20	21	22	25	24	25	26	27	28
18A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0105	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109		P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0119		P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0127	-	P	P	P	P	P	P	P	P	P		P	P	P
18A31A0134		A	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0110	P	P	P	P	P	P	Р	P	P	P	P	P	P	P
19A35A0I13	P	P	P	P	P	P	P	P	A	P	P	P	P	P
18A31A0163	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	Р	P	P	P	P	P	P
19A35A0118	P	P	P	A	P	P	P	P	P	P	P	P		P
9A35A0121	P	P	P	P	P	P	P	P	P	1	P	P	P	P
7A31A0114	P	P	P	P	P	A	P	P	P	P	P	P	P	-
7A31A0121	P	P	Р	P	P	D	P	P	P	,	P	P	P	AP
7A31A0136	P	P	P	P	P	p	P	P	P	P	P	P		P
7A31A0151	P	P	P	•	P	P	P	P	P	,	P	-	P	P
8A35A0112	P	P	P	-		P	P	P	P		P	P	P	-
7A31A0174	P	•	P	-	P	P	P	P	P	P	-	P	P	P
7A31A0181	P	P	P	•	P	P	P	P	P	D	P	P	P	P
8A35A0115	P		P		A	P	P	P	P	-	P	P	P	P
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18A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
16A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0140	P	P	P	P	P	P	P	9	P	P	P	P	P	P
17A35A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	P	P	P	P	A	Р	P	P	P	P	P
16A31A0170	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0173	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0182	P	P	P	P	P	P	P	P	P	Р	P	P	P	P
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17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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1 Orbits Faxe Journal Park Road Screege Reliable 3 In 1984 - 135960 Fax 2563601

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Du	7-7-70	Dt: [3-3-10	Dt: 1	4-1-10	Dt: 1	5-2-X	Dt (7-7-10	De y	B-7-10	De y	9-7-7
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18A31A0103	P	P	P	P	P	P	P	P	P	P		1 36	P	1.
18A31A0105	P	P	P	P	P	P	P	P	P	P	P	P		P
18A31A0109	P	P	P	P	P	P	P	P	-	P			P	P
18A31A0119	P	P	P	P	P	P	P	-	P	1	P	P	P	P
18A31A0127	P	P	P	P	P	•	P	P	-	P	P	P	P	P
18A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	A	P	P	P		1		P	P	P	P	P	P	P
19A35A0110	P	P	P	D	P	P	P	P	P	Р	P	P	P	P
19A35A0113	P	P			-	P	P	P	P	P	P	P	P	P
18A31A0163	P	P	P	P	P	P	P	P	P	A	Ρ	P	P	P
18A31A0171	P	'	-	P	P	P	P	P	P	P	P	P	P	P
19A35A0118		P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0121	P	P	P	P	P	^	P	P	P	P	P	P	P	P
17A31A0114	P	Р	P	P	P	P	Р	P	Р	P	P	P	P	P
17A31A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0136	Р	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0151	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0174	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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8A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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16A31A0140	P	P	P	P	P	P	P	P	P	P	P	D	P	0
17A35A0101	P	P	P	P	P	P	P	P	P	P	P	P	0	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P		D	P
17A35A0105	P	P	P	P	P	0	P	P	-	A	•	P	P	P
16A31A0170	P	P	P	P	P	0	P	P	P		P	P	P	P
16A31A0173	P	P	P	P	P	P	P	P	P	P	-	P	0	P
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17A35A0124	P	P	Р	P	P	P	P	·P	P	P	P	P	A	P

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Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 2	0.140	Dt:	Dr:		Dt:		Dt:		Dr:		De
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18A31A0103	P	P										1
18A31A0105	P	P										1
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18A31A0119	P	P								1		
18A31A0127	P	P									1	1
18A31A0134	P	P									1	1
18A31A0149	P	P		*						1	1	
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18A31A0163	A	P						1		_	+	
18A31A0171	P	P							1	1		1
19A35A0118	P	P								-	1	-
19A35A0121	P	P						1	1	+	-	1
17A31A0114	P	P						1	+	+	+	+
17A31A0121	Р	P						1		1	-	+
17A31A0136	P	P						1		+	+	-
17A31A0151	P	P							+	-	-	+
18A35A0112	P	P						-		-	-	+
17A31A0174	P	P						-	+	+	-	+
17A31A0181	P	P					-		-	-		-
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Resource Person



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Department of CIVIL Engineering

FEEDBACK FORM

DEPARTMENT

: CIVIL Engineering

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: A. Raviteja

TITLE OF TRAINING PROGRAM

: Introduction to envisonmental

Greomechanics

DATE/VENUE

: CF-3 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent	4 - Very Good	3 – Average	2 - Poor	1 – Avoid
1. Usefulnes	ss of topic	: 5		
2. Method o	f Delivery	: 4		
3. Related to	Subject	: 5		
4. Is the topi	c useful for career	: 5		
5. Suggestion	n if any	:		

Signature/ Name of the Student (Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT

: Civil Engineering

ACADEMIC YEAR

: 1019 - 2020

NAME OF THE SPEAKER

: A. Ravileja

TITLE OF TRAINING PROGRAM

: Introduction to environmental

Geo mechanics

DATE/VENUE

: CF-3. 29/01/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avold

Usefulness of topic

: .5

Method of Delivery

: 4

3. Related to Subject

: 5

4. Is the topic useful for career

: 5

5. Suggestion if any

Signature/ Name of the Student (Ontional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT

: cruit Engreening

ACADEMIC YEAR

NAME OF THE SPEAKER

TITLE OF TRAINING PROGRAM

: 2019-2020 : A-Rausteja : Introduction to Environmental Geomecharics.

DATE/VENUE

: CF-3 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

: 5

2. Method of Delivery

: 4

3. Related to Subject

: 5

4. Is the topic useful for career

: 5

5. Suggestion if any

Signature/ Name of the Student (Optional)

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(AUTONOMOUS)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2019-2020

NAME OF THE SPEAKER

: A. Raviteja

TITLE OF TRAINING PROGRAM

: Introduction to Environmental

Geo- mechanics

DATE/VENUE

: CF-3, 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent 4 - Very Good

3 - Average

2 - Poor

1-Avoid

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: 5

Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature ame of the Student

(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/2/2020

DEPARTMENT

ACADEMIC YEAR

NAME OF THE SPEAKER

TITLE OF TRAINING PROGRAM

: 20A-20 : A-Raniteja : Introduction to environmental Geomechanics

DATE/VENUE

: CF-3 ; 27/1/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3-Average

2 - Poor

1-Avoid

1. Usefulness of topic

Method of Delivery

3. Related to Subject

4. Is the topic useful for career

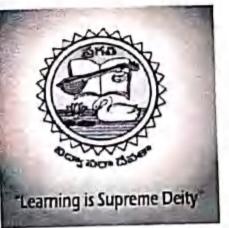
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Signature/ Name of the Student (Optional)

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DEPARTMENT OF CIVIL ENGINEERING
This certificate is presented to:

KUKKALA RAJU

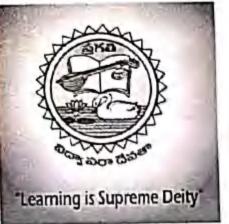
For participating in the Workshop of "Introduction to Environmental Geomechanics" on 20/01/2020

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This certificate is presented to:

KUNA SAI SWAROOP

For participating in the Workshop of "Introduction to Environmental Geomechanics" on 20/01/2020

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Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

B-mail:

Place:

Date:

Signature of the applicant

(Signature of the organization head with Seal) |Photocopy of the Registration form may also be used for additional Registration|

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PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E. G. District, A.P. - 533437 (Approved by AICTE & Permanently affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' grade)



A FOLK-WEEK I ALLE ADDED PROGRAM

ON MATTAB & SIMPLISH FOR ELECTRICAL ENGINEERS

(November 15th 2019 to March 14th, 2020)



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

About the College

Pragati Engineering College (Autonomous) is established in the year 2001, by M/S Gayatri Educational Society in Surampatem, E. G. Dist, A.P. The Institution is accredited by NAAC with 'A' grade in the year 2015 and attuined the Autonomous status in the year 2016. Pragati has been graded as gold in the AICTE Survey of Industries linked technical institutions-2016.

It is rated 'A' grade by knowledgemission, Government of India. Pragati has been designated as Center of Excellence [Knowledge Exchange Center] by M/S Infoxys Ltd. College attained for AAA rating for the year 2020 by Careers 360 and has been ranked one among the top 10 colleges in A.P. by Silicon India. Three Departments of ME, CSE and ECE are recognized as Research Centres. The institution stood 21" Position and also considered as active local chapter by SWAYAM-NPTEL.

PRAGATIENGINEERING COLLEGE focuses on imparting skills on cutting — edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as it enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training to soft skills. Since

inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

About the Department

The department of EEE is offering one UG program B.Tech EEE, one PG Program-MTECH (Power Electronics and Electric Drives). The department is recognized as Research Center by JNTUK, Kakinada.

The Electrical and Electronics Engineering department of this college is started with the objective of giving best "Technical Education" to uspire Electrical Engineers. This department provides an environment where young minds can grow to their full potential and become strong, principled and committed citizens of the country.

This department faculty consists of experienced. Professors, qualified & dedicated Associate Professors and young & dynamic Assistant Professors who work with commitment to give their best to the young Engineers.

Reserved Person Dr. G. Naresh Professor, F.E.L. Pragati Engineering College

Briggiam Cib ertites

- > To know about mathematical functions
- To have an adequate knowledge on Array operations and linear equations

Lupicy Covered.

- Desktop tools
- · Basic Plotting
- Animations
- · Working with matrices
- Array operations and linear equations

Program Milleria.

- Students will acquire extensive knowledge about Array operations and linear equations in MATLAB
- Students will understand the mathematical functions in MATLAB



ADB Road Susampalem E G Dr. A P

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(Recognized by UG Under Sections 20 and 12 (B) of UGC act 1956)
Ph 088-2 5-2-14-14 Website www.pragan.ac.in

Department of Electrical and Electronics Engineering

Date: 12/11/2019

CIRCULAR

It is hereby informed to all the students of Electrical and Electronics Engineering that "A Four-Week Value added Program on MATLAB and Simulink for Electrical Engineers" is going to be conducted from 15/11/2019 to 14/03/2020. All the interested students are requested to register their names in the department office on or before 14/11/2019. The details of the program will be available in the brochure.

Venue: Room No: G-9-(Ground floor), Main block

Copy to:

1. Principal Office

2. All Dept HOD's

3. Dept Notice Board

HOD-EEE



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(Approved to State Programment Authorized Politic Relationship According to Relationship Relationship

Date: 12/11/2019

Week/Day-wise Schedule

Name of the Program: "A Four-Week Value added program on Program on MATLAB and Simulink for Electrical Engineers"

S.No	Day	Date	Topics to be covered
1. '	Friday	15/11/2019	MATLAB desktop
2.	Saturday	16/11/2019	Desktop tools
3	Friday	22/11/2019	Basic Plotting
4.	Saturday	23/11/2019	Animations
5.	Friday	29/11/2019	Working with matrices
6.	Saturday	30/11/2019	'Array operations and linear equations
7.	Friday	06/12/2019	Introduction to Programming in MATLAB
8.	Saturday	07/12/2019	Excercises
9.	Friday	13/12/2019	M file scripts
10.	Saturday	14/12/2019	M-file functions
11.	Friday	20/12/2019	Input/output commands
2,	Friday	27/12/2019	Excercises
13.	Saturday	28/12/2019	Control flow and operations
4.	Friday	03/01/2020	Relational and logical operators
5	Saturday	04/01/2020	Operator precedence
6	Friday	31/01/2020	Saving output to a file
7	Saturday	01/02/2020	Excercises
8	Friday	07/02/2020	Debugging M files
9.	Saturday	08/02/2020	Debugging Process
20	Friday	14/02/2020	Preparing for debugging
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21,	Saturday	15/02/2020	Setting breakpoints
22	Friday	21/02/2020	Running with breakpoints
23	Saturday	22/02/2020	Examining values
24	Saturday	29/02/2020	Correcting and ending debugging
25	Friday	06/03/2020	Ending debugging
26	Saturday	07/03/2020	Correcting an M-file
27	Friday	13/03/2020	Correcting an M-file
28	Saturday	14/03/2020	Conclusion

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Program Coordinator

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Ph (08852) 252233, 34 Fax: (08852) 252232 W: www.pragati.ac.in
City Office: D.No. 2, 24-4/2, Ground Floor, Januarhhoomi Park Road, Srinagar, Kakinada

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE.

ADD ON COURSE ON MATLAB and Simulink For Electrical Engineers ACADEMIC YEAR: 2019-2020 / II SEMESTER

Dr.G.Naresh

		III YEAR - A SECTION	
S.No.	Roll No.	Student Name	Signature
1	17A31A0204	Kakarlapudi Snigdha	K-Snigdha
2	17A31A0205	Kantipudi Sirisha	K. Sirisha
3	17A31A0206	Kukkala Ramya	K. Ramya
4	17A31A0213	Peddinti V L Sai Sruthi	P. Sruthi
5	17A31A0214	Sathi Keerthi Priyanka	8. Dvidanta
6	17A31A0215	Sorapalli Naga Sri Hari Priya	S. Priya.
7	17A31A0216	Sula Sita Maha Lakshmi	S. Larshmi
8	17A31A0217	Utukuri Mounika	U. Mounika.
9	17A31A0218	Vakkalanka Srisurya Venkata Phanisahitya	V. Phani sahityo
10	17A31A0219	Vanaparthi Pratyusha	V. Protyusky
11	17A31A0220	Vennapu Satyavathi	V. Satyavathi
12	17A31A0225	Cheekatla Sai Manikumar	c. Manikumar
13	17A31A0226	Cheerla Sai Sandeep	C. Sandep
14	17A31A0227	Chundru Venkata Srinivas	C. Scinivas
15	17A31A0234	Kanthamreddy Uma Sai	K. Uma Bai
16	17A31A0235	Konala Raja	K. Paula
1.7	17A31A0236	Lakkavarapu Lokabhiram	1. Lokabhiran
18	18A35A0204	Bonthu Pradeep Kumar	B-Prader
19	18A35A0205	Chitikela Venkata Durga Krishna Vamsi	c. Vamil
20	18A35A0207	Kasi Rama Krishna	K. Krishna
21	18A35A0208	Komarada Sai Manikanta	K · Manikanta
		III YEAR - B SECTION	- FRIER FEIRIA
22	17A31A0262	Garapati Lakshmi Samyuktha	By Samyuktha
23	17A31A0263	Kandavalli Rishitha	K. Rishithon
24	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	M. prat yousta
25	17A31A0265	Mudududdi Yamini Satya Sri	M. Hamini
26	17A31A0266	Nelapudi Mounika Sri	N. Mounita
27	17A31A0271	Rampa Shalini	K. Shawni
28	17A31A0272	Shaik Khamur Unnisa	S. unnisa
29	17A31A0273	Susarla Padma Manaswini	S. Manacwini

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City Office: D.No: 2-24-4/2, Ground Floor, Januabhoomi Park Road, Srinagar, Kakinada

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

30	17A31A0274	Tushara Mantripragada	M. Tushara
31	17A31A0275	Vodugu Manaswi	V. Moroswi
32	17A31A0276	Yalla Sai Ram Akhila	
33	17A31A0282	Damodhara Naveen	y. akhila.
34	17A31A0283	Geesala Vijay Kumar	GI. VISO Y
35	17A31A0284	Gode Sai Krishna	Cy. Sai Krishn
36	17A31A0285	Guntuku Gopi Sri Sai Sidhardha	OH · Sidkardka
37	17A31A0286	Joga Veera Sri Nanda	JVS Nanda
38	17A31A0287	Kakarapalli Satyanandham	
39	18A35A0218	Chitikina Gowrinath	K. Satyanandko
40	18A35A0219	Kalla Sunil	C. Orbuninath.
41	18A35A0220	Katta Manoj Kumar	K.Sunil
42	18A35A0221	Namballa Tarun Kumar	K. Manou
43	18A35A0222	Nimmalapudi Jagadish Sai Kumar	M. Tarus
44	18A35A0223	Nurukurthi Rajesh	M. Jagadish
45	18A35A0224	Rachapalli Adarsh	N. R.S. Jesh

Add on course Coordinator

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PRACATI L. GINEERING COLLEGE (A) .. SURAMPALEM

ACADEMIC VEAR : 2019-2020 / II NEMESTER

DEPT. OF ELECTRICAL & ELECTRONIC'S ENGINEERING.

	III-YEAR: A	& B SECTION	1	7	3	4	5.	6	7	8	9	10	111	12	13	14	15	16	17	14	19	50	21	17	73	74	19	-26	-21	28
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	17A31A0204	Sakar apvol Snigdha	1	P			P	P	D	P	p	D	P	D	P	P	P	P	P	D	P	p	E	D	P	D	P	Q.	P	p
	17A31A0205	Kantipudi Siraha	P	P	P	P	P	P	p	P	P	P	p	p	P	P	P	p	P	n	P	P	P	P	D.	P	P	E	P.	10
	17A31A0206	Kukkala Ramiu	0	1	D	P	D	D	D	P	P	P	Þ	6	0	-	P	P	D	P	P	P	P	P	D	P	P	P	P	P
	7AJ1A0213	Peddint V L Sai South	P	P	P	P	D	P	P	P	P	P	P	P	P	P	p.	P	P	P	P	P	D	P	7	D	P	b	D	8
	17A11A0214	Sathi Keerthi Friyanku	P	P	P	P	P	P	D	P	D	P	D	P	P	P	P		P	P	0	P	D	P	P	7	D	Ó	0	P
1	2150V [EV.]	Sorapalli Naga Sri Hari Priva	P	P	P	P	P	P		P	P	P	p	P	P	p	P	P	P	a	P	P	P	P	P	P	P	P	P	P
	17A31A0216	Sule Site Mater Lakstmi	10	_	D	P	p	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	D	P	0	P	V
	17A31A0217	Utukuri Mnunika	P	1.		P	-	P	P	o	P	P	p	P	P	P	P	P	P	P	A	0	P	0	P	P	0	P	6	P
	17A31A0218	Vakkalanka Srisurya Venkara Phanisahiliya	p	P	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	D	P	P	P
ir i	17A31A0219	Varuparthi Protyushu	P	P	P	P	p	P	P	P	P	p.	A	p	D	P	Di	P	P	D	0	P	Ø	P	8	P	P	F	D	10
	17A11A0220	Vennapu Salyavalhii				D	D	D	0	-	p	P	p	p	p	0	0	P	P	C	O	D	D	P	P.	P	0	D	9	è
2 7	17A31A0225	Cheekatia Sai Manillumor		P				b	0	P	P	p	D	P	P	0	p	6	P	E	A	P	D	P	P	D	D	0		ø
3	17A31A0226	Cherria Sui Sanderg			P	P	D	P	P	P	1	P	P	P	P	0	p	P	P	A	D	-	D	p	Ď-	D	-	G	2	0
1	17A31A0227	Chundru Venkata Sriniyas	_	_	P	P	j	p		H	P	P	D	B	P	P	P	P	P	P	p	P	P	P	P	P	2	0	P	p
5	17A31A0234	Kanthamroddy Uma Sai	1	1	1	#	D	F	P	p	Α	p	,D	12	P	P	12	10	P		F	Æ.	7	150	P	P	F	Sp	36	c
5	17A31A0235	Kunala Raja	P	P	P	7	P	P	2	D	p	P	P	FI	P	P	F	PI	P	f	P	a	F	P	P	P	P	£	P	P
7	17A31A0236	Lakkavarapu Lokabhitam	7	Þ	,0	P		1	_	2	p	P	p	Þ	_	P	P	-		D		P	10	B	P	P	P	P	100	F
,	18A35A0204	Borday Pradesp Numer			P	P	12	p	P	P	p	10	P	P		P	P		P	1	P	0	327	D		,0	, El	D	1/2	7
2.	[8A35A020]	Chitikela Venkata Durga Kalahna Varnai	0	2	P	p	p	P	D	F	P	P	P	P	Þ	P	P	-	P	Þ	P	10	P	P		P	1	P	F	A
1	18A35A0207	Kasi Rama Krishna	P	Þ	,e	P	10	P	ж	7	F	À	p	,6	Þ	P	p.	P	P	.00	P	10	,o	D		P	1-2	8	1	15
1	18A35A0208	Komerada Sal Manikanta	14	7	2	P	P	P	-	19	_	P	P	P	P	-	-	_	p	P	F	P	P	P	p	p	12	P	-	10
2.	17A37A0261	Garagoti Lassinni Samyuktha	A	g	F	p	P	P	P	Þ	ø	P	P	p	Þ	P	ħ	z	P	A	E	p	a	-	A		to	-	P	, in
1	17A31A0263	Kandavalli Rishida	7	R	P	P	P	£	P	ρ	P	7	1	10	P	p	Ó	p	201	9	-	P	P		P	P	p	P	10	P
	17A31A0261	Medisetty Ventrala Sai Eri Pratyushu	P	F	7	P	P	P	9	P	F	F	Þ	P		P	p	z	Þ	6	P	p	Á	0	Jez Jez	a	p	FE	A	8
5	74.17A0285	Mildududdi Yamini Saya	1	þ	P	A	P	p	P	P	P	P	P	1=	a	Z	1	F	P	P	P	C	S	- F.		PRI			s∕∂.	VE



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	HEYEAR A	& B SECTION	1	2	3	4	5.	1	7	8	9.	10	11	12	12	14	15	16	17	A.B.	19	20	25	22	23	24	25	26	-27	28
	Rell No.	Exudent Nume																				-				-				
	17A31A0266	. Neiayudi Moumha Sri	P	ø	D	P	D	p	0	D	D	D	Þ	0	A	D	0	D	1	0	d	04.	2	0	0		0_	6	0	0
27	17A31A0Z71	Rampa Shalmi	D	A	10	0	0	P	P	10	A	A	ø.	0	D	0	0	,0		Δ	0	0	0	0	P		P	A	P	10
28	17A31A0272	Shaik Khamur Unnisa	P	D	P	-			-	P	P	A	10	A	b	P	P	P		P	0	0	,a	0	0	1	A	0	0	-
29	17A31A0273	Susuria Padme Manaswini	7-	P	+==	P		P	P		p	_	p	P	P	P	-	P	La Co	P	0		O	p	P	P	P	D	p	0
30	.17A31A0274	Tushara Mantripragada	P	P	P	P	P	P	ρ	A	Α	P	P	P	P	A	P	P	P	0	Д	A	10	,0	0	P	10	0	Ø	D
31	17A31A0275	Vodugu Mnnaswi	P	D	P	1		_	-	P	P	D	P	20	10	0	P	10	0	12	20	0	2	100	10	-	-	2	10	5
32	17A31A0276	Yalla Sel Ram Akhits	P			P	A	-	P	-	2	10	100	P	n	P	0	0	P	2	25	-	P	10	P	9	P	E	-	0
33	17A31A0282	Damodhara Naveon	10	0	P	P	16	p	P	P	P	P	D	15	-0	1.0	P	P		P	P	P	1	6	p.	-	1	-	D	-
34	17A31A0283	Goesala Vijay Kumur	12	T/s	6	P		p	-	-	10	· D	-	15	12	0	P	P		P	0	10	p	0	10	-	25	100	-	D
35	17A31A0284	Gode Sal Krishna	P	0.7	1	P	5	10	P	P	P	13	15	A	P	P	P	10	P	p	25	P	P	1	13	-	6	100	100	23
36	17A31A0285	Guntuku Gopi Sri Sai Sidhardha	- 1	P	P	15	P	13	p	P	P	P	,6	P	13	1	D	P	10	P	اعر		D	-	p	P	0	A	a	B
37	17A31A0286	Juga Veera Sri Nanda	12	19	P	7	Þ	D	P	P	p	A	D	p	p	P	D	D	P	اهر	p	D	a	P	15	0	0	-01	-	0
36	17A31A0287	Kakatapathi Satyananchami	P	-	-	1	P	p.	-	-	p	p	P	p	p	p	P	a	P	P	P	P	a	,	p	10	P	E	B	150
39	18A35A0218	Chitikina Gowringth	p	P	D	P	P	P	D	P	p	P	p	20	12	P	P	P	de	10	P	19	P	D	P	12	10	,io	D	P
40	18A35A0219	Kalle Sunit	D	E	P	P		D	P	D	D	P	P	0	p	10	P	10	0	D	0	0	D	D	P	D	D	20	n	D
41	18A35A9220	Kates Manoj Kumar		P	13	p	D	p	p	P	P	D	P	0	P	D	P	0	P	b	P	D	0	P		0	5	6	D	6
42	18A35A0221	Nembalia Tarun Kumar	P	P	D	0	100	P	P	\sim	-	4	D	P	P	P	D	Ď	D	P	P	P	0	D	2	0	5	a	5	D
43	18A35A0222	Nicernalspudi Jagadish Sal Kumar	P	p	P	P	P	P	P	p	P	0	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	0
44	18A35A0223	Nurukurthi Rajesh	10	p	P	D	D	P	Ø	P	P	P	P	P	D	P	P	P	0	P	P	P	0	P	P	b	P	P	D	2
4.5	18A35A0224	Rachapalli Adarsh	P	P	p	P	P	p	P	D I	P	P	D	P	D	17	P	P	D	tr	17		6	153	D	7	7	0	12	0

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Ph: 08852 - 252233, 34 Website: www.pragati.ac.in.

Feedback form

Date: 14 | 3 | 2020

Department

: Electrical & Electronia Engineering

Academic Year

: 2019-20

Name of the Speaker

: Dr. O. Noush

Title of the Program

: MOTELAB& smulink for Electrical Engineer

Duration

: 15/11/2019 to 14/3/2020

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

: 4

2. Method of Delivery

5

3. Related to Subject

. 5

4. Is the Topic useful for career:

Yes/No

5. Suggestions if any

: Nice program.

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Ph. 08R52 - 257231, 34. Website: www.pragati.ac.in

Feedback form

Date: 14/3/2020

Department

: Electrical & Electronics Engg

Academic Year

: 2019-20

Name of the Speaker

: Dr. G. Navesh

Title of the Program

: MATLAB & simulink for Electrical Engineers

Duration

: 15/11/2019 to 14/3/2020

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

2. Method of Delivery

3. Related to Subject

Is the Topic useful for career: Yes/No

Suggestions if any

: Good Program

PRAGATI ENGINEERING COLLEGE

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Date: 17/03/2020

PROGRAM REPORT

Name of the Program

: "A Four-Week Value added Program on MATLAB and

Simulink for Electrical Engineers"

Date/Duration

: November 15th 2019 to March 14th, 2020, 28 days

Resource Person

: Dr.G. Naresh

Professor, EEE, Pragati Engineering College

E-Mail ID: naresh.g@pragati.ac.in. Cell: 9849898440

Program Objective

To know about mathematical functions

To have an adequate knowledge on Array operations and linear

equations

Topics Covered

: The following topics are covered

Desktop tools

Basic Plotting

Animations

· Working with matrices

Array operations and linear equations

Program Outcome:

> Students will acquire extensive knowledge about Array

operations and linear equations in MATLAB

> Students will understand the mathematical functions in

MATLAB

Name of the Coordinator: Mrs. K. SandhyaRani, Assistant Professor, EEE.

No of the Participants

Program Coordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 439



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

A Four Week Value added Program on MATLAB and Simulink for Electrical Engineers - Certificate of Participation -

This is to certify that Mr./Ms. has participated in a Four Week Value added Program on "MATLAB and Simulink for Electrical Engineers" organized by Department of Electrical and Electronics Engineering from 15/11/2019 to 14/03/2020

Coordinator

HoD - EEE

Principal PAL OLLEGE

DEST PARTON PARTON STRAMPALEM

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PRAGATI ENGINEERING COLLEGE TAUTONOMOUS

A Four Week Value added Program on MATLAB and Simulink for Electrical Engineers - Certificate of Participation -

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HoD - EEF

PRAGATTENGINEERING COLLEGE

(AUTONOMOUS) . . . # 1-378, ADB ROAD, SURAMPALEM Near Feduapuram, E.G.Dt. (AP)-533 437

PROGRAM

ON INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

PROXILENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

Resail:

Place:

Date:

Signature of the applicant

(Signature of the organization head with Seal)
|Photocopy of the Registration form may also be used for additional Registration|

ORGANISING COMMITTEE

Or. P. Krishna Rao Chairman

Patrons

Sri. M. V. Haranatha Babu, Director (Management) Sri. M. Satish, Vice President Dr. S. Sambhu Prasad, Principal

Convener

Dr. K. Satyannarayana Head of the Department, EEE.

Coordinator

Mrs. K. Sandhya Rani Assistant Professor, EEE.

For any enquiry contact:

Mobile No:79531674

E-mail: hodece@pragati.ac.in

PRAGATI ENGINEERING COLLEGE

(Automotion us)

ADB Road, Surampalem, E. G. District, A.P. - 533437 (Approved by AlCTE & Permanently affiliated to JNTUK. Kakinada & Accredited by NAAC with 'A' grade)



A FOUR-WEER VALUE ADDED PROGRAM

ON

INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

(June 21st to October 5th 2019)



Organized bancipal
Department MERGERING COLLEGE
(AUTONOMOUS)

1-778, ADB ROAD, SURAMPALEM



About life t offers

Pragati Engineering College (Autonomous) is established in the year 2001, by M/S Gayatri Educational Society in Surampalem, E. G. Dist, A.P. The Institution is accredited by NAAC with 'A' grade in the year 2015 and attained the Autonomous status in the year 2016. Pragati has been graded as gold in the AICTE Survey of Industries tinked technical institutious-2016.

It is rated 'A' grade by knowledge mission. Government of India. Pragati has been designated as Center of Excellence [Knowledge Exchange Center] by M/S Infosys Ltd. has been ranked one among the top 10 colleges in A.P. by Silicon India. Three Departments of ME, CSE and ECE are recognized as Research Centres. The institution stood 21st Position and also considered as active local chapter by SWAYAM-NPTEL.

PRAGATI ENGINEERING COLLEGE focuses on imparting skills on cutting – edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as to enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. Since

inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

About the Department

The department of EEE is offering one UG program B.Tech EEE, one PG Program-MTECH (Power Electronics and Electric Drives). The department is recognized as Research Center by JNTUK, Kakinada.

The Electrical and Electronics Engineering department of this college is started with the objective of giving best "Technical Education" to aspire Electrical Engineers. This department provides an environment where young minds can grow to their full potential and become strong, principled and committed citizens of the country.

This department faculty consists of experienced Professors, qualified & dedicated Associate Professors and young & dynamic Assistant Professors who work with commitment to give their best to the young Engineers.

Screen - Person

Dr. R. Sattern Kinner Professor, E.F.D. Prugati Engineering College

Program (m. man-

- To know about mathematical functions
- To have an adequate knowledge on Array operations and linear equations

Laples Limited

- Desktop tools
- Basic Plotting
- Animations
- Working with matrices
- Array operations and linear equations

Program Hair nec-

- Students will acquire extensive knowledge about Array operations and linear equations in MATLAB
- Students will understand the mathematical functions in MATLAB



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Department of Electrical and Electronics Engineering

Date: 17/06/2019

CIRCULAR

It is hereby informed to all the students of Electrical and Electronics Engineering that "A Four-Week Value added Program on Introduction to MATLAB for Engineering Students" is going to be conducted from 21/06/2019 to 05/10/2019. All the interested students are requested to register their names in the department office on or before 20/06/2019. The details of the program will be available in the brochure.

Venue: Room No: G-9, Main block

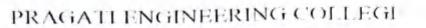
HOD -EEE

Copy to:

- Principal Office
- 2. All Dept HOD's
- Dept Notice Board

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(Autostomicus)

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Date: 17/06/2019

Week/Day-wise Schedule

Name of the Program: "A Four-Week Value added Program on Introduction to MATLAB for Engineering Students"

S.No	Day	Date	Topics to be covered
1.	Friday	21/06/2019	MATLAB desktop
2.	Saturday	22/06/2019	Desktop tools
3.	Friday	28/06/2019	Basic Plotting
4.	Saturday	29/06/2019	Animations
5.	Friday	05/07/2019	Working with matrices
,6.	Saturday	06/07/2019	Array operations and linear equations
7.	Friday	12/07/2019	Introduction to Programming in MATLAB
8.	Saturday	13/07/2019	Excercises
9.	Friday	19/07/2019	M file scripts
10.	Friday	26/07/2019	M-file functions
11.	Saturday	27/07/2019	. Input/output commands
12.	Friday	02/08/2019	Excercises
13.	Saturday	03/08/2019	Control flow and operations
14.	Friday	09/08/2019	Relational and logical operators
15.	Saturday	10/08/2019	Operator precedence
16.	Friday	23/08/2019	Saving output to a file
17.	Friday	30/08/2019	Excercises
18.	Saturday	31/08/2019	Debugging M files
19.	Friday	06/09/2019	Debugging Process
20.	Saturday	07/09/2019	Preparing for debugging
21.	Triday	13/09/2019	Setting breakpoints
22.	Saturday	14/09/2019	Running with breakpoints PRINCIPAL PRAGATI ENGINEERING CO

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Near Peddapuram, E.G.Dt. (AP)-533 437

23.	Friday	20/09/2019	Examining values
24.	Saturday	21/09/2019	Correcting and ending debugging
25.	Friday	27/09/2019	Ending debugging
26.	Saturday	28/09/2019	Correcting an M-file
27.	Friday	04/10/2019	Correcting an M-file
28.	Saturday	05/10/2019	Conclusion

Program Coordinator

4

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Near Peddapuram, E.G.Dt. (AP)-533-437



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1-378, ADB Road, Surampaleru, E.G. District, A.P.-533 437
Ph (08852) 252233, 34 Fax. (08852) 252232 W: www.pragati.ac.in
City Office, D.No. 2 24-4/2, Ground Floor, Januaubhoomi Park Road, Srinagar, Kakinada.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE

ADD ON COURSE Introduction to MATLAB for Engineering Students ACADEMIC YEAR; 2019-2020 / I SEMESTER

Dr.R.SathishKumar

S.No.	Roll No.	Student Name	Signature
1	17A31A0201	Boddeti Priyanka	B. Privanka
2	17A31A0202	Immandi Sindhu	I-Sindba
3	17A31A0203	Jyothula Rama Lakshmi	J. R. Lakyhm
4	17A31A0207	Magapu Vidya	M. Vidya
5	17A31A0208	Mavireddy Vijaya Lakshmi	M. Vijayalakahmi
6	17A31A0210	Moparthi Sruti	M. Sruti
7	17A31A0211	Mutya Sai Srikari	M. Sai Strkadi
8	17A31A0212	Nallamilli Sushmareddy	N. Shuthama
9	17A31A0224	Burra Surya Sai Raja	B. Susua bailaja
10	17A31A0233	K Kanishka Chowdary	14. Kanish Kachautory
11	17A31A0238	Mallireddy Sai Surya Sankar Sandeep	M.S.S.S. Sardeep
12	17A31A0239	Manukonda Govardhan Reddy	M. G. Reddy
13	17A31A0246	Sanipilli Sai Satish	S.S. Satish
14	17A31A0251	Tummalapalli Kiran Teja	T. Kiyan Tela
15	17A31A0252	Vadakattu Sai Nandan Varshith	V.S. N. Voorshift
16	17A31A0258	Yedidhi Srinivas Manohar	4. S. Handhan
17	18A35A0201	Chekuri Dharani Chowdary	C.D. chowwy-
18	18A35A0202	Gandharapu Vishali	G. Vishali
19	18A35A0210	Kurapati Sai Karthik	K. Sai Kanthok
20	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	P.S.R.S. Hopers
		III YEAR - B SECTION	
21	17A31A0259	Balireddy Kalyani	B. Kalyani
22	17A31A0260	Bethina Vaishnavi Devi	B. Voistrawi Devi
23	17A31A0261	Boddapati Lakshmi Tanmai	B. Lakelmi Tammai
24	17A31A0267	Paruchuri Yoga Bhavishya	P. Yoga Bharrishay
25	17A31A0268	Pasupuleti Venkata Sai Nikitha	P. V. Sai Nikhita
26	17A31A0269	Perla Amulya	Perla Amalya
27	17A31A0270	Peta Sai Venkata Lakshmi Suneetha	P.S.V.L. Sweetha
28	17A31A0278	Ayithireddy Bilva Naga Vecra Vara Prasad	A.B.N.V.V.Prosed.
29	17A31A0279	Boddu Pavan Teja	a Pavan Toja

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Ph: (08852) 252233, 34 Fax: (08852) 252232 W: www.pragati.ac.in
City Office: D.No: 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

30	17A31A0288	Karri Anil Reddy	K. Anil Reddy
31	17A31A0289	Kommu Sriram Datta	K. Swam Data
32	17A31A0294	Kutha Vishal Reddy	K. Vistal Redy
33	17A31A0295	Lagudu Mani Kumar	L. Mani kuroo
34	17A31A02A5	Prodduturi Raghavendra	P. tachavendoa
35	17A31A02B0	Sesetti Mehar Aditya	S. M. Adilya
36	17A31A02B8	Vikash Choudhary	V. choudhary
37	18A35A0214	Maganti Padma Sai Bhavani	M. P. S. Braunoi
38	18A35A0215	Tatipudi Naga Sai Amrutha	T. N.S. Amautra
39	18A35A0217	Vuyyurie Chiranjeevi	Vichiranjeevi
40	18A35A0225	Sarakanam Trinadh	S. Trinada

Add on course Coordinator

HOD THE

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PRAGATI EASINEERING COLLEGE (A) :: SURAMPALEM

ACADEMIC YEAR: 2019-2020 / I SEMESTER

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD ON COURSE Introduction to MATLAB for Engineering Students

	III YEAR -	A & B SECTION	1	2	3	4	5.	6	7	8	9	10	11	12	13	14	15	25	17	18	19	20	21	22	73	36	12	76	21	28
5.7m	Ball No.	Student Name	WIL	mk	21/6	mk	3/2	6/2	12/7	15/3	4/2	16/	20/2	2/2	1/8	915	In F	25/1	-1/5	2/5	49	414	12/4	He le	241	21.83	534	100	2.4	10/7
1	17A31A0201	Boddeti Priyanka	P		F	P	P	F	P	D	P	p	P	P	P	P	P	P	P	P	P	12	P	P	P	P	7	P	1	P
2	17 A31 A0202	Immandi Sindhu	T	P	F	P	P	p	P	p	Þ	P	F	P	1 2	D	P	P	P	2	1	1 5	F	P	£	1	1	F	1	1
3	17A57A0203	Nothula Rama Lakshmi	F	7	P	P	p	P	P	p	p	P	P	P	P	0	P	P	P	P	P	P	F	P	1	P	9	E.	- 1	P
4	TASI AREST	Magapu Vldys	P	P	p	9	p	P	P	P	p	P	P	F	p	P	7	P	F	12	P	P	2	8	F	F	1	1	2	P
5	17A21A0205	Maxireddy Vijaya Lakshmi	P	F	P	P	p	P	p	P	P	1	P	P	P	P	P	P	P	A	p	P	P	1	P	F	F	e	F	A
-6	TA31A0210	Moparthi Sruti	P	P	p	f	P	p	12	P	P	P	P	P	P	P	P	6	ř	P	P	F	12	E	2	1	75	5	1	× .
7.1	DASSAGEL	Musya Sai Srikari	D	P	P	P	0	1.5	P	P	p	p	P	P	7	P	7	P	P	P	P	P	P	F	P	P	7	6	2	100
H	14 15 IA0212	Nallamilli Sushmareddy	D	P	P	P	1	P	P	P	7	P	P	p	F	P	P	P	P	7	p	P	P	19	B	1	E	8	-6	P
152	TABLACTES	Burra Surya Sai Raja	p	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	a	1	1	P	F	1	-2	12	,
-16	(TAS1A0235	K Kanishka Chowdury	P	P	P	P	p	P	P	P	F	P	P	P	P	19	P	P	P	P	P	P	1	P	7	P	17	10	-	2
13 1	17431A0258	Mailireddy Sul Surya Sankar Sandoep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	1	P	F	*	F	P
12	17/03/40239	Manukonda Goverdian Redoj	P	p	P	p	P	Þ	P	P	P	· C ·	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	2	P	4
1.3	TA3 A0246	Sanipilli Sai Satish	p	P	P	p	P	P	P	P	P	1.	P	p	P	P	P	P	10	P	1	p	P	8	16	P	1		2	-
1-1	17A5 (A025)	Tummilapalli Klean Teja	-P	P	P	P	р	P	尹	P	6	F	P	P	P	P	F	P	P	P	E	P	1	1	P	8	5	0	F	£
15	17A31A0252	Vadakettu Sai Nanden Varshith	P	p	P	p	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	1	P	P	P	1	P	F	4	-
16	7A31A0258	Yedidai Srinivas Marinhar	P	P	P	P	4	P	P	P	P	P	₽	P	P	P	P	P	P	P	P	P	7	P	P	5	-	100	di,	2
17	18A35AC201	Chexuri Dharani Chowdary	12	P	P	P	7	P	P	P	P	P	P	P	P	P	to	0-	P	P	F	P	P	1	P	r	P	F	.,0	E
18.	18A35A0202	Gandharapu Viahali	4	7"	P	P	P	P	P	P	P		P	P	P	P	P	F	\mathcal{E}	P	P	P	1	J.	12	P	F	30	D	P
19	18A35A0210 .	Kurapeti Sai Karthik	P	P	P	P	P	P	P	r	P	P	P	P	P	P	P	P	P	P	P	P	1	P	10	P	P	P	F	1
20	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	P	P	P	P	f	P	P	P	P	P	P	P	P	P	P	1	P	1	P	7	p.	P	à	p	Ė	P	P	P
31	17A31A0259	Balireddy Kalyani	P	P	E	P	P	r	10	P	7	P	8	1	P	P	P	F	1	F	1	P	P	1	$-F_{i}$	8	8	P	12	jā)
22	17A31A0260	Bethina Valshnavi Devi	1	P	6	\overline{p}	F	p	P	P	P	P	P	P	F	P	Þ	P	P	P	F	P	B	P	P	E	8	P	P	19
23.	17A31A0261	Boddepst) Laksimi Tanmal	7	P	P	P	P	P	P	F	P	P	8	2	P	1	P	P	F	P	7	P	7	P	E	-67	+	.0	7	P
24	17A31A0267	Paruchuri Yoga Bhavishya	10	F	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	T	P	P	P	P	P	P	P	1	P	P
25	IZA3 LAGZEN	Pasupuleri Venkata Sai Nikitha	P	P	P	P	P	F	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	0	1

1	III YEAR -	A & B SECTION	1	2	3	4	ď	i.	7	8	9	10	11	12	13	.14	15	16	1,0	18	19	20.	21	-22	23	24	25	26	27	28
S.No.	Rell No.	Student Name	T												-															100
26	17A31A0269	Perla Amulya	1	P	P	P	f	P	1	P	9	8	p	9	P	P	P	P	7	P	P	P	1	P	P	P	9	F	P	P
27	17A31A0270	Peta Sal Venkata Lakshimi Suncetha	P	P	P	P	P	P	9	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	1	P	P	P	P	9
28	17A31A0278	Ayithireddy Bilva Naga Veera Vara Prased	P	P	P	P	p	P	P	p	P	P	P	P	P	P	P	P	P	p	9	P	P	P	P	P	P	P	P	P
29	17A31A0279	Boddu Pavan Teja	P	F	p	P	P	P	P	p	P	P	P	0	P	P	P	9	P	P	E	P	P	P	F	P	P	P	F	P
30	17A31A0288	Kam Anil Reddy	1 7	P	P	p	P	P	P	P	F	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	P	P	P
31	17A31A0289	Kommu Sriram Datta	P	P	P	P	P	p	P	P	p	8	B	P	P	P	P	a	P	P	P	P	P	P	P	1	P	P	7	P
32	17A31A0294	Kutha Vishal Reddy	P	P	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	F	P	P	P	1	P	P	F	9	P
33	17A31A0295	Lagudu Mani Kumar	17	P	P	P	P	P	P	P	P	P	P	0	P	P	p	P	P.	ó	P	P	P	P	P	p	P	P	P	P
34	17A31A02A5	Prodduturi Raghavendra	P	P	P	P	9	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	0-	p	P	P	P	P	P
35	17A31A02B0	Sesetti Mehar Aditya	P	P	F	P	P	p	P	P	P	P	P	12	p	P	P	P	P	P	P	P	8	P	P	P	P	P	7	8
36	17A31A02B8	Vikash Choudhary	10	p	9	P	P	p	P	P	P	P	p	P	p	a	P	P	P	P	P	P	P	P	P	F	7	P	7	P
37	18A35A0214	Maganti Padma Sai Bhavani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	10	P	P	p	a	P	P	P	P	P	P	P	F	F
38	18A35A0215	Tatipudi Naga Sai Amrutha	P	P	P	P	P	P	P	P	P	P	P	P	P	P.	P	P	P	P	P	P	P	P	9	P	p	P	P	1
39	18A35A021T	Vuyyurie Chiranjeevi	P	P	P	P	p	P	P	P	F	P	P	P	p	P	P	9	P	P	P	P	P	P	F	P	12	P	F	E
40	18A35A0225	Sarakanam Trinadh	P	10	P	P	P	P	P	p	P	b	F	P	P	0-	0	D	P	P	P	P	P	a	P	+	P	P	7	a

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Ph: 08852 - 252213, 34 Website: www.pragati.ac.in

Feedback form

Date: 5 10 2019

Department

: EEE

Academic Year

: 2019 - 20

Name of the Speaker

: R. sollhesh kumar

Title of the Program

: I moduction to MATLAB. Jox

Engineering, stoden

Duration

: 21/06/2019 to s/10/2019

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

u

2. Method of Delivery

-

3. Related to Subject

4

4. Is the Topic useful for career:

Ves/No

5. Suggestions if any

1

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(Approved by AICTE, Permanently Affiliated to INTUK, Kakinada, Accredited by NAAC with 'A' Grade) (Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956) Ph: 08R52 - 252233, 34. Website: www.pragati.ac.in

Feedback form

Date: 5 10 2019

Department

Academic Year

2019-20

Name of the Speaker

R. Satish kumar

Title of the Program

Engineering student

Duration

Please evaluate on a scale of 5 ;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

Method of Delivery

3. Related to Subject

4. Is the Topic useful for career :

Yes/No

5. Suggestions if any

PRAGATI ENGINEERING COLLEGE

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Date: 08/10/2019

PROGRAM REPORT

Name of the Program

: "A Four-Week Value added Program on Introduction to

MATLAB for Engineering Students"

Date/Duration

: June 21st to October 5th 2019, 28 days

Resource Person

: Dr. R. Sathish Kumar

Professor, EEE, Pragati Engineering College

E-Mail ID: sathish.r@pragati.ac.in,

Program Objective

To know about mathematical functions

To have an adequate knowledge on Array operations and

linear equations

Topics Covered

: The following topics are covered

Desktop tools

Basic Plotting

Animations

Working with matrices

Array operations and linear equations

Program Outcome

Students will acquire extensive knowledge about Array

operations and linear equations in MATLAB

Students will understand the mathematical functions in

MATLAB

Name of the Coordinator: Mrs. K. SandhyaRani, Assistant Professor, EEE.

: 40 No of the Participants

Program Coordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

PRINCIPAL

Near Peddapuram, E.G.Dt. (AP)-533 437



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Four Week Value added Program on Introduction to MATLAB for Engineering Students - Certificate of Participation -

This is to certify that Mr./Ms. Boddeti Priyanka has participated in a Four Week Value added Program on "Introduction to MATLAB for Engineering Students" organized by Department of Electrical and Electronics Engineering from 21/06/2019 to 05/10/2019

Wirs K Sandiya Rami Coordinator

rdinator HoD - EEF

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6 1 713 ADEROAD, SURAMPALEM



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

PLECTRICAL AND ELECTRONICS ENGINEERING

A Four Week Value added Program on Introduction to MATLAB for Engineering Students - Certificate of Participation -

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Mrs. R. Sandhya Rani

Coordinator

Jahranger

HoD - EEE

Thanks Present Less

Principal



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Ph 18852 2532 4 Website www.pragati.ac.in

DEPARTMENT OF MICHANICAL ENGINEERING

Surampalem. Date 9-7-2019

CIRCULAR

It is to inform all the students of B.Tech IVyear Isem that the Department of Mechanical Engineering is planning to organize a CNC TURNING WORKSHOP on 16-7-2019 to 23-7-2019 by APSSDC CNC LAB. All the interested candidates can enroll their names with Mr. M.SUNIL RAJ Asso. Professor. Department of Mechanical Engineering on or before 13-7-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 16-7-2019

HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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1-378, ADB RO HIGHPALEM Near Peddapurar, E.G.Dt. (AP)-533 437



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Objective of the course

To give hands on practice to students on basic and advanced areas of CNC machines efficiently for manufacturing desired products and knowledge of programming and use of CNC tooling

Topics covered

Week-I

Introduction about CNC Technologies

Classification of CNC Machine Advantage of CNC Machine tool Limitation of CNC Machine tool Application of CNC Machine tool General Construction of CNC Machine tool

- Structure
- · Spindle and Feed Drives
- Actuator Support bearing
- Feed Back Systems
- Automatic Tool Changers
- Tooling
- · Material Handling System
- Pallet Changer System
- Lubrication System
- Coolant System

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

- Step In Part Programming
- Terminology used in CNC part Programming
 - Sequence Number (N code)
 - Preparatory Function (G Codes)
 - Coordinate Function (X,Y,Z,U,V,W and I,J,K)
 - Feed Function (F)
 - Spindle Speed Function (S)
 - Tool Function (T)
 - Miscellaneous Function (M codes)

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Near Peddapuram, E.G.Dt. (AP)-533 437

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Ph 08852 242234 34 Website www.pragati.ac.in

Outcome of the course

After completing this course, a student will be able to:

- Appreciate the importance of CNC lathe and CNC Milling machines.
- Understand the codes (G-code and MCode) used in CNC machines for programming.
- Develop Programming skills and crate an component for required drawing, Simulate the prepared part programme using available simulation software's. And Prepare the parts on CNC.

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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1Recognized by 11 1 index Sections 311 and 12 (B) of 1 GC as 1 1986;
1Ph 1885 1 252233 34 Websile www.pragatiac.in

Report On Foundation to CNC Workshop

Date: 24-7-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 16-7-2019 to 23-7-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech IV year I sem. This work shop started with basics of CNC and its working principles. The expert mainly focused on coding on CNC lathe machine. The workshop participants were able to learn in depth of methodology and its real time application with hands on experience. 57 No of students participated in this work shop.

Co-ordinator

W

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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Date:23-7-2019

APSSDC CNC LAB - I LLDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

BACIII

Litle of Training Program

"CNC IT RNING".

Date / Venue

: 16-7-2019 to 23-7-2019/APSSDC CNC Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Related to Subject:

Good Very good Average

Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM



This is to certify that Anil Chukka

Bearing number APSSDC/Siemens/M/22280 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

From 16-July-2019 to 23-July-2019

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures



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Near Peddapuram, E.G.Dt. (AP)-533 437



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Bearing number APSSDC/Siemens/M/22281 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

From 16-July-2019 to 23-July-2019

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(Recognized by 11.4. Index Sections 2(1) and (2) (1) of 1.64. act. 1956)

Ph. (2005) 242233, 34. Website with propalities in

DI PARTMENT DE MECHANICAL I NGINEERING

Surampalem, Date:16-9-2019

CIRCULAR

It is to inform all the students of B.Tech IV year I sem that the Department of Mechanical Engineering is planning to organize a CNC TURNING FOUNDATION WORKSHOP on 23-9-2019 to 1-10-2019 by APSSDC CNC LAB. All the interested candidates can enroll their names with Mr. M.SUNIL RAJ Asso. Professor, Department of Mechanical Engineering on or before 20-9-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 23-9-2019

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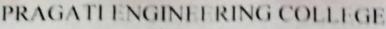
Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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Objective of the course

To give hands on practice to students on basic and advanced areas of CNC machines efficiently for manufacturing desired products and knowledge of programming and use of CNC tooling.

Topics covered

Week-I

Introduction about CNC Technologies

Classification of CNC Machine Advantage of CNC Machine tool Limitation of CNC Machine tool Application of CNC Machine tool General Construction of CNC Machine tool

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- Feed Back Systems
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Comparison between conventional & CNC machine

Week-2

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Outcome of the course

After completing this course, a student will be able to

- Appreciate the importance of CNC lathe and CNC Milling machines.
- Understand the codes (G-code and MCode) used in CNC machines for programming.
- Develop Programming skills and crate an component for required drawing, Simulate the prepared part programme using available simulation software's. And Prepare the parts on CNC.

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



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24	16A31A03I0	Venkata sai ram vikas Bandaru	Nikas
25	16A31A0316	Siva satish Dadi	Stra
26	16A31A0318	Vijay sankar Dasam	Sawan
27	16A31A03J2	Vasu Gowtu	Jone
28	16A31A03J3	Brahmeswara rao Jami	J. Zomer Ras
29	16A31A03K9	Madhu s surya ganga pavan kumar Nandikolla	
30	17A35A0358	Stacy Varigeti	Stacy.

Cordinator



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13	16A31A03C1	6	P	P	P	P
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15	16A31A03D1	P	P	P	P	P
16	16A31A03D3	A	P	P	P	8
17	16A31A03E1	P	P	P	P	A
18	16A31A03E4	P	P	P	P	P
19	16A31A03E6	P	P	P	P	P
20	16A31A03E8	A	P	P	P	P
21	16A31A03F2	P	P	P	P	P
22	16A31A03H6	P	P	P	P	P
23	16A31A03H7	8	P	P	P	P
24	16A31A0310	P	P	P	P	P
25	16A31A03I6	P	P	P	P	P
26	16A31A03I8	P	P	P	P	P
27	16A31A03J2	P	P	P	P	P
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Co-ordinator

P

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PRAGATI ENGINEERING COLLEGE

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[Recognized by 1.63 1 index Sections 2 I and 12 (8) of 1.63 act 1986)

Ph 18852 252233 34 Website www.pragation.iii

Report On Foundation to CNC Workshop

Date: 2-10-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 23-9-2019 to 1-10-2019in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech IV year II sem. This work shop started with basics of CNC and its working principles. The expert mainly focused on coding on CNC lathe machine. The workshop participants were able to learn in depth of methodology and its real time application with hands on experience. 30 No of students participated in this work shop.

Co-ordinator

W

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(Approved by Alt 1) Permanenty Affiliancia (Affilia & P. 141)
(Recognized by 1 to 1 index sections 20 and 17 (B. 1) to act 1956)

Ph (888) 25221 11 Website www.practice.m.

APSSDC CNC LAB - FEEDBACK

Date:1-10-2019

DEPARIMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: BACHI

Title of Training Program

"CNC TURNING FOUNDATION".

Date / Venue

: 23-9-2019 to 1-10-2019/Apssdc CNC Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Artiage 2100

1 Usefulness of Topic: 5

2 Method of Delivery: 4

3 Related to Subject: 4

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any: ____

W

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Near Peddapuram, E.G.Dt. (AP), 533 437



This is to certify that Aditya Bhamidipati

Bearing number APSSDC/Siemens/M/25215 has successfully

completed

CNC TURNING FOUNDATION

Course

Conducted at

Pragati Engineering College

From 23-Sep-19 to 01-Oct-19

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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This is to certify that Raju Chodipilli

Bearing number APSSDC/Siemens/M/25216 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

From 23-Sep-19 to 01-Oct-19

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures



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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 19-7-2019

CIRCULAR

It is to inform all the students of B Tech IVyear Isem that the Department of Mechanical Engineering is planning to organize a CNC MILLING WORKSHOP on 26-7-2019 to 3-8-2019 by APSSDC CNC LAB. All the interested candidates can enroll their names with Mr. M.SUNIL RAJ Asso. Professor, Department of Mechanical Engineering on or before 23-7-2019. The no of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 26-7-2019

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information. By lus

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Objective of the course

To give hands on practice to students on basic and advanced areas of CNC machines efficiently for manufacturing desired products and knowledge of programming and use of CNC tooling

Lopics covered

Week-I

Introduction about CNC Technologies

Classification of CNC Machine Advantage of CNC Milling Machine tool Limitation of CNC Milling Machine tool Application of CNC Machine tool General Construction of CNC Machine tool

- Structure
- Spindle and Feed Drives
- Actuator Support bearing
- Feed Back Systems
- Automatic Tool Changers
- Tooling
- Material Handling System
- Pallet Changer System
- Lubrication System
- Coolant System

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

- Step In Part Programming
- Terminology used in CNC part Programming
 - Sequence Number (N code)
 - Preparatory Function (G Codes)
 - Coordinate Function (X,Y,Z,U,V,W and I,J,K)
 - Feed Function (F)
 - Spindle Speed Function (S)
 - Tool Function (T)
 - Miscellaneous Function (M codes)

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Outcome of the course

After completing this course, a student will be able to

- Appreciate the importance of CNC lathe and CNC Milling machines.
- Understand the codes (G code and MCode) used in CNC machines for programming.
- Develop Programming skills and crate an component for required drawing. Simulate
 the prepared part programme using available simulation software's. And Prepare the
 parts on CNC.

Co. ordinator

W

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Near Peddapuram, E.G.Dt. (AP)-533 437



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5	16A31A0333	Rohiniravikiran Kudupudi	K. Rhini
6	16A31A0337	Nikhil Tummala	all school
7	16A31A0349	Mukeshkumar Vallu	Huken
8	16A31A0352	Gowrav venkatesh Vasamsetty	Gowan
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10	17A35A0303	Vinod Bora	Umod
11	16A31A0361	Sai vamsi Adatrao	(i
12	16A31A0364	Ashish Kumar	Ashish Komur
13	16A31A0373	Yaswanth krishnan yadas Gundumenu	Xaday.
14	16A31A0375	Krishnam raju Kallepalli	K-Krishnom Ro
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17	16A31A0392	Satish kumar Narala	Sotal
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26	17A35A0323	Raju Kella	K. Paiu
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Co-ordinator



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51	17A35A0347	P	P	P	A	P	
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53	17A35A0349	8	P	6	P	P	
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[Approved by AICTE Permanenth Affiliated to INTUK Kakurada Accredited by NASI, with A 1, idea (Recognized by UGC 1 index Sections 2(f) and 12 (B) of UGC act 1956).

Ph. 08852 [252233] 34 Website www.pragati.ac.in

Report On Foundation to CNC Workshop

Date: 4-8-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 26-7-2019 to 3-8-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech IV year I sem. This work shop started with basics of CNC and its working principles. The expert mainly focused on coding on CNC lathe machine. The workshop participants were able to learn in depth of methodology and its real time application with hands on experience. 57 No of students participated in this work shop.

Co-ordinator

V

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APSSDC CNC LAB - FEEDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

BACTIL

Title of Training Program

:"CNC MILLING".

Date / Venue

:26-7-2019 to 3-8-2019/Apssdc CNC 1.ab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Date: 3-8-2019

Usefulness of Topic:

Method of Delivery:

Related to Subject:

Is the Topic useful for career:

YES/NO

Suggestions if any: Good 5

PRAGATI ENGINEERING COLLEGE (AUTONGHOUS)

Near Peddapuram, E.G.Dt.



This is to certify that Anil Chukka

Bearing number APSSDC/Siemens/M/22280 has successfully

completed CNC TURNING WORKSHOP Course

Conducted at

Pragati Engineering College

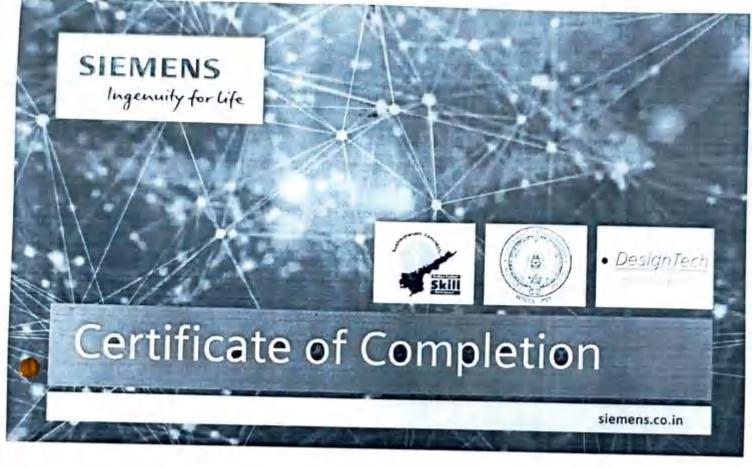
From 16-July-2019 to 23-July-2019

Siemens Industry Software India Pvt. Ltd



Design Tech Systems Limited

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Bearing number APSSDC/Siemens/M/22281 has successfully

completed CNC TURNING WORKSHOP Course

Conducted at

Pragati Engineering College

From 16-July-2019 to 23-July-2019

Siemens Industry Software India Pvt_Ltd

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Ph. 08852 252233 34 Website www.pragatios.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date: 18-2-2020

CIRCULAR

It is to inform all the students of B. Tech II year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP on 25-2-2020 to 3-3-2020 by APSSDC R&AC LAB. All the interested candidates can enroll their names with Mr. M.RAMBABU Asst. Professor. Department of Mechanical Engineering on or before 22-2-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 25-2-2020

TOD-ME

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Near Peddaguram, E.G.Dt. (AP): 533 437



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Electrical Home Commercial Objective:

To give hands on practice to students on basic and advanced air conditioning and refrigeration systems.

TOPIC COVERED

TOPIC-1

Familiarization & use of general and special tools used in refrigeration work practice.

Identification of various Refrigeration equipments& components of vapour compression system like. compressor, condenser, expansion valve and evaporator etc

TOPIC-2

Working on soft copper tubing like, cutting, bending, flaring, swaging, brazing cu to cu and cu to steel, pinching & preparing flare joints.

Fundamentals of Refrigeration, units and measurements, Pressure & its Measurements. Heat and Temperature, Different temperature scales, Ton of Refrigeration working of vapour compression cycle, low side & high side components of vapour compression system and functions and applications of components.

TOPIC -3

Identification of refrigerant cylinders.

Identification of unknown refrigerants, Recovery & Transfer of refrigerant, safe handling Cylinders and Valves, Leak testing, Evacuation, Charging refrigerants in Refrigerator.

TOPIC-4

Tracing Electrical circuit, checking and testing of electrical accessories like, thermostat, Timer, Defrost Heaters, Bimetal etc., checking air distribution system, servicing of refrigerator, testing of components.

TOPIC -5

Identify the electrical and mechanical components, servicing and maintenance, tracing wiring circuit, evacuation, leak testing, gas charging.

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(Approved by MCII) Permanents Affiliated to INTEK Kakmada, Accredited by NAM, with A. Grades (Recomments & UGC Under Sections 2(f) and 12 (B) of UGC act, 1956), 126–18882 – 252233, 34. Website, www.pragati.ac.in.

After completing this course, a student will be able to:

- Understand the difference between Air conditioning and refrigerating systems.
- Understand the basic types of Air conditioning systems.
- Understand the basic types of refrigerating systems.
- · Understand the simple issues in equipment operation

Understand the minor and major maintenances in conditioning and refrigerating systems.

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Co.odinator

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STUDENTS ENROLLED

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.8	18A31A0359	Chikkala Vinayak	Pyanesh
9	18A31A0360	Darbha Sandeep datta	Ch. y i royat.
10	18A31A0367		K. D. leif Kim
11	18A31A0368	Kotikalapudi Vishnu kalyan	1. vicha
12	18A31A0372	Madala Sai srinivas	Comercia
13	18A31A0379	Nagala Satish kumar	
14	18A31A0380	Naidu Sathish	N. Satish
15	18A31A0386	Pithani Vara prasad	Vara Prased
16	18A31A0388	Potnuri Sai krishna	
17	18A31A03A4	Yella Lakshmi narendra	P. Sev Krock
18	19A35A0332	Gorapalli Devi naga manikanta	y. Lakylow rosendo-
19	19A35A0335	Mendi Avinash	Manle 1
20	19A35A0336	Muppinisetti Naga krishna	m. Avinaul
21	19A35A0337	Nokku Venkat	Maga lem
22	19A35A0338	Nooni Raghuram	Λ
23	19A35A0339	Rayudu Vinay kumar	Jagune.
24	19A35A0340	Robbi Vinay	2 Visace
25	19A35A0341	Rongala Leela satish kumar	Umay
26	19A35A0342	Sampathirao Satishkumar	Cali.

Co-ordinator



PAAGATI ENGINEERING COLLEGE (AUTONOMONS) # 1-378, AOB ROAD, SURAMPALEM Mear Pedcapuram, E.G.Dt. (AP) 533 437



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STUDENTS ATTANDED

NO.	ROLL NO	25/2	26/2	2012	213	313
1	18A31A0310	P	A	P	P	P
2	18A31A0330	9	P	P	A	1
3	18A31A0338	A	P	P	P	P
4	18 \ 31 A 0343	P	P	A	P	P
5	18A31A0345	A	P	P	A	P
6	18A31A0347	P	A	A	P	P
7	18A31A0348	B	P	P	P	P
8	18A31A0359	A	P	A	P	P
9	18A31A0360	P	P	P	A	P
10	18A31A0367	8	P	P	P	A
11	18A31A0368	P	P	A	P	P
12	18A31A0372	P	A	P	P	P
13	18A31A0379	P	P	P	A	P
14	18A31A0380	A	P	8	P	P
15	18A31A0386	P	A	P	P	A
16	18A31A0388	0	P	P	P	P
17	18A31A03A4	P	P	P	P	P
18	19A35A0332		P	P	A	P
19	19A35A0335	P	A	P	P	P
20	19A35A0336	P	P	A	P	P
21	19A35A0337	9	P	A	P	P
22	19A35A0338	P	A	P	P	P
23	19A35A0339	A	P	P	P	P
24	19A35A0340	P	A	P	P	P
25	19A35A0341	P	P	A	P	P
26	19A35A0342	P	A	P	P	P

Co-ordinator



PRINCIPAL PRAGATI ENGINEERING COLLEGE

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Neat Peddapuram, E.G.Dt. (AP)-533 432



(Autonomous)

1 Approved by AR 11 Permanents Affiliated to IN 11 & Rakinsata Accredited by NAM with A forable (Recognized by LGC Under Sections 2) and 12 (10 of UGC act 1956).

126 (1885) 252233-34 Website www.pragati.ac.in

Report On Electrical(Commercial) Expert Workshop

Date: 4-3-2020

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Foundation Workshop was held on 25-2-2020 to 3-3-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Fundamentals of Refrigeration and Ton of Refrigeration to the students of B.Tech II year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 29 No of students participated in this work shop.

O Ocalle

Co-ordinator

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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APSSDC R&AC LAB - FEEDBACK

Date: 3-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

:25-2-2020 to 3-3-2020/Apssdc R&AC Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

Average B Good

Method of Delivery:

3 Related to Subject: good

Is the Topic useful for career:

YES/NO

5 Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that **Patnala Guna sagar**Bearing number **APSSDC/Siemens/M/36259** has successfully completed **ELECTRICAL(COMMERCIAL) FOUNDATION** Course

Conducted at

Pragati Engineering College

From 25-Feb-2020 to 3-Mar-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Pilla Sandeep

Bearing number APSSDC/Siemens/M/36260 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

From 25-Feb-2020 to 3-Mar-2020

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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Near Peddapuram, E.G.Dt. (AP)-533 437



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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:27-1-2020

CIRCULAR

It is to inform all the students of B.Tech II & III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP on 3-2-2020 to 6-2-2020by APSSDC R&AC LAB. All the interested candidates can enroll their names with Mr. M.RAMBABU Asst. Professor. Department of Mechanical Engineering on or before 31-1-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MI CHANICAL DEPARTMENT

Date: 3-2-2020

HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.



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(Automorphous)

Electrical Home Commercial Objective:

To give hands on practice to students on basic and advanced air conditioning and refrigeration systems.

TOPIC COVERED

TOPIC-1

Familiarization & use of general and special tools used in refrigeration work practice.

Identification of various Refrigeration equipments& components of vapour compression system like compressor, condenser, expansion valve and evaporator etc

TOPIC -2

Working on soft copper tubing like, cutting, bending, flaring, swaging, brazing cu to cu and cu to steel, pinching & preparing flare joints.

Fundamentals of Refrigeration, units and measurements, Pressure & its Measurements. Heat and Temperature, Different temperature scales, Ton of Refrigeration working of vapour compression cycle, low side & high side components of vapour compression system and functions and applications of components.

TOPIC -3

Identification of refrigerant cylinders.

Identification of unknown refrigerants, Recovery & Transfer of refrigerant, safe handling Cylinders and Valves, Leak testing, Evacuation, Charging refrigerants in Refrigerator.

TOPIC -4

Tracing Electrical circuit, checking and testing of electrical accessories like, thermostat, Timer, Defrost Heaters, Bimetal etc., checking air distribution system, servicing of refrigerator, testing of components.

TOPIC -5

Identify the electrical and mechanical components, servicing and maintenance, tracing wiring circuit, evacuation, leak testing, gas charging.

Co.ordinata

After completing this course, a student will be able to:

- · Understand the difference between Air conditioning and refrence bystems.
- ➤ Understand the basic types of Air conditioning RXGATI ENGINEERING COLLEGE
- Understand the basic types of refrigerating systems. (AUTONOMOUS)
- Understand the simple issues in equipment operation 378, ADB ROAD, SURAMPALEM
 Near Peddapuram, E.G.Dt. (AP)-533 437

W

Understand the minor and major maintenances in conditioning and refrigerating systems.





(Autonomous)

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Consuments Affile and 15 (10) the Kakasada Artrodure at AAr with the above the transfer at 10 february at 10 and 100 february at 10 february at 10 february at 11 Washada was presidence.

STUDENTS ENROLLED

SNO	ROLL NO	NAME	SIGNATURE
1	17A31A0353	Vadaparthi Sai	Sai n
2	17A31A0368	Nunna sri Jatha	1 Sou Calba
-3	7A31A03A5	Pithani Anan I raj kumar	Amand
4	17431A03A9	Seelam Kumar venkata sai	S. Merry
5	T7A31A03B4	Velpula Sujith	V 5.74
5	17A31A03B9	Bodapati Rajanagendra	Palanagendro
7	7A31A03C7	Ganji Ranjith kumar	G. P. nitz
8	17A31A03D3	Jagatha Praveen	Praveen
9	17A31A03D7	Kasi Salem bob	t. Salem
10	17A31A03E1	Koyyala Siva vikas	Vikas
11	17A31A03G8	Vanaparthi Naga sai sabharish	V. Naga fax
12	18A31A0355	B Sairam	B Sairam
13	18A31A0363	Geesala Sudheer	G Sudhar
24	18A31A0369	Kutchu Maniteja	Mari Tesa
15	18A31A0375	Mattaparthi Eswar rao	the state of the s
16	18A31A0378	Mummidi Mukesh ramakrishna	m. mukest
17	18A31A0383	Nunna Venkata naga sai manikanta	M. Pamoara
18	18A31A03A1	Verikondi Lakshmikumar	J. Jacking
19	18A35A0321	Mogga Venkatesh	1 2/2 1
20	18A31A03A8	Desalanka Padma dora	Ventraler.
21	18A31A03B0	Ernagula Kiran	D. Pad ma Daya
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	El bara
23	18A31A03C3	Kesamsetti Saivinay	GVIJAM
24	18A31A03C7	Medisetti Satya surya markandeya swamy	- cuipat
25	18A31A03D3	Palli Arun kumar	Swany J
26	18A31A03E9	Tulasi Tilaksaisrinivas	T Sulas
27	18A31A03F1	Vaidadi Suneel	T. 414/251
28	18A31A03F5	Yadla Saicharan	y. Saiclarah



Co-ordinator

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STUDENTS ATTENDED

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1	17A31A0353	P	A	P	P
2	17A31A0368	P	8	A	P
3	17.131A03A5	P	P	P	A
4	17A31A03A9	A	P	P	A
5	17A31A03B4	P	P	P	P
6	17A31A03B9	P	A	P	P
7	17A31A03C7	A	P	P	P
8	17A31A03D3	8	P	P	P
9	17A31A03D7	P	A	9	P
10	17A31A03E1	À	P	P	P
11	17A31A03G8	P	P	P	ρ
12	18A31A0355	8	ρ	P	P
13	18A31A0363	A	ρ	P	P
14	18A31A0369	A	P	A	P
15	18A31A0375	P	P	P	P
16	18A31A0378	A	P	P	P
17	18A31A0383	p	A	P	P
18	18A31A03A1	P	A	A	P
19	18A35A0321	P	P	A	P
20	18A31A03A8	A	P	P	P
21	18A31A03B0	P	P	P	P
22	18A31A03B2	P	P	P	P
23	18A31A03C3	P	P	P	P
24	18A31A03C7	A	P	P	P
25	18A31A03D3	P	P	P	P
26	18A31A03E9	A	P	P	P
27	18A31A03F1	P	P	P	P
28	18A31A03F5	P	P	1	P



Co-ordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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Ph 08852 25234-31 Website www.pragation.in.

Report On Electrical(Commercial) Expert Workshop

Date: 7-2-2020

Resource person details

NAME: P. RATSH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Foundation Workshop was held on 3-2-2020 to 6-2-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Fundamentals of Refrigeration and Ton of Refrigeration to the students of B.Tech II & III year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 28 No of students participated in this work shop.

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Co-ordinator

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PRINCIPAL
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1.378 ADB ROAD, SURAMPALEM

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

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Ph. 1986 252233-34 Website many pragate act in

APSSDC R&AC LAB - FEEDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Litle of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

:3-2-2020 to 6-2-2020/Apssdc R&AC Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date:6-2-2020

Usefulness of Topic:

Method of Delivery:

· Good Aumage Excellent

Related to Subject: 3

4 Is the Topic useful for career:

5 Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP) 533 432



This is to certify that Vadaparthi Sai

Bearing number APSSDC/Siemens/M/30254 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

From 3-Feb-2020 to 6-Feb-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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This is to certify that Nunna sri latha

Bearing number APSSDC/Siemens/M/30255 has successfully

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Ph. 08852 (252233) 34 Website www.pragati.co. of

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date:5-9-2019

CIRCULAR

It is to inform all the students of B.Tech IIIyear II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP on 12-9-2019 to 21-9-2019 by APSSDC R&AC LAB. All the interested candidates can enroll their names with Mr. M.RAMBABU Asst. Professor. Department of Mechanical Engineering on or before 9-9-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 12-9-2019

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Electrical Home Commercial Objective:

To give hands on practice to students on basic and advanced air conditioning and refrigeration systems

TOPIC COVI RED

TOPIC-1

Familiarization & use of general and special tools used in refrigeration work practice.

Identification of various Refrigeration equipments& components of vapour compression system like , compressor, condenser, expansion valve and evaporator etc

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TOPIC-4

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TOPIC -5

Identify the electrical and mechanical components, servicing and maintenance, tracing wiring circuit, evacuation, leak testing, gas charging.

1

Co. ordinator

PRINCIPAL

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PRAGATI ENGINEERING COLLEGE

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Visit Road, Surampalem 1 (v. 18. 307 - 34) 437

1 Approxish MCTI. Proceeding Affiliated to PVII K. Kakenada Accredited by NAM with A. Grades (Recognised by L.G. Under Sections 2(f) and 12 (B) of UGC act. 1996). 19: 08852 - 252233-11 Website ways pragati ac in

After completing this course, a student will be able to:

- Understand the difference between Air conditioning and refrigerating systems.
- Understand the basic types of Air conditioning systems.
- Understand the basic types of refrigerating systems.
- Understand the simple issues in equipment operation

Understand the minor and major maintenances in conditioning and refrigerating systems.

Co. ordinator

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Recognized by L.E.d. Ender Section (247) and L2 (Brief) Col. En. 1995.

19. 1988-1. 255231. L4. Western www.proposition. 19.

STUDENTS ENROLLED

SNO	ROLL NO	NAME	SIGNATURE
1	17A31A0315	Sri Veera Raghaya Vara Prasad Chowdalla	Cirliane Polite M
2	17A31A0316	D.V.V.D.Kishore	Circles
3	17A31A0329	Rohith Masavarapu	PONITL M
4	17A31A0355	Veera Amarendra Vasamsetti	Vetra.
5	18A35A0303	Abdul Waiz Qureshi	aurel
6	18A35A0306	Manikanta Dadala	D. Manitante
7	18A35A0309	K.N.V.S. Sai Krishna	kaithe.
8	17A31A0372	Gopala Krishna Bikkina	
9	17A31A0379	Hari Krishna Goli	Br Gopul Hari Krisma (1)
10	17A31A0381	I S V Santosh Illuri	Muri
11	17A31A0385	Murali Kolla	t. murali
12.	17A31A0387	Venkatasai Kondeti	(Condeti vento
13	17A31A0392	Steephen Jeremiah Maggam	Steepler
14	18A35A0327	Durga Prasad Allavarapu	ADurg frod
15	18A35A0328	A. Durga Anil	Agel
16	18A35A0330	Venkata Srinivas Bathi	7. venkata svini
17	18A35A0333	Nagendra Kumar Konala	rumm
18	18A35A0334	Pavan Kumar Kondeti	C. Povac
19	18A35A0335	Ajay Tatipakala	Day
20	18A35A0337	V. Sai Manikanta	V. (a) rexi
21	17A31A03K0	Surya Teja Karavanja	Teic
22	17A31A03K5	Venkata Hari Nadh Korla	-Hari
23	18A35A0341	Venkata Bhargav Badireddy	B. Venkata Brain
24	18A35A0344	Lokesh Sai Ram Mamidala	Lakel for R
25	18A35A0346	Ome Swamy Sangadi	3. Swany



Co-ordinator

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-376, ADB ROAD, SURAMPALEM
Near Peddapuram, L.G.Dt. (AP) 533 437



(Autonomous)

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STUDENTS ATTENDED

5.NO	ROLL NO	1219	1319	1419	1919	2019	219	1
1	17A31A0315	9	4	8	P	P	P	
2	17A31A0316	P	P	A	P	8	A	
3	17A31A0329	P	P	9	P	P	0	
4	17A31A0355	P	P	P	P	P	9	
5	18A35A0303	P	P	6	P	9	P	
6	18A35A0306	8	P	6	P	P	P	
7	18A35A0309	P	0	P	P	P	8	9
8	17A31A0372	P	P	P	P	P	P	
9	17A31A0379	0	P	P	P	P	P	1
10	17A31A0381	A	P	P	P	P	P	
11	17A31A0385	P	P	1	P	1	P	
12	17A31A0387	P	P	P	P	P	P	j
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14	18A35A0327	P	P	P	P	P	P	1
15	18A35A0328	P	P	8	P	P	P	
16	18A35A0330	P	P	P	P	P	P	
17	18A35A0333	P	P	P	P	P	P	1
18	18A35A0334	P	P	P	P	P	P	
19	18A35A0335	P	P	P	P	P	P	
20	18A35A0337	P	P	P	P	P	P	1
21	17A31A03K0	P	P	P	P	P	P	
22	17A31A03K5	9	P	P	P	P	P	
23	18A35A0341	P	P	P	P	P	P	
24	18A35A0344	P	A	P	P	P	A	
25	18A35A0346	P	P	A	P	P	P	









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ADR Road, Surampaters 3, G.Dt., A.P., \$13,437.

[Approx.d by AR TE Permanentis Affiliated to INTER, Kakmada, Accredited by NAM, with A. Grader

(Recognized by L.GC Under Sections 2(t) and 12 (B) of UGC act, 1956).

[Ph. 08852—252233, 34 Website www.pragati.ac.in]

Report On Electrical(Commercial) Expert Workshop

Date: 22-9-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Foundation Workshop was held on 12-9-2019 to 21-9-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Fundamentals of Refrigeration and Ton of Refrigeration to the students of B.Tech II & III year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 25 No of students participated in this work shop.

O Scale

Co-ordinator

4

PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



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APSSDC R&AC LAB - FEEDBACK

Date: 21 9 2619

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

RAJISH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

:12-9-2019 to 21-9-2019/Apssdc R&AC Lah

Please evaluate on a scale of 5:

5 Excellent

4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject: Good Excellent Umy good YES/NO

Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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This is to certify that Sri Veera Raghava Vara Prasad Chowdalla

Bearing number APSSDC/Siemens/M/31321 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

From 12-Sep-2019 to 21-Sep-2019

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures PRAGATI ENGINEERING COLLEGE

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This is to certify that D.V.V.D.Kishore

Bearing number APSSDC/Siemens/M/31322 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

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From 12-Sep-2019 to 21-Sep-2019

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Ph. 18852 24 244 54. Website, was a pragative in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 5-9-2019

CIRCULAR

It is to inform all the students of B.Tech Illycar II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP on 12-9-2019 to 21-9-2019 by APSSDC R&AC LAB. All the interested candidates can enroll their names with Mr. M.RAMBABU Asst. Professor. Department of Mechanical Engineering on or before 9-9-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 12-9-2019

PALLE HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.







(Autonomous).

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I Appropriate the second transfer of the Affidence of the

Electrical Home Commercial Objective:

In give hands on practice to students on basic and advanced air conditioning and refrigeration systems.

TOPIC COVERED

TOPIC-1

Familiarization & use of general and special tools used in refrigeration work practice.

Identification of various Refrigeration equipments& components of vapour compression system like, compressor, condenser, expansion valve and evaporator etc

TOPIC -2

Working on soft copper tubing like, cutting, bending, flaring, swaging, brazing cu to cu and cu to steel, pinching & preparing flare joints.

Fundamentals of Refrigeration, units and measurements, Pressure & its Measurements. Heat and Temperature, Different temperature scales, Ton of Refrigeration working of vapour compression cycle, low side & high side components of vapour compression system and functions and applications of components.

TOPIC -3

Identification of refrigerant cylinders.

Identification of unknown refrigerants, Recovery & Transfer of refrigerant, safe handling Cylinders and Valves, Leak testing, Evacuation, Charging refrigerants in Refrigerator.

TOPIC -4

Tracing Electrical circuit, checking and testing of electrical accessories like, thermostat, Timer, Defrost Heaters, Bimetal etc., checking air distribution system, servicing of refrigerator, testing of components.

TOPIC -5

Identify the electrical and mechanical components, servicing and maintenance, tracing wiring circuit, evacuation, leak testing, gas charging.

V

co.ordinator

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(Autonomous)

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(Recognized by UGC Under Sections 20) and 12 (B) of UGC act 1986.

(Ph. 08852 - 252231-34 Website www.pragati.ac.in

After completing this course, a student will be able to:

- I nderstand the difference between Air conditioning and refrigerating systems.
- Understand the basic types of Air conditioning systems.
- Understand the basic types of refrigerating systems.
- Understand the simple issues in equipment operation

Understand the minor and major maintenances in conditioning and refrigerating systems.

W

Co ordinator

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Near Peddapuram, E.G.Dt. (AP)-533 437



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STUDENTS ENROLLED

5.50	ROLL NO	NAME	SIGNATURE
1	17A31A0309	Pavan Sai Raghu Ram Ananthala	Raghmany
2	17A31A0312	Manoj Venkata Kumar Bogadi	Manois
3	17A31A0324	Lakshmi Raj Koushik Kotha	Kovia Koustik
4	17A31A0328	Siva Naga Nookaraju Mallipamula	MARGA
5	18A35A0311	Ramesh Merapureddy	Birmesh
6	18A35A0312	Sai Vamsi Krishna Nammi	Construa -
7	18A35A0313	Sai Vamsi Puvvala	P. Sai Names
8	18A35A0314	Rajesh Bhamidipati	Briesh
9	18A35A0315	Naga Chakra Manikanta Şiva Enuganti	ma
10	18A35A0316	Suryam Gadham	Surgam
11	18A35A0317	Satya Sai Vamsi Gullapudi	Vamei
12	18A35A0318	K. Siddhardha	Erdaly
13	18A35A0319	Mohan Kumar Killampalli	Mohai
14	17A31A03C6	Seetha Rama Raju	Scotta Pana Pok
15	17A31A03E2	Ashok Babu Lodagala	205_
16	17A31A03F2	Sunilkumar Pamu	Enny leman
17	17A31A03G1	S. Venkatesh	Ulman
18	17A31A03G5	Sri Sai Satya Venkata Manikanta Thota	Hay eleate
19	17A31A03G9	V. Anand Prasad Kumar	amar
20	17A31A03H7	A. Sai Sandeep	Asaê
21	17A31A0310	B. Vinay Kumar	B. Winay
22	17A31A0311	B. Kranthi Kumar	Cenous levias
23	17A31A0316	D. Shalem Living Stone	Stoner
24	17A31A03J2	G. Venkat	Gara Cost
25	17A31A03L6	Padam Bala Krishna	Baldein



Co-ordinator

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STUDENTS ATTENDED

5.50	ROLL NO	12/9	13/9	149	19/9	20/9	21/9
1	17A31A0309	P	. 8	P	6	9	9
2	17A31A0312	P	P	8	P	P	9
4	17A31A0324	6	P	P	A	P	9
4	17A31A0328	9	P	P	P	P	8
5	18A35A0311	P	P	P	P	R	. 8
6	18A35A0312	A	10	Þ	P	P	P
7	18A35A0313	P	P	P	P	8	. 8
8	18A35A0314	P	À	P	8	P	A
9	18A35A0315	P	P	. 8	P	P	8
10	18A35A0316	P	P	P	P	8	8
11	18A35A0317	P	P	è	P	A	8
12	18A35A0318	P	P	A	P	P	8
13	18A35A0319	P	P	P	P	P	P
14	17A31A03C6	P	P	P	P	P	P
15	17A31A03E2	P	P	6	P	P	P
16	17A31A03F2	P	P	8	P	P	P
17	17A31A03G1	P	P	P	8	P	9
18	17A31A03G5	P	P	8	8	P	8
19	17A31A03G9	P	P	8	P	P	10
20	17A31A03H7	8	P	P	P	P	P
21	17A31A03I0	P	P	9	P	P	P
22	17A31A03I1	P	P	P	P	8	P
23	17A31A03I6	P	P	9	6	8	P
24	17A31A03J2	P	P	P	P	P	9
25	17A31A03L6	P	P	P	P	P	0

Co-ordinator

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(Autonomous)

ADB Road Surampalem J. LD VP 11145*

(Approxed by 31C13) Permanentic Affiliated to JNTC S. Kakinada Amerikad by NAAC 116 A. Grade)

(Recognized by LDC Under Sections Officiald 17 (Cont. 1146) act. 1956)

Ph. (8852) 252233, 34. Website swwn principles in

Report On Electrical(Commercial) Expert Workshop

Date: 22-9-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Foundation Workshop was held on 12-9-2019 to 21-9-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Fundamentals of Refrigeration and Ton of Refrigeration to the students of B.Tech II & III year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 25 No of students participated in this work shop.

O Goods

Co-ordinator

D

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Near Peddapuram, E.G.Dt. (AP)-533 437



Autonomous)

V Ht Read, Strampotent 1 L-19t AP 51-11

(Approved by AR 1) Permanentis Affiliated to PCL 8. Kakinada Accordated by TAV south A Grader (Recognized by CAC Under Sections 50) and 12 (Brot LCC act 1994) 19-108852 252213 74 Website www.pragation.in.

APSSDC R&AC LAB - FEEDBACK

Date:21-9-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

"FLFCTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

:12-9-2019 to 21-9-2019/Apssdc R&AC Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

Poor 1 Avoid in Future

Usefulness of Topic:

Related to Subject:

Excellent

2 Method of Delivery:

Execulent

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3

very 4000

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Is the Topic useful for career:

YES/NO

5 Suggestions if any: -

W

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-376, ADB ROAD, SURAMPALEM.
Near Paddepyram, E.G.DE. (AP) 533 437



This is to certify that Pavan Sai Raghu Ram Ananthala Bearing number APSSDC/Siemens/M/31413 has successfully completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

From 12-Sep-2019 to 21-Sep-2019

Siemens Industry Software India Pvt. Ltd

APSSDC

ch Systems Limited

This is an auto generated Certificate and does not require Signature Signature CO: 552

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEN Near Peddapuram, E.G.Dt. (AP)-533 437





This is to certify that Manoj Venkata Kumar Bogadi

Bearing number APSSDC/Siemens/M/31414 has successfully completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

From 12-Sep-2019 to 21-Sep-2019

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 3-2-2020

CIRCULAR

It is to inform all the students of B. Tech II & III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) EXPERT WORKSHOP on 10-2-2020 to 15-2-2020 by APSSDC R&AC LAB. All the interested candidates can enroll their names with Mr. M.RAMBABU Asst. Professor. Department of Mechanical Engineering on or before 7-2-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 10-2-2020

HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.



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Near Peddapuram, E.G.Dt. (AP)-533 437.

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" Lif act lette.

Electrical Home Commercial Objective:

To give hands on practice to students on basic and advanced air conditioning and refrigeration systems

TOPIC COVERED

TOPIC-1

Familiarization & use of general and special tools used in refrigeration work practice.

dentification of various Refrigeration equipments& components of vapour compression system like, compressor, condenser, expansion valve and evaporator etc

TOPIC -2

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TOPIC -4

Tracing Electrical circuit, checking and testing of electrical accessories like, thermostat, Timer, Defrost Heaters, Bimetal etc., checking air distribution system, servicing of refrigerator, testing of components.

TOPIC -5

Identify the electrical and mechanical components, servicing and maintenance, tracing wiring circuit, evacuation, leak testing, gas charging.

co.ordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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(Autonomous)

ADECROAD Surampotent FCDLAP 144.43*

(Approved by MC11 Permanenth Affiliated to 15.11 & Kakimada Accredited by 5.5.31 with A Create (Recommend by LOC Under Sections 20) and 12 (B) of LOCas (19. 00052 252231 14 Website www.praeata.com

After completing this course, a student will be able to:

- Understand the difference between Air conditioning and refrigerating systems.
- Understand the basic types of Air conditioning systems
- Understand the basic types of refrigerating systems.
- Understand the simple issues in equipment operation

Understand the minor and major maintenances in conditioning and re-rigerating systems.

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+ 17 Year Surampalco - 4 Dr. A.P. 511 417 Exproved by Mill To specific Militared to PST to Kakimada Associated by S. V. wale A. Grader (November of Science of Authors of Stand 12 (Not 11 of 1956) of 1951 157233 kt Walters www.pragatracin

STUDENTS ENROLLED

5.NO ROLL NO		NAME	SIGNATURE		
1	17A31A0353	Vadaparthi Sai	Su		
2	17A31A0368	Nunna sri latha	Silama		
3	17A31A03A5	Pitham Anand raj kumar	Ray Cem		
4	17A31A03A9	Seelam Kumar venkata sai	ventout		
5	17A31A03B4	Velpula Sujith	solito.		
6	17A31A03B9	Bodapati Rajanagendra	Kajanagendre		
7	17A31A03C7	Ganji Ranjith kumar	Lavoitte		
8	17A31A03D3	Jagatha Praveen	J. Playeen		
9	17A31A03D7	Kasi Salem bob	Salon (206		
10	17A31A03E1	Koyyata Siya vikas	giva Vices.		
11	17A31A03G8	Vanaparthi Naga sai sabharish	Sai Sabhadi		
12	18A31A0355	B Sairam	Besalow		
13	18A31A0363	Geesala Sudheer	Endher		
14	18A31A0369	Kutchu Maniteja	mant en		
15	18A31A0375	Manaparthi Eswar rao	2 Elwan		
16	18A31A0378	Mummidi Mukesh ramakrishna	Kom Cu		
17	18A31A0383	Nunna Venkata naga sai manikanta	want center		
18	18A31A03A1	Verikondi Lakshmikumar	year Carthy C		
19	18A35A0321	Mogga Venkatesh	Mr. Verlande		
20	18A31A03A8	Desalanka Padma dora	Dolar.		
21	18A31A03B0	Ernagula Kiran	kilan.		
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	Su Kaj		
23	18A31A03C3	Kesamsetti Saivinay	L. Salvernet		
24	18A31A03C7	Medisetti Satya surya markandeya swamy	Comme O		
25	18A31A03D3	Palli Arun kumar	2 Armer		
26	18A31A03E9	Tulasi Tilaksaisrinivas	Services		
27	18A31A03F1	Vaidadi Suneel	V. Sureal.		
28	18A31A03F5	Yadla Saicharan	Chalu		

Co-ordinator

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) 1-378, ADB ROAD, SURAMPALEM Near Peddapurum, E.G.Dt. (AP)-533 437.



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(Approved by AR-11. Permanently Affiliated to US (CK) Kakinada. Accredited by TAVK, with A. Gride-(Recommed by VAG. Under Schliebe 2(f) and 12 (B) of Unit (A) (200). Ph/08852 (2522) 1-14. Website www.prananac.iii

STUDENTS ATTANDED

S.NO	ROLL NO	1012	11/2	12/2	13/2	14/2
1	17A31A0353	A	P	P	9	P
2	17A31A0368	P	A	P	P	P
3	17A31A03A5	P	P	A	P	P
4	17A31A03A9	P	P	P	A	P
5	17A31A03B4	9	P	P	P	A
6	17A31A03B9	4	P	P	P	P
7	17A31A03C7	P	P	P	P	P
8	17A31A03D3	8	P	P	P	P
9	17A31A03D7	P	P	P	P	P
10	17A31A03E1	ρ.	P	P	P	P
11	17A31A03G8	9	P	P	P	P
12	18A31A0355	P	8	P	P	P
13	18A31A0363	P	P	P	P	P
14	18A31A0369	A	P	P	P	P
15	18A31A0375	A	P	P	A	P
16	18A31A0378	A	A	P	P	P
17	18A31A0383	P	P	P	A	P
18	18A31A03A1	8	A	P	P	P
19	18A35A0321	P	P	A	P	P
20	18A31A03A8	P	A	P	P	₽
21	18A31A03B0	P	P	A	P	P
22	18A31A03B2	P	P	P	A	P
23	18A31A03C3	P	A	P	P	P
24	18A31A03C7	P	P	P	A	P
25	18A31A03D3	A	P	P	P	P
26	18A31A03E9	P	P	A	P	ρ
27	18A31A03F1	P	A	P	P	P
28	18A31A03F5	P	P	P	P	P

Co-ordinator



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(AUTONOMOUS)

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A 1914 Road. Surampalem 1 G Dt. A P = \$35.437 1 Approved by AR 11 Permanently Affiliated to INTUK. Kakinada: Accredited by NAVAC with "A Grader 1Recognized by 1 Gt. Under Sections 2(f) and 12 (B) of 1 Gt. act. 1056; Ph 08852 - 252233-34. Website www.pragation.in

Report On Electrical(Commercial) Expert Workshop

Date: 16-2-2020

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Expert Workshop was held on 10-2-2020 to 15-2-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Fundamentals of Refrigeration and Ton of Refrigeration to the students of B.Tech II & III year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 28 No of students participated in this work shop.

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Co-ordinator

W

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Near Peddapuram, E.G.Dt. (AP)-533 437

(Autonomous)

ALDEROAD Surampalem (G.Dt. A.F. -11.417

(Approxists Alt 11, Permanents Affiliated to INTL's, Kakmala Accredited by SAM, with A. Gradet (Recognized by LCit. Under Sections 2(1) and 12 (18) of UGC act. 1936) Ph 08852 252233 14 Website www.pragatiac.in

APSSDC R&AC LAB - FEEDBACK

Date: 15-2-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) EXPERT".

Date / Venue

:10-2-2020 to 15-2-2020/Apssdc R&AC Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Auwage Poor Good

Method of Delivery:

Related to Subject:

Is the Topic useful for career:

Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dtv (AP)-533 437



This is to certify that Vadaparthi Sai

Bearing number APSSDC/Siemens/M/32178 has successfully

completed ELECTRICAL(COMMERCIAL) EXPERT Course

Conducted at

Pragati Engineering College

From 10-Feb-2020 to 15-Feb-2020

Siemens Industry Software India Pvt, Ltd

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This is an auto generated Certificate and does not require Signatures



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(AUTONOMOUS)
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Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Nunna sri latha

Bearing number APSSDC/Siemens/M/32179 has successfully

completed ELECTRICAL(COMMERCIAL) EXPERT Course

Conducted at

Pragati Engineering College

From 10-Feb-2020 to 15-Feb-2020

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Par Peddapuram, E.G.Dt. (AP)-533 437



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DI PARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date:27-8-2019

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a EXPERT WELDING WORKSHOP on 3-9-2019 to 11-9-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 31-8-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 3-9-2019

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Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Arc welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

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VOR Road, Surampoler 115 Dr. A.P. 511-117

(Approved by AR 11 Permanently Affiliated to 15-71 K. Kakimada, Accredited by NAM, with A. Grade) (Recognized by LIGC Under Sections 20) and 12 (II) of FGC act, 1966) 1% (18852 - 252231 1) Website www.pragatrac.m

Outcome of the course

After completing this course, a student will be able to

- Describe and demonstrate proper welding shop safety.
- Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas weiding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting
- Describe how the effects of heat, metal thickness and metal length influence cutting

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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STUDENTS ENROLLED

5.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0312	B.T.S Trinadh	Tomade
2	18A31A0316	Ch. Dorababu	CFI-DORABABO
3	18A31A0331	K. Sri Satish Chandra	Soush
4	18A31A0337	M. Suresh	- M. Suren
5	18A31A0355	Sai Ram	Saisam
6	18A31A0363	G. Sudheer	4. Sidheer
7	18A31A0375	M. Eswar Rao	M. CSwo
8	18A31A0379	Satish kumar	Satist
9	18A31A0383	N Manikanta	N. Manetado
10	18A31A0392	Manikiran	maru Karan
11	18A31A0394	S. Praveen	8. Pravier
12	18A31A0397	T. Pavan	T. Pavan
13	18A31A03D3	P. Arun Kumar	D. Arus Cano
14	18A31A03D5	P. Veerendra	P. veerendia
15	18A31A03D9	P. Kartheek	p. tarteet
16	18A31A03E9	Filak Sai Srinivas	T. Sai
17	19A35A0332	G Devi Naga Manikanta	Manitant
18	19A35A0336	M Naga Krishna	Molaga Comba
19	19A35A0337	N Venkat	N. Venkat
20	19A35A0340	R. Vinay	R. vinay
21	19A35A0341	R Leela Satish Kumar	R.L. Satist
22	19A35A0342	S Satish Kumar	s. satisz
23	18A31A03G4	Ch Srikar	Ch-Srikan
24	18A31A03I3	M. Veera Pradeep	m. Yeura Grader.
25	18A31A03J0	P Vara Prasad	P. Varapasol

Co-ordinator

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STUDENTS ATTENDED

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1	18A31A0312	. A	P	P	P	P		
2	18A31A0316	P	P	P	P	P		
3	18A31A0331	P	P	A	P	1		
4	18A31A0337	P	1	P	P	P		
5	18A31A0355	P	P	P	P	A		
6	18A31A0363	P	0	6	A	P		
7	18A31A0375	P	A	P	P	P		
8	18A31A0379	P	P	P	P	P		
9	18A31A0383	A	8	P	P	P		
10	18A31A0392	P	P	A	P	P		
11	18A31A0394	P	P	9	6	Α		
12	18A31A0397	P	A	P	P	P		
13	18A31A03D3	P	P	P	P	6		
14	18A31A03D5	A	P	P	P	P		-
15	18A31A03D9	P	P	A	P	P		
16	18A31A03E9	P	P	P	P	A		
17	19A35A0332	1	P	P	A	8	-	4
18	19A35A0336	P	A	P	9	8		
19	19A35A0337	0	P	P	P	P		
20	19A35A0340	8	P	P	P	P		
21	19A35A0341	P	0	P	A	P		
22	19A35A0342	A	P	P	P	P		
23	18A31A03G4	P	9	P	P	8		
24	18A31A03I3	P	P	A	P	P		
25	18A31A03J0	P	P	P	P	A		

Co-ordinator

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19: 108852 252233 31 Website www.pragation.in

Report On Expert Foundation of Welding

Date: 12-9-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Expert Foundation of Welding workshop was held on 3-9-2019 to 11-9-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 19 no of students participated in this work shop.

Co-ordinator

W

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APSSDC WELDING LAB - FEEDBACK

Date: 11-9-2019

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Litle of Training Program

:"EXPERT WELDING".

Date / Venue

:3-9-2019 to 11-9-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

YES/NO

5 Suggestions if any:

PRAGATI ENGINEERING COLL Near Pendaguram, E.G.Ot. (AP)



This is to certify that B.T.S Trinadh

Bearing number APSSDC/Siemens/M/16891 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 3-Sep-2019 to 11-Sep-2019

Siemens Industry Software India Pvt. Ltd

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This is to certify that Ch. Dorababu

Bearing number APSSDC/Siemens/M/16892 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

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Appropriate ACTI Perminents Affiliated to INII K. Kakanada, Accredited by SAAC watte A Gradel (Recognized of LGC Under Sections 2rt) and 12 (Hard HGC ac) 1996).

126 (1885) 252241-34 Website www.pragan.ac.m.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 18-2-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a EXPERT WELDING WORKSHOP on 25-2-2020 to 3-3-2020 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 22-2-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 25-2-2020

HOD - ME

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Circulate among ME Students and Faculty, Dept. File. ME Notice Board Principal for information.



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Approved by CR (1) Process its Affiliated to D. S. Askinada Accredited by 1. Socials A. Cotades "Recognized by 11st 1 index Section 10 and 12 (Blood 10) and 12 1% (x84) 252213 TI Uphone www prapati as in

Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc.

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. I'se of Oxy Acetylene, Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/ brazing cu to cu. cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

Co.ordinata

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437

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ADIT Road Surampalem 1 G Dr. VP 533-437

(Approved by ARCTI: Permanenth Affiliated to INTLK Kakanada, Accredited by NAAC with 'A Grader (Recognized by UGC Under Sections 2(f) and 12 rB) of UGC act. 1956)

[th 18852 252233, 34 Website www.pragati.ac.in]

Outcome of the course

After completing this course, a student will be able to:

- Describe and demonstrate proper welding shop safety.
- Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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Co.ordinator

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0310	Arava Vivek	Wivek
2	18A31A0330	Katipalli Sweet Babu	K. Speed 30h
3	18A31A0338	Nama Nagababu	N. Naga Bobi
4 5	18A31A0345	Patnala Guna Sagar	P. Inutra Sagar
5	18A31A0347	Pilla Sandeep	- Danders
6	18A31A0348	Pyla Ganesh	p Ganesh
7	18A31A0359	Chikkala Vinayak	On Virayet
8	18A31A0360	Darbha Sandeep Datta	D. SAYFOLD
9	18A31A0368	Kotikalapudi Vishnu Kalyan	Vesting 15
10	18A31A0378	Mummidi Mukesh Rama Krishna	m.mukest Par
11	18A31A0381	Nathipam Ganesh	N. Ganesh
12	18A31A0386	Pithani D M Satya Sai Vara Prasad	brased.
13	18A31A0388	Potnuri Sai Krishna	2 Saistruck
14	18A31A03A6	Boddu Ajay Kumar	Ain
15	18A31A03B1	Elesetti Sandeep	E Sandeet
16	18A31A03C4	Kilaparthi Sandeep Kumar	L' Sandan
17	18A31A03C7		Iwamy
18	18A31A03D2	Nurukurthi Durga Prasad	N. Durga pr
19	18A31A03D4	Pyla Shalem Kumar	P. Shallen
20	19A35A0348	Kotipalli Praveen	Pranuen.

Co-ordinator



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STUDENTS ATTENDED

NO.	ROLL SO	26/2	26/2	2712	2/3	213		
1	18A31A0310	A	P	P	. (7		
2	18A31A0330	P	A	P	1	P		
3	18A31A0338	8	P	À	P	P		
4	18A31A0345	1	P	P	A	P		
5	18A31A0347	P	P	P	0	A		
6	18A31A0348	P	P	P	P	P		
7	18A31A0359	0	P	A	P	P		
8	18A31A0360	P	P	8	0	8		
9	18A31A0368	A	P	P	P	0		
10	18A31A0378	P	P	P	P	8		
11	18A31A0381	P	P	P	A	P		
12	18A31A0386	P	8	0	P	P		
13	18A31A0388	0	P	8	P	P		
14	18A31A03A6	P	P	A	P	D		
15	18A31A03B1	0	P	P	P	8		
16	18A31A03C4	0	A	0	P	A	1	
17	18A31A03C7	P	P	P	P	1		
18	18A31A03D2	P	1	P	P	P		
19	18A31A03D4	P	P	1	P	P		
20	19A35A0348	A	P	P	D	P		

MO Co-ordinator

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Near Peddapuram, E.G.Dt. (AP) 533 437



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Report On Expert Foundation of Welding

Date: 4-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Expert Foundation of Welding workshop was held on 25-2-2020 to 3-3-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC. TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC. TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 20 no of students participated in this work shop.

Co-ordinator

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



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APSSDC WELDING LAB - FEEDBACK

Date: 3-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKI-SII

Title of Training Program

"EXPERT WELDING".

Date / Venue

:25-2-2020 to 3-3-2020/Apssdc WELDING Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING CO. (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPA Near Peddapuram, E.G.Dt. (AP)-532 437



This is to certify that Nama Nagababu

Bearing number APSSDC/Siemens/M/75918 has successfully

completed EXPERT WELDING Course

Conducted at

Pragati Engineering College

From 25-Feb-2020 to 3-Mar-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

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Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Patnala Guna Sagar

Bearing number APSSDC/Siemens/M/75919 has successfully

completed EXPERT WELDING Course

Conducted at

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From 25-Feb-2020 to 3-Mar-2020

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(Autonomous)

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1 Recognized by 1 G Under Sections 2(D and 2 GU of DGC act, 1946)
1 Ph. 10085 2 252233 34. Website www.plagati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:19-8-2019

CIRCULAR

It is to inform all the students of B.Tech II year I sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 26-8-2019 to 31-8-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 23-8-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 26-8-2019

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Near Peddapuram, E.G.Dt. (AP)-533 137



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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

Co. ordinates

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

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Outcome of the course

After completing this course, a student will be able to

- Describe and demonstrate proper welding shop safety.
- · Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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Co.ordinata

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PRAGATI ENGINEERING COL. Et.
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



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STUDENTS ENROLLED

SNO	ROLL NO	NAME:	SIGNATURE
1.	18A31A0312	B.1.S Trinadh	Tomadh
2	18A31A0316	Ch. Dorababu	
3	JRA31A0331	K. Sri Satish Chandra	Sai chandra
4	18A31A0337	M. Suresh	· Sure
.5	18A31A0355	Sai Ram	300 ya
6	18A31A0363	G. Sudheer	SUDHEER
7	18A31A0375	M. Eswar Rao	Eman Por
8	18A31A0379	Satish kumar	18A 21A0279
9	18A31A0383	N Manikanta	Marikanta
10	18A31A0392	Manikiran	Lun
11	18A31A0394	S. Praveen	Drauee
12	18A31A0397	T. Pavan	Pavan
13	18A31A03D3	P. Arun Kumar	Arun.
14	18A31A03D5	P. Veerendra	1001~
15	18A31A03D9	P. Kartheek	of anthread.
16	18A31A03E9	Tilak Sai Srinivas	T. Sonas
17	19A35A0332	G Devi Naga Manikanta	Hanikanla ,
18	19A35A0336	M Naga Krishna	M.N. Engle
19	19A35A0337	N Venkat	Venleat
20	19A35A0340	R. Vinay	Russian
21	19A35A0341	R Leela Satish Kumar	Satish Kumar
22	19A35A0342	S Satish Kumar	3-501:56
23	18A31A03G4	Ch Srikar	Ena
24	18A31A03I3	M. Veera Pradeep	M. Balen
25	18A31A03J0	P Vara Prasad	P. vopras



Co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
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1-378, ADB ROAD, SURAMPALEM
Neat Peddapuram, E.G.Dt. (AP)-533 437



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STUDENTS ATTENDED

5.50	ROLL NO	26/8	27/8	28/8	29/8	30/8
1	18A31A0312	P	P	8	6	P
2	18A31A0316	P	P	P	P	P
3	18A31A0331	P	P	(3)	9	P
4	18A31A0337	P	P	P	9	P
5	18A31A0355	P	P	P	P	P
6	18A3TA0363	P	P	A	6	P
7	18A31A0375	P	A	P	P	8
8	18A31A0379	P	P	0	P	P
9	18A31A0383	P	P	8	P	0
10	18A31A0392	P	è	è	A	P
11	18A31A0394	9	è	P	P	D
12	18A31A0397	A	P	P	P	D
13	18A31A03D3	P	P	0	0	P
14	18A31A03D5	P	P	P	9	9
15	18A31A03D9	P	P	0	A	p 1
16	18A31A03E9	P	0	P	P	P
17	19A35A0332	P	9	0	b	Ď.
18	19A35A0336	P	P	8	P	9
19	19A35A0337	P	P	P	0	P
20	19A35A0340	P	P	8	0	P
21	19A35A0341	P	P	P	ò	P
22	19A35A0342	P	P	9	D	è
23	18A31A03G4	P	P	0	P	P
24	18A31A03I3	P	P	D	0	P
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Report On Basic Foundation of Welding

Date: 3-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 26-2-2019 to 2-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 25 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date:31-8-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

:26-8-2019 to 31-8-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Ijood Ijood Excellent

3

Related to Subject:

4

Is the Topic useful for career:

5

Suggestions if any:

YES/NO Joog

PRINCIPAL PRAGATI ENGINEERING COLLEG (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that M. Eswar Rao

Bearing number APSSDC/Siemens/M/16531 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 26-Aug-2019 to 31-Aug-2019

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures



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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Satish kumar

Bearing number APSSDC/Siemens/M/16532 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 26-Aug-2019 to 31-Aug-2019

Siemens Industry Software India Pvt. Ltd

APSSDC

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437





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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 12-9-2019

CIRCULAR

It is to inform all the students of B.Tech II year I sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 19-9-2019 to 25-9-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 16-9-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 19-9-2019

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.



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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylenc, Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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Outcome of the course

After completing this course, a student will be able to

- · Describe and demonstrate proper welding shop safety.
- · Read and interpret symbols and plans utilized in the Welding industry
- · Demonstrate competency in shielded metal arc welding.
- · Demonstrate competency in metal inert gas welding
- . Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A03A6	Boddu Ajay Kumar	Ajay
1	18A31A03A7	Cheepurupalli Murali Krishna	d. Masia
3	18A31A03B1	Elisetti Sandeep	Sanders
4	18A31A03B2	Gandepalli Vishnu Vardhan Sri Raj	B. St 994
5	18A31A03C2	Katta Praveen Srinivas	E-Smila
6	18A31A03C5	Kothapalli Shekhar	C-Shethar
7	18A31A03C7	M Satya Surya Markandeya Swamy	Harkandeya
8	18A31A03D1	Nela Chaitanya Teja	NO. Tela
9	18A31A03D2	Nurukurthi Durga Prasad	N.D. Prosas
10	18A31A03E0	Prathipati Sai Manoj	Manoi
11	18A31A03E2	Saipureddy Siva Sai Ram	3. Siva Seli
12	18A31A03F6	Yellaboina Satish	Y. Sectish
13	19A35A0339	R Vinay kumar	Luman
14	18A31A0314	Meka Sai Praneeth	M. Sus
15	18A31A03J6	Sheik Nazeem	Nazeen
16	18A31A03G3	Chandramalla Bhagath	an Phagatt
17	18A31A03G6	Chintapalli Ramesh	Dames_
18	18A31A03H2	K Mani Sridhar	Solean
19	18A31A03J8	Thotakura Dharmendra	T. Dharmendr
20	18A31A03G9	G Veera Venkata Sathya Narasimha	3 ulasa Simho
21	18A31A03K5	Y Bala Venkata Krishna	Kourhie
22	19A35A0345	K Ajay Kumar	Ajay kuman
23	19A35A0350	M Sanjay	M. Sonial
24	19A35A0352	N H S Bulliyya	Bulliya .
25	19A35A0355	T Surya Kumar	J. Surya Cum

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4	18A31A03D2	P	. 6	P	P	1			
10	18A31A03E0	A	P	P	6	P			
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13	19A35A0339	8	P	P	P	P			
14	18A31A03I4	8	8	P	8	P	1		
15	18A31A03J6	P	P	P	8	P			
16	18A31A03G3	P	P	P	P	P			
17	18A31A03G6	8	P	P	6.	P			
18	18A31A03H2	P	P	P	A	9			
19	18.\31A03J8	2	P	P	P	P			
20	18A31A03G9	9	P	P	P	P			
21	18A31A03K5	8	P	P	8	P			
22	19A35A0345	8	P	P	P	A			
23	19A35A0350	18	P	P	P	P			
24	19A35A0352	P	8	P	P	P			
25	19A35A0355	9	P	P	P	Þ			

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252233 34 Website www.pragatiacin

Report On Basic Foundation of Welding

Date: 26-9-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 19-9-2019 to 25-9-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. IIG welding, MIG welding. The expert also discussed the techniques of ARC. TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC. TIG. and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 25 no of students participated in this work shop.

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APSSDC WELDING LAB - FEEDBACK

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Fitle of Training Program : "BASIC FOUNDATION OF WELDING".

Date / Venue

:19-9-2019 to 25-9-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date: 25-9-2019

Usefulness of Topic:

Annage Exercent I good

Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

Suggestions if any:



This is to certify that Katta Praveen Srinivas

Bearing number APSSDC/Siemens/M/17316 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 19-Sep-2019 to 25-Sep-2019

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatur

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437





This is to certify that Kothapalli Shekhar

Bearing number APSSDC/Siemens/M/17317 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 19-Sep-2019 to 25-Sep-2019

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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List Recognized by AlCTL Permanently Affiliated to INTL Kind which Secredited by N. V. with A. Gradet Recognized by L.G. Under Sections 200 and 12 strot RG art 19576.

Ph. 188852 252233-34 Website www.pragatilac.in

DEPARTMENT OF MECHANICAL LINGINGERING

Surampalem. Date:25-11-2019

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 2-12-2019 to 9-12-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 30-11-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 2-12-2019

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Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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PRAGATI ENGINEERING COLLEGE

(Autonomous)

Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

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TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches. Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

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Approxed by 20.11. Permanently Militated to JN11 & Kakunada. Accredited by NAAC with A Credited Proceedings of the Local Conference of the Local Conference

Outcome of the course

After completing this course, a student will be able to:

- Describe and demonstrate proper welding shop safety.
- Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- · Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0313	Bondada Keshay	- Lesais
.2	18A31A0314	Challa Vecra Yaswanth Kumar	ch. Jeferanet
3	18A31A0326	Gosula Surya Prakash Raju	Brakash Ram
4	18A31A0333	Mattapalli Pavan Sai	M. Paint
5	18A31A0334	Malasani Venkata Ramana	Ramana .
6	18A31A0335	Matta Mohan Satya Sai Venkat	Vouloat
7	18A31A0374	Manga Veera Chandra Sekhar	goldion.
8	J8A31A0384	Penke Hemanth Kumar	2. Hemantt
9	18A31A0387	Pitta Daante	Dagote
10	19A35A0323	Merugu Kiran Kumar	two buna.
11	18A31A03B8	Karanam Trinadh	1 100 hadh
12	18A31A03D0	Nekkanti Sai Nilekh	Nilekh
13	18A31A03E3	Savarapu Bharath Kumar	8. Bherat
14	18A31A03E7	Teku Anish	Anish
15	18A31A03F3	Varada Tarun Kumar	Vitaru
16	19A35A0330	Dudala Ramakrishna Subrahmanyam	Subrahmanyam
17	19A35A0334	Koripuri Bhanu Varun	Elen.
18	19A35A0338	Nooni Raghu Ram	Raghuram
19	18A31A03H3	Koppaka Prudhvi Sai	C. Paudlus
20	18A31A0317	Nama Ram Pavan Kumar	Pavan Kunan
21	18A31A0319	P Veera Venkata Ganesh Pavan Kumar	the state of the s
22	18A31A03J3	Ravipati Venkata Bhanu Prakash	P. Rhay Oator
23	18A31A03J4	Rayudu Ramakrishna	Ramakrishna.
24	18A31A03K1	Vanka Sri Harshith Chowdary	Claud.

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Ot. (AP)-533 437



(Autonomous)

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STUDENTS ATTENDED

S.NO	ROLL NO	2/12	3/12	412	6/12	9/12			
1	18A31A0313	9	P	P	8	P			
2	18A31A0314	8	P	9	8	P			
3	18A31A0326	P	P	P	P	P			
4	18A31A0333	P	8	P	P	8			1
5	18A31A0334	6	P	P	P	P			
6	18A31A0335	0	P	P	P	P			
7	18A31A0374	9	A	P	P	P			
8	18A31A0384	8	8	P	P	P		4	
9	18A31A0387	P	P	P	P	8			
10	19A35A0323	A	8	P	P	P			
11	18A31A03B8	P	P	P	P	P			
12	18A31A03D0	9	8	P	6	P			
13	18A31A03E3	P	R	P	P	P			
14	18A31A03E7	P	8	A	P	P			
15	18A31A03F3	P	P	P	P	P			
16	19A35A0330	P	8	8	P	P			
17	19A35A0334	P	C	P	P	P			
18	19A35A0338	P	C	8	A	P			
19	18A31A03H3	P	P	P	P	P			
20	18A31A03I7	P	P	8	P	P			
21	18A31A0319	9	P	0	P	P			
22	18A31A03J3	P	P	P	8	P			
23	18A31A03J4	P	P	P	P	A	· .	~	
24	18A31A03K1	P	P	P	P	P.		-	

Co-ordinator





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Report On Basic Foundation of Welding

Date: 10-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 2-12-2019 to 9-12-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC. TIG. MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC. TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 24 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date: 9-12-2019

DEPARTMENT

. Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

:2-12-2019 to 9-12-2019/Apssdc WELDING Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

Very good

2 Method of Delivery: good

3

Related to Subject:

Excerent

Is the Topic useful for career:

5

Suggestions if any:



This is to certify that **Gosula Surya Prakash Raju**Bearing number **APSSDC/Siemens/M/17586** has successfully completed **BASIC FOUNDATION OF WELDING** Course

Conducted at

Pragati Engineering College

From 2-Dec-2019 to 9-Dec-2019

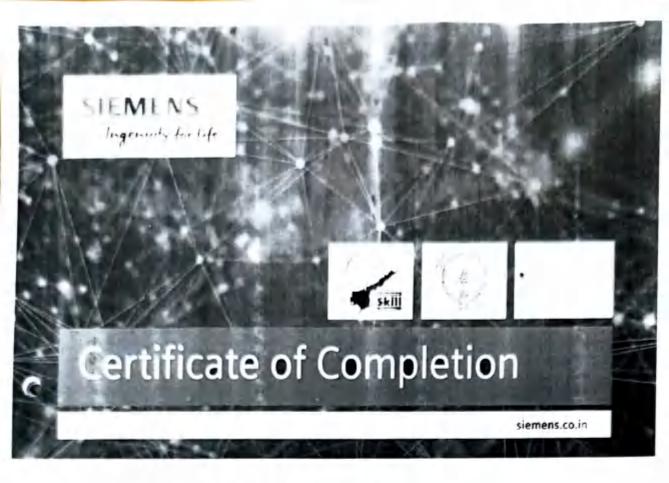
Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures PRINCIPAL





This is to certify that Mattapalli Pavan Sai

Bearing number APSSDC/Siemens/M/17587 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 2-Dec-2019 to 9-Dec-2019

Siemens industry Software India Pvt. Ltd.

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Design Tech Systems Limited

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4



DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date 10-12-2019

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 17-12-2019 to 24-12-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor. Department of Mechanical Engineering on or before 14-12-2019. The no. of participants to this are limited. preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 17-12-2019

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM

1-378, ADB RUAD, SUKAP)-533 437 Near Peddapuram, E.G.Dt. (AP)-533 437

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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-I

Introduction to basic principles of commonly used Welding processes, Arc welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

Co.ordinata

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PRAGATI ENGINEERING COLLEG.
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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(Recognized in Lot 1 index Sections To and 12 (Blad Lot an 1974)

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Outcome of the course

After completing this course, a student will be able to

- Describe and demonstrate proper welding shop safety.
- Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- . Demonstrate completency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

Co-adinata

PRINCIPAL PRINCI

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

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(Autonomous)

Appearance of the Control of the Con

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
-1	18A31A0318	Dhulipudi Apparao	D. Appadas
2	18A31A0321	Nandababu Gundra	Wanda Babu
3	18A31A0327	libe Akshaya Kumar	I Merlaya
4	18A31A0332	Kurasa Manikya Chakradhar	Chakradhar
5	1943540314	Vemavarapu Sandeep	Vi Sai Leep
6	18A31A0361	Dinidi Naga Prashanth	D. Prasa Mr.
7	19A35A0315	Akumarthi Niranjan	Miranjan
8	19A35A0316	Allu Subramanyam	A. Subbe
9	19A35A0317	Chirra Yuvaraj Prasad	On Yuman
10	19A35A0322	Kaduluri Joseph	do
11	19A35A0326	Perelli Satish Kumar	P. Batro
12	18A31A03A5	Anugula Sumanth	Smann
13	18A31A03B3	Golla Datta Veera Manoj	60. Many
14	18A31A03B5	Gunnam Akhil	Gr. ACW!
1.5	18A31A03C9	Nakanaboina Uma Srinivasu	8mm
16	18A31A03E1	Shaik S J Hussain Kareemulla Sha Khadari	Human
17	18A31A03F4	Yellaboina Venkata Sai Sri Harsha	Name
18	18A31A03F9	Akkireddi Madhu	A-Madher
19	18A31A03G1	Balagam Nirosh Varma	B. woul
20	18A31A03G8	Gampala Pavan Satya Kumar	Salygume
21	18A31A03I6	Nakka Chakravarthi	M. Eliastraiants
22	18A31A03K2	Vasa Mohan Kumar	Mohan Kyman
23	18A31A03K7	Siva Shankar Kumar Swamy Neela	N. Qua shalo
24	19A35A0351	Mummina Devi Vara Prasad	Varapraised

Co-ordinator

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STI DENTS ATTENDED

5.NO	ROLL NO	12/12	18/12	1912	2349	24/12	
1	18A31A0318	A	P	0	P	P	
2	18A31A0321	P	P	P	P	9	
3	18A31A0327	P	A	P	6	P	
-4	18A31A0332	P	P	0	D	P	1
5	19A35A0314	P	P	9	A	P	
6	18A31A0361	P	P	9	P	P	+
7	19A35A0315	0	0	P	P	0	
8	19A35A0316	0	9	P	0	A	_
9	19A35A0317	P	P	P	0	0	+
10	19A35A0322	0	A	0	0	P	
11	19A35A0326	0	P	A	P	0	+
12	18A31A03A5	P	P	P	0	P	+
13	18A31A03B3	P	0	P	A	9	+
14	18A31A03B5	P	9	0	0	0	1
15	18A31A03C9	P	P	0	0	P	1
16	18A31A03E1	P	0	P	A	P	
17	18A31A03F4	0	0	9	0	P	+
18	18A31A03F9	p	A	P	P	P	-
19	18A31A03G1	0	0	P	0	A	
20	18A31A03G8	P	0	P	P	0	
21	18A31A03I6	P	0	P	P	0	-
22	18A31A03K2	P	9	A	1	0	-
23	18A31A03K7	1	1	0	P	P	-
24	19A35A0351	P	1	P	P	A	

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PRAGATI ENGINEERING COLLEGE

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Near Peddapuram, E.G.Dt. (AP)-533 437



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Report On Basic Foundation of Welding

Date: 26-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 17-12-2019 to 24-12-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC, TIG. MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 24 no of students participated in this work shop.

Co-ordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



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APSSDC WELDING LAB - FEEDBACK

Date:24-12-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

:17-12-2019 to 24-12-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5:

5 Excellent

4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Annage Annage Uny good

3 Related to Subject:

4 Is the Topic useful for career:

5 Suggestions if any:



This is to certify that Ithe Akshaya Kumar

Bearing number APSSDC/Siemens/M/18213 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 17-Dec-2019 to 24-Dec-2019

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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This is to certify that Kurasa Manikya Chakradhar

Bearing number APSSDC/Siemens/M/18214 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

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From 17-Dec-2019 to 24-Dec-2019

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



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1 Approved by AR 15 Commonwood Affiliated to PNTL 6. Submada Accredited by 54.56 or 0. 5 Grades

Medium Art 56 11 Under Sections 31 and 12 (B) of 1.63 act 1956s

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:20-12-2019

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 27-12-2019 to 3-1-2020 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 23-12-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 27-12-2019

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Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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1-378, ADB ROAD, SURAMPALEN
Near Peddapuram, E.G.Dt. (AP)-533, 437

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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Lopic Covered

TOPIC-I

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding, Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

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TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

Co. ordination

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437





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(Recognized by 1.14 Ender Sections 1 and 12 (B) of U.G. and 1956)

Ph. 1985 2 552233, 34 Western www.pragation.com

Outcome of the course

After completing this course, a student will be able to:

- Describe and demonstrate proper welding shop safety.
- · Read and interpret symbols and plans utilized in the Welding industry
- · Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

Co.ordinator

PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

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* Approved to All 11 Perman. * All literated to 18:11 s. Kakmado According by NAM units A Grades (Recognized by the Uniter Sections 2(1) and 12:14-21 for acc 1936).

Ph. 1885-2-252231-31 Website 1886 in present in in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0310	Arava Vivek	Avivet
2	18A31A0319	Doma Raghavendra Hari Hara Pavan	- A vivet
3	18A31A0336	Mummidi Veera Venkata Sai Akhil	Able
4	18A31A0539	Nidadavolu Sesha Sai Abhiram	Alam
5	18A31A0350	Sayed Danish Hameed	Harreel
6	19A35A0307	Chokka Sunil	Ch. Senel
7	18A31A0357	Buddala Venkata Prasanna Krishna	Prasam
8	18A31A0370	Lalith Kishan Rachamalla	Kise
9	18A31A0390	Rayudu Siva Narendra	P. plooney
10	18A31A0395	Seenu Venkatesh	Sventakel
11	18A31A0396	Surada Surya Dileep	Delup
12	18A31A03A0	Vasa Pradeep	U. Drondon D
13	18A31A03C4	Kilaparthi Sandeep Kumar	Dender 1
14	18A31A03C8	Munduri Satish	M. Catill
15	18A31A03D7	Paskadi Arun Kumar	D. Asyl
16	18A31A03E4	Shaik Imran	Times
17	18A31A03E6	Sunkara Champak Sai Sri	82 Sue a
18	18A31A03F1	Vaidadi Suneel	17. Surce
19	19A35A0329	Avantsa Veera Ravi Kiran	Pari
20	19A35A0331	Durgasi Bheema Maruthi Umasurya	TO GOTUL

Co-ordinator

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PRINCIPAL PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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LApproved by All II. Pennimenth Affiliated to USTER, Kakimadit, According to NAST with A Gradies (Recognized by UGL Ender Sections 201) and 12 (Bi of LCa, act. 1970) 126-18852 252233-31. Website www.pragatiac.m.

STUDENTS ATTENDED

S.NO	ROLL NO	solis	20/12	31/12	211	112
1	18A31A0310	Δ	P	P	F	1
2	18A31A0319	P	A	P	P	0
2	18A31A0336	8	P	A	P	P
4	18A31A0339	P	0	P	. 0	P
5	18A31A0350	P	P	0	A	P
6	19A35A0307	P	P	P	P	D
7	18A31A0357	P	6	P	8	A
8	18A31A0370	P	A	P	P	8
9	18A31A0390	P	8	0	0	P
10	18A31A0395	P	P	P	0	P
11	18A31A0396	8	8	A	P	P
12	18A31A03A0	P	P	P	P	P
13	18A31A03C4	P	A	P	P	P
14	18A31A03C8	P	P	0	A	P
15	18A31A03D7	P	P	A	P	P
16	18A31A03E4	P	P	P	P	P
17	18A31A03E6	P	P	P	P	A
18	18A31A03F1	AI	P	P	P	P
19	19A35A0329	P	P	A	P	P
20	19A35A0331	P	P	P	A	Þ

Co-ordinator

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[Ph. 1988 2 252233 34 Website www.pragatrac.in.

Report On Basic Foundation of Welding

Date: 4-1-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 27-12-2019 to 3-1-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 20 no of students participated in this work shop.

Co-ordinator

W

PRINCIPAL
PRAGATI ENGINEERING COLLEGE.

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APSSDC WELDING LAB - FEEDBACK

DIPARIMENT

: Mechanical I ngineering

ACADI MIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date Venue

:27-12-2019 to 3-1-2020/Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Date:3-1-2020

Usefulness of Topic:

Very good Very good Good

7 Method of Delivery:

Related to Subject:

Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Mummidi Veera Venkata Sai Akhil

Bearing number APSSDC/Siemens/M/19127 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 27-Dec-2019 to 3-Jan-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that **Nidadavolu Sesha Sai Abhiram**Bearing number **APSSDC/Siemens/M/19128** has successfully completed **BASIC FOUNDATION OF WELDING** Course

Conducted at

Pragati Engineering College

From 27-Dec-2019 to 3-Jan-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures PRINCIPAL

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ADRI South Southpublic 11. Dr. A.P. 551.1)

Approved by A.E. F. Permaneuth Africated in 12.10 K. Kakinada, Associated by SAAC with A Cambon Recommend by L.E. Lad Lander Sections 2(Panel 12.4R) of L.E. a.y. 1986)

Ph. 18852 252247. 14 Website www.prayation.com

DEPARTMENT OF MECHANICAL ENGINFERING

Surampalem. Date: 28-1-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 4-2-2020 to 11-2-2020 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor. Department of Mechanical Engineering on or before 1-2-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 4-2-2020

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Copy to

Circulate among ME Students and Faculty.
Dept. File.
ME Notice Board
Principal for information.

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PRAGATI ENGINEERING COLLEGE
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Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes, Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/ brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

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PRINCIPAL

PRAGATI ENGINEERING COLLEG (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



(Autonomous)

ADDR Road Strangerson F. G.Dr. A.P. 144-1.

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[Ph. 08852 183211 11 Website www.pragation.org

Outcome of the course

After completing this course, a student will be able to

- · Describe and demonstrate proper welding shop safety.
- · Read and interpret symbols and plans utilized in the Welding industry
- · Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

co.ordinator

W

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMDALEY
Near Peddapuram, E.G.Dt. (AP)-535-737



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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE.
1	18A31A0308	Allam Satish Kumar	A Balish
2	18A31A0322	Garapati Satya Sai	Gr. Pai
3	18A31A0340	P Sai Srinivas Chakravarthi	D. Chakravane of
4	1843140342	Palacharla Veera Venkata Sai Kishore	Kust:
5	18A31A0343	Panda Sai Srinivas Ganesh	Ganesh
6	18A31A0349	Sandeep Vallu	Sually
7	18A31A0356	Bayaraju Nikhil Varma	B Nikhal
8	18A31A0364	Gottumukkala Sri Satya Sai Narasimha Raju	Rani
9	18A31A0365	Kolli Yogesh Sai Prasad	& Sai pasad
10	18A31A0385	Pilli Ramu	P. Ramu
11	18A31A0393	Satyavada Manikanta	Ham
12	18A31A0399	V Sandeep Kumar	12 Sardeer
13	18A31A03A2	Vusa Mohana Surya Ganesh	Gause
14	18A31A03B6	Indugula Ravindra	I Ravinde
15	18A31A03D8	Pidugu Veera Venkata Kowshik	P. Kowshik
16	18A31A03E5	Siddi Sai Venkata Varun Kumar	Svorun
17	18A31A03F0	Uppu Manikanta Swamy	U-Swamp
18	18A31A03G2	Bobbili Venkata Abhinav	B. Alshanav
19	18A31A03H1	Jillella Sudheer	T. Sudbeer
20	18A31A03I1	Mattaparathi Divakar Setty	M. Divata
21	18A31A03J7	Tallabathula Krishna Mohan	J. Krishna
22	18A31A03K3	Vennala Hari Venkata Satya Vinay	V. Vinay
23	19A35A0348	Kotipalli Praveen	Kpaneco
24	19A35A0356	Teki Durga Satyanarayana	J. Satipuaraya

Co-ordinator

PRINCIPAL PRAGATI ENGINEERING COLLECT (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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STUDENTS ATTENDED

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1	18A31A0308	P	P	Δ	P	P
.2	18A31A0322	A	9	8	P	9
3	18A31A0340	P	Δ	P	P	P
4	18A31A0342	P	P	0	A	P
5	18A31A0343	P	P	P	P	0
6	18A31A0349	1	P	0	P	A
7	18A31A0356	P	9	A	P	P
8	18A31A0364	P	P	P	0	P
9	18A31A0365	A	0	0	P	0
10	18A31A0385	P	0	0	A	P
11	18A31A0393	P	D	6	8	9
12	18A31A0399	P	A	P	P	P
13	18A31A03A2	P	P	P	P	A
14	18A31A03B6	P	P	P	A	P
15	18A31A03D8	A	P	9	P	P
16	18A31A03E5	P	P	0	P	P
17	18A31A03F0	P	P	A	P	P
18	18A31A03G2	P	P	P	0	P
19	18A31A03H1	8	P	0	0	A
20	18A31A0311	P	A	P	P	P
21	18A31A03J7	P	P	P	P	P
22	18A31A03K3	P	0	P	A	P
23	19A35A0348	A	P	P	P	P
24	19A35A0356	P	P	P	P	P

Co-ordinator

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PRINCIPAL
PRAGATI ENGINEERING COLL F
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALL
Neat Peddapuram, E.G.Dt. (AP)-533-334



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[Will removed by ESR I finder Section 191 and 12 (B) of USA 1936)

[Ph. 19852 282211 AL Website www.pragation.05

Report On Basic Foundation of Welding

Date: 12-2-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 4-2-2020 to 11-2-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 24 no of students participated in this work shop.

Co-ordinator

W

PRINCIPAL

PRAGATI ENGINEERING COLL.

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPA. LIN
Near Peddapuram, E.G.Dt. (AP)-533 437

(Antonomous)

ADDRESS NO. 1 CON AP -11 117

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APSSDC WELDING LAB - FEEDBACK

Date:11-2-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

:4-2-2020 to 11-2-2020/Apssdc WELDING Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

1

Usefulness of Topic:

2

Method of Delivery:

Annage Very good Good

3

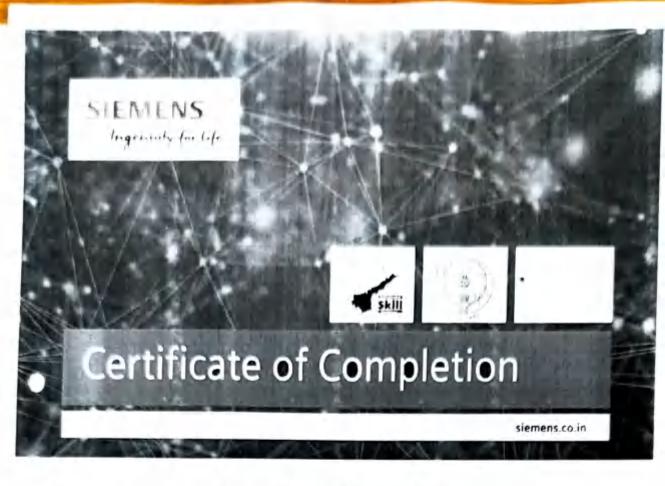
Related to Subject:

Is the Topic useful for career: VYES/NO

5

Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING COLLEGE * 1-378; ADB ROAD, SURAMULTEM Near Peddapuram, E.G.Ct. (AP):533-4 (AUTONOMOUS)



This is to certify that Allam Satish Kumar

Bearing number APSSDC/Siemens/M/21001 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 4-Feb-2020 to 11-Feb-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signature SIGNAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Garapati Satya Sai

Bearing number APSSDC/Siemens/M/21002 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 4-Feb-2020 to 11-Feb-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signature CIPAL

PRAGATI ENGINEERING CO (AUTONOMOUS)

Near Peddapuram, E.G.Dt. (AP)-335 43/





(Autonomous)

ADB Road Satanopalem 1 G Dr. VP. 531 132 (Approved by AR 11. Permanently Affiliated to INTEX. Kakutada. Accredited by NAM. with A. Caraler-1Recognized by UGC Under Sections 2(f) and 12 (R) of 13 a. j. 1936). Ph. 08852—252233. 34. Website www.pragati.ac.iii.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:10-2-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 17-2-2020 to 6-3-2020 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 14-2-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 17-2-2020

Property HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

W

PRINCIPAL PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP) 533 437

(Autonomous)

Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2112. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

W

PRINCIPAL
PRAGATI ENGINEERING COLLETE

(AUTONOMOUS)
(AUTONOMOUS)
Near Peddapuram, E.G.Dt. (AP)-533 43/



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196-08852 - 252233-14 Website www.pragativac.iii.

Outcome of the course

After completing this course, a student will be able to:

- Describe and demonstrate proper welding shop safety.
- Read and interpret symbols and plans utilized in the Welding industry
- Demonstrate competency in shielded metal arc welding.
- Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

Co.ordinator

1

PRINCIPAL 7
PRAGATI ENGINEERING COLLF.

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



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19. (1862) 252233-14. Website, www.pragate.ac.ur.

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNAUTRE
1	19A35A0305	Allam Lokesh	love
2	19A35A0306	Chillapalli Venkata Ramana	Ramana
.3	19A35A0308	Gorsipudi Naveen	by Nowcen
4	19A35A0309	Mallidi Sai Venkata Srinivasa Reddy	m. saivenkt
5	19A35A0311	Rayudu Venkata Siva Subrahmanyam	Sna .
6	19A35A0313	Sathi Himateja Reddy	sathi Himateja
7	18A31A0353	Allam Bhima Dhanaraju	Dhavane
8	18A31A0376	Medaballi Ramkarthik	m. Pam Karthik
9	18A31A03F8	Ainapurapu M V Satya Sai Raghava Raja	Rospor Por
10	18A31A03G0	Anaparthi Rishin Raju	Rui
11	18A31A03H7	Kancherla Ajay Kumar	K- Kiny Kim
12	18A31A03H9	Ketha Sri Satya Sandeep	12. 5. 5. Sander
13	18A31A03I0	Kodamanchili Sai Surya Manjunadh	Manna
14	18A31A03I8	Nelli Naga Sai	N. Nagasai
15	18A31A03J9	Uppuluri Tarun	Ro

Co-ordinator

PRINCIPAL PRAGATI ENGINEERING CO (AUTONOMOUS)

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Ph (18852 - 25224) 54 Website www.pragatrac.m.

STUDENTS ATTENDED

5.50	ROLL NO	1012	18/2	26/2	2012	513	613	
4	19A35A0305	A	P	P	f	f	P	
2	19A35A0306	6	A	P	1	1	P	
3	19A35A0308	P	1	P	P	8	P	
4	19A35A0309	P	P	P	A	P	P	
5	19A35A0311	P	0	0	P	A	0	
6	19A35A0313	P	P	P	P	P	P	
7	18A31A0353	0	P	A	P	0	0	
8	18A31A0376	P	ρ	P	P	P	P	
9	18A31A03F8	P	P	P	P	0	0	
10	18A31A03G0	A	P	0	P	A	1	
11	18A31A03H7	P	0	0	P	P	P	
12	18A31A03H9	P	P	A	P	P	P	
13	18A31A0310	P	9	8	P	P	P	
14	18A31A0318	P	P	1	P	P	A	
15	18A31A03J9	P	P	P	P	P	P	

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP) 533 437



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Report On Basic Foundation of Welding

Date: 7-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 17-2-2020 to 6-3-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC. TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC. TIG. and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 15 no of students participated in this work shop.

Co-ordinator

W

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



(Autonomous)

1100 Road, Surampalent 1 1-18: 41: 533 437

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APSSDC WELDING LAB - FEEDBACK

Date:6-3-2020

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

:17-2-2020 to 6-3-2020/APSSDC WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: 1

Excellent

Method of Delivery: 2

Excellent

Related to Subject: 3

Good

Is the Topic useful for career: 4

LYES/NO

Suggestions if any: 5

PRAGATI ENGINEERING COLL (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALE Peddapuram, E.G.Ot. (AP):533 43



This is to certify that Gorsipudi Naveen

Bearing number APSSDC/Siemens/M/21125 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 17-Feb-2020 to 6-Mar-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signalius in A.

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1-378, ADB ROAD, SURAMI Near Peddapuram, E.G.Dt. (AP)-3244/



This is to certify that Mallidi Sai Venkata Srinivasa Reddy

Bearing number APSSDC/Siemens/M/21126 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 17-Feb-2020 to 6-Mar-2020

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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Near Peddapuram, E.G.Dt. (AP)-533 437



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(Approved by Alt 1) Permanenth Affiliated to 18.11 K. Kakinada, Accredited by 5-3 M. with A. Granlet (Recognized by 1.04. Under Sections 2(f) and 12 (B1)) U.G. act. (1994)

[Ph. 08853 252233 31 Website www.pragam.ac.in.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:2-3-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 9-3-2020 to 17-3-2020 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 6-3-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 9-3-2020

HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.



PRINCIPAL PRINCIPAL PRAGATI ENGINEERING CC (NITONOMOUS)

(Autonomous)

Objective of the course

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs.

Topic Covered

TOPIC-1

Introduction to basic principles of commonly used Welding processes. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

Identification of gas welding, equipments& accessories, setting up Safety in handling of Oxy Acetylene Cylinders, Regulators etc

TOPIC-3

Welding tools and equipment type specification and use. Safety method in welding. Method of gas welding, gas used and flames adjustment. Difference between soldering and Brazing in terms of temperatures, filler materials, joint strengths and applications. Use of Oxy Acetylene. Oxy LPG and Air LPG for brazing/soldering

TOPIC-4

Setting oxy-acetylene plant, lighting and adjustment of flame-simple joint on M.S. Preparing of using a) AIR-LPG, b) O2- LPG c) Oxy Acetylene plant with safety. C) O2-C2H2. Familiarization with the practice of Gas brazing using close fitting lap joints for both soldering/brazing cu to cu, cu to MS.

TOPIC-5

Importance of wetting and capillary action. Use of appropriate torches, Nozzles, adjusting required flames and using proper fluxes, Practice on Oxy Acetylene.

W

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



(Autonomous)

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(Approved by A)(11) Permanenty Affiliated to INTL K. Kakmada: According by NAAC with A. Grade)

(Recognized by CO) Under Sections (Orand 12 (B) of LO) act 1966).

(Pr. (8882): 282233, 34. Website www.pragation.in)

Outcome of the course

After completing this course, a student will be able to:

- · Describe and demonstrate proper welding shop safety.
- · Read and interpret symbols and plans utilized in the Welding industry
- · Demonstrate competency in shielded metal arc welding.
- · Demonstrate competency in metal inert gas welding
- Demonstrate competency in flux cored arc welding
- Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE.
I	18A31A0315	Chitturi Thiruvenkatesh	ch Thiru
2	18A31A0320	Edupuganti Pooma Sai	
3	18A31A0328	Jalli Satishcharan	5-satish
4	18A31A0306	Mudunuri Bhavana Sri	M. Bhavara SM
5	19A35A0302	Palika Geetha Sri	P. Freetle ST:
6	19A35A0303	Thotakura Meghana	T. meghara
7	18A31A0358	Chellubani Naveen	- Girci
8	19A35A0318	Chitturi Chakravarthi	CL. Chakraviti
9	18A31A0362	Ganji Sri Ram Prasad	G.S.R. Projad
10	18A31A0367	Kothapalli Dileep Kumar	Dileep
11	18A31A0377	Mohammed Nawaz Shariff	M. Nawaz
12	18A31A03B0	Emagula Kiran	E biocar
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14	18A31A03B9	Kaki Srinivas Trigun	K. Tsugue
15	18A31A03C3	Kesamsetti Saivinay	K. Sai Vinay
16	18A31A03C6	Majji Venkata Swaroop	m. Venkt swaroly
17	18A31A03D6	Palepu Jagadeeshvarma	P.J. Usma
18	18A31A03F2	Vanka Sri Surya Satya Sumanth	Sumant
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STUDENTS ATTENDED

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2	18A31A0320	P	A	P	P	P
3	18A31A0328	P	1	9	A	P
4	18A31A0306	P	1	P	1	P
5	19A35A0302	Δ	9	P	P	P
6	19A35A0303	P	P	P	P	P
7	18A31A0358	P	P	A	P	P
8	19A35A0318	P	P	P	9	P
9	18A31A0362	P	P	P	P	P
10	18A31A0367	P	P	P	P	A
11	18A31A0377	P	P	P	P	P
12	18A31A03B0	P	A	P	P	P
13	18A31A03B7	P	P	P	P	P
14	18A31A03B9	P	P	P	0	P
15	18A31A03C3	ρ	P	P	A	P
16	18A31A03C6	P	P	P	P	P
17	18A31A03D6	A	P	P	0	P
18	18A31A03F2	P	P	P	P	P
19	18A31A03F5	P	P	P	P	P

Co-ordinator



PRINCIPAL
PRAGATI ENGINEERING
(AUTONOMOUS)
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Near Peddapuram, E.G.Dt. (AP)



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Ph. 08852 252233-34 Website www.pragati.de.in.

Report On Basic Foundation of Welding

Date: 18-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 9-3-2020 to 17-3-2020 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding. TIG welding. MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 19 no of students participated in this work shop.

Co-ordinator

W

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PRAGATI ENGINEERING COLL
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



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APSSDC WELDING LAB - FEEDBACK

Date: 17-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YI-AR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program "BASIC FOUNDATION OF WELDING".

Date / Venue

: 9-3-2020 to 17-3-2020/APSSDC WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery: 2

3 Related to Subject:

Is the Topic useful for career:

Suggestions if any:

PRAGATI ENGINEERING COLLEGE

AUTONOMOUS) ADB ROAD, SURAMPALEM



This is to certify that Palika Geetha Sri

Bearing number APSSDC/Siemens/M/21255 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 9-Mar-2020 to 17-Mar-2020

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Thotakura Meghana

Bearing number APSSDC/Siemens/M/21256 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 9-Mar-2020 to 17-Mar-2020

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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Near Peddapuram, E.G.Dt. (AP)-533 437



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(Recognized by AR II: Permanents Athitated to INTLK Kakanada Accredited by NAAC wate A Grade)
(Recognized by U.G. Linder Sections 2(1) and 12 (B) of UGC act. 1956)

Ph. 18882 252233, 34. Website www.pragati.ac.m.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 31-5-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the Department of Mechanical Engineering is planning to organize a LEVEL A (CATIA,DELMIA,SIMULIA) WORKSHOP on 7/6/2019 to 3/7/2019 by APSSDC DASSAULT 3D EXPERIENCE LAB. All the interested candidates can enroll their names with Mr. D.J.JOHNSON Asso.Professor. Department of Mechanical Engineering on or before 3/6/2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 7/6/2019

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Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.



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PRAGATI ENGINEERING CO.
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPAL
Near Peddapuram, E.G.Dt. (AP)-533 437



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Approved by AR 11. Permanents Affiliated to PS II a. Sakinada: Accepted by S.S.S. with A Grades

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(Approved by AR 11. Permanents Affiliated to PS II a. Sakinada: A. Jestinada: Accepted by S.S.S.I. with A Grades

(Approved by AR 11. Permanents Affiliated to PS II a. Sakinada: A. Jestinada: A

Objective of the course

3D Experience is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.

Topic Covered

LEVEL A (CATIA DELMIA SIMULIA)

Week 1

CATIA 15 Fundamentals

Mr. SIFL ALAM has given a brief introduction about the CATLA 13 R20 software and discussed the fundamentals of the software.

The following points were highlighted

- Create and save various types of CATIA V5 documents
- Differentiate and switch between a selection of workbenches
- Perform various tasks concerning 3D Navigation and geometry selection
- · Create and constrain sketches
- Describe the functional capabilities and general usage of
 - Part Design
 - Generative Shape Design
 - Assembly Design

Week 2

CATIA V5 Sketcher Module: Mr. SIFE ALAM has discussed about the sketcher module and utility of the Part design.

In the sketcher module the following points were highlighted

- Title bar, Menu Bar, Specification Tree, Navigation Tab. Drawing area, Sketcher,
- · Profile tool bar, Constraint tool bar.
- Operation tool bar, Sketch tools and Sketch analysis
- Excercises-10 No's

Sufficient time is given for the students to practice

In the Part design sketch – based features and best practice methodology is stressed throughout the session. He has covered all the areas for the part design workbench while incovering with sketcher and reference elements to create modifiable parts.

The following points were highlighted

- Create and modify sketch based features
- Perform Boolean operations such as Trim/Quick Trim

PRAGATI ENGINEERING COL

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



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- · Monege profiles using the sketcher workbench.
- Apply death. Thickness and fillers to sketch based features.
- . Tree Structure Introduction to tool burs
- Sketch Based Features.
- · Dryss up Fronties
- Transformation Leature Reference elements

Sufficient time is given for the students to practice

Week 3

CATTA 13 Generative Shape Design. Mr. SIFL ALAM highlighted the following contents

- Create wireframe elements
- Create surfaces
- · Fillet features
- · Trim elements
- Manage the Specific tree
- Catalog templates

Sufficient time is given for the students to practice

Week 4

CATIA V5 Generative Drafting & Assembly Design: Mr. SIFE ALAM discussed the following points on Generative Drafting

- Creating Drawings and Creating Views
- Dimensioning Toolbar, Dimensioning Modifications
- Editing, Deleting & Updating Views
- · Dress up elements
- Annotations Toolbar, Creating PDF's

Sufficient time is given for the students to practice

Mr. SIFE Al AM has discussed about the Assembly module and the following points were highlighted:

- Assembly Workbench and Toolbars.
- Creating a Bottom-Up Assembly.
- Save Management.
- Creating Constraints,
- Component Manipulation,
- Exploded View, Scenes, Projects.

Sufficient time is given for the students to practice

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PRAGATI ENGINEERING COLLEGE
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1-378, ADB ROAD, SURAMPALEN Near Peddapuram, E.G.Dt. (AP)-533 437



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Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on 3D Experience software, which is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready
 exposure to Industry Practices
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

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STUDENTS ENROLLED

N.No	Name	Roll No	Signature
1	KONA ANIL	16A31A0379	Anil.
2	MUTTAREDDI RAMAKRISHNA	17A35A0338	2
3	kodun Sn Revanth Satya	16A31A03E5	Batyas
4	SAI CHARAN ADABALA	16A31A03B7	Charger .
5	GONNABATHULA SAI DURGA PRASAD	16A31A03D6	Durge Praco
6	THAVITIKI SEKHAR	17A35A0344	Sckhar.
7	KANTIPAMULA NARESH	16A31A03E3	Name
8	NAGIREDDI VASUMUNI	16A31A03F7	Vasuum
9	A CH K D PRASAD	17A35A0305	Presed.
10	VINEETH PADAMATA	17A35A0339	PAS
11	ADITYA BHAMIDIPATI	16A31A0306	Adity -
12	V.PRAVEENA RAJU	17A35A0314	Ram
13	VEGI ESWAR SAI KUMAR	16A31A0353	ESWAN.
14	DHULIPUDI GOVINDARAJU	16A31A0315	Govindara
15	PERURI RAVITEJA	17A35A0312	R
16	Y P V SAI SANDEEP	16A31A0355	Sandup
17	CHIKKAM DURGA PRASAD	17A35A0308	Duya Pres
18	CHELLURI VENKAT	17A35A0307	Venkat:
19	BONDA SWAMY	17A35A0302	Sarame
20	KATTOJI RAJU	16A31A0377	
21	KUDIPUDI V V SATYANARAYANA	16A31A03E9	Roju
22	EDUPUGANTI POORNA SAI	18A31A0320	Satya'
23	JALLI SATISHCHARAN	18A31A0328	Rooma Sa
24	PAPPULA SASHENDRA SRINIVAS BASWANTH	18A31A0344	Jatish.



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STUDENTS ATTENDED

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2	17A35A0338	P	A	P	0	10
3	16A31A03E5	A	1	A	0	6
4	16A31A03B7	P	P	P	8	b
5	16A31A03D6	9	0	'Q	A	0
6	17A35A0344	P	0	P	0	0
7	16A31A03E3	P	0	0	D	A
8	16A31A03F7	6	A	0	D	0
9	17A35A0305	1	P	0	D	0
10	17A35A0339	P	0	0	b	0
11	16A31A0306	A	6	P	0	0
12	17A35A0314	P	D	A	0	8
13	16A31A0353	P	0	0	0	8
14	16A31A0315	P	0	8	1	A
15	17A35A0312	P	0	6	1	D
16	16A31A0355	P	0	- 8	ò	6
17	17A35A0308	P	A	D	0	0
18	17A35A0307	P	P	0	0	6
19	17A35A0302	P	0	6	0	0
50	16A31A0377	A	0	0	0	-
21	16A31A03E9	8	0	0	0	P
22	18A31A0320	P	P	A	6	0
23	18A31A0328	P	9	P	0	6
24	18A31A0344	P	P	0	0	1

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Report On LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP

Date: 4-7-2019

Resource person details

Name: SILL ALAM

Designation APSSDC TRAINER

Contact details:

Phone no: 7205427699



During practice session of Fillet features



During practice session of Apply draft. Thickness and fillets to (ANTONOMOUS)
1-378, ADB ROAD, SURAMPALES
Near Peddapuram, E.G.Dt. (AP)-533 437



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1th 108 of 25223 34 Website www.pragation.ml

A LEVEL A (CATIA,DELMIA,SIMILLIA) WORKSHOP was held on 7/6/2019 to 2/7/2019 in collaboration with APSSDC. The expert from APSSDC explained various basic concepts of part design related aspects to the students of B.Tech II.III & IVyear. This work shop started with basics of part design and assembly design. The expert mainly focused on Create wireframe elements. Creating Drawings and Creating Views. Assembly Workbench and Toolbars. The expert also discussed the techniques of Creating Constraints, Manage the Specific tree. Create surfaces. The students had hands on experience on the 3D Dassault LLVIII. A (CATIA,DELMIA,SIMULIA). The workshop participants were able to learn in depth of methodology and its real time application, 24 no of students participated in this work shop.

Co-ordinator

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PRAGATI ENGINEERING COLL
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALE
Near Peddapuram, E.G.Dt. (AP)-533 43/



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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

Date:3-7-2019

DEPARTMENT

: Mechanical Engineering

\CADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

:" LEVEL A (CATIA.DELMIA,SIMULIA)".

Date / Venue

: 7/6/2019 to 3/7/2019 /Apssdc DASSAULT Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good 3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery: Average Excellent

3 Related to Subject:

Is the Topic useful for career: XES/NO.

5 Suggestions if any:

Andhra Pradesh State Skill Development Corporation



3 ROWARD The SDEXPERIENCE Company CERTIFICATE

OF INTERNSHIP

certifies that	MUTTAREDDI RAMAKRISHN	I A
am	Pragati Engineering College	-
as successfully completed the r	requirements for Catia Delmia	6. C:!
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Crycel	Ct.	PRINCIPAL PRAGATI ENGINEERING COLLES (AUTONOMOUS) (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Srl T Anii Kumar Executive Director

APSSDC

Near Peddapuram, E.G.DC (AP) 533 437

Dr. Sribanth Aria, IRTS

MOLCEO APSSOC



Andhra Pradesh State Skill Development Corporation



CERTIFICATE

TO BURNING I THE SDEXPERIENCE COMPANY

OF INTERNSHIP

This certifies that	1	koduri Sri Revanth Satya							
from	Praga	ati Engineering Col	lege						
has successfully com	pleted the requirements fo	or Catia	Delmia & Simulia						
held from07-06-20	019 to 03-07-2019 ar	nd is entitled to re	eceive the recognition and benefits so						
bestowed awarded	on 04-07-2019		THE COLLEGE						
Dr. Row Castado Como Castado APSSDC		Sri T Anii Kurnar Executive Director APSSIC	PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD SURAMPATEM Near Peddapura D. Sribonth Ario, IRTS LOA CO						
		nema.	APSSDC						



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CApproved by A3. 11. Permanently Affiliated to E8.11. K. Kakimatha A. realized by NAAC with: A. Civille-Recognized by C64. Under Sections 2(D and 12 (D) - T13.41 act. 1956). Ph. 08852 - 252233-34. Website, www.pragatrac.m.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:1/7/2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the Department of Mechanical Engineering is planning to organize a LEVEL A (CATIA,DELMIA,SIMULIA) WORKSHOP on 8/7/2019 to 2/8/2019 by APSSDC DASSAULT 3D EXPERIENCE LAB. All the interested candidates can enroll their names with Mr. D.J.JOHNSON Asso.Professor, Department of Mechanical Engineering on or before 5/7/2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 8/7/2019

HOD-ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 432



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Objective of the course

3D Experience is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product

Topic Covered

LEVEL A (CATIA DELMIA SIMULIA)

Week 1

CATIA 15 Fundamentals.

Mr. SIFE ALAM has given a brief introduction about the CATTA V5 R20 software and discussed the fundamentals of the software.

The following points were highlighted:

- Create and save various types of CATIA V5 documents
- Differentiate and switch between a selection of workhenches
- Perform various tasks concerning 3D Navigation and geometry selection
- Create and constrain sketches
- Describe the functional capabilities and general usage of
 - A Part Design
 - Generative Shape Design
 - Assembly Design

Week 2

CATIA V5 Sketcher Module: Mr. SIFE ALAM has discussed about the sketcher module and utility of the Part design.

In the sketcher module the following points were highlighted

- Title bar, Menu Bar, Specification Tree, Navigation Tab, Drawing area, Sketcher.
- Profile tool bar. Constraint tool bar.
- Operation tool bar, Sketch tools and Sketch analysis

Excercises-10 No's

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Sufficient time is given for the students to practice

In the Part design sketch - based features and best practice methodology is stressed throughout the session. He has covered all the areas for the part design workbench while interacting with sketcher and reference elements to create modifiable parts.

The following points were highlighted

- Create and modify sketch based features
- Perform Boolean operations such as Trim/Quick Trim

PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 +37



1 tops and he

- · Manage profiles using the sketcher workhench
- Ipply draft Thickness and fillets to sketch based features
- · Tree Structure Introduction to tool hars
- · Sketch Based Features
- · Dress-up Features
- Transformation Feature Reference elements

Sufficient time is given for the students to practice

Week 3

CATIA V5 Generative Shape Design: Mr. SIFE ALAM highlighted the following contents

- Create wireframe elements
- Create surfaces
- Fillet features
- Trim elements
- Manage the Specific tree
- Catalog templates

Sufficient time is given for the students to practice

Week 4

CATIA V5 Generative Drafting & Assembly Design: Mr. SIFE ALAM discussed the following points on Generative Drafting

- Creating Drawings and Creating Views
- Dimensioning Toolbar, Dimensioning Modifications
- Editing, Deleting & Updating Views
- · Dress up elements
- Annotations Toolbar, Creating PDF's

Sufficient time is given for the students to practice

Mr. SIFE ALAM has discussed about the Assembly module and the following points were highlighted:

- Assembly Workbench and Toolbars,
- Creating a Bottom-Up Assembly,
- Save Management,
- Creating Constraints,
- Component Manipulation,
- Exploded View, Scenes, Projects,

Sufficient time is given for the students to practice

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PRAGATI ENGINEERING COLLEGE
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(Approved by Alt. 11. Permanently Affiliated to EV1) is Kakinada. Accredited by NAAC with A. Grades.

(Recognized by UCit. Under Sections 7(1) and 12 (B) of UCit. 1st. 1956).

Ph. 08852 - 252231.34. Website www.pragatt.ac.in.

Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on 3D Experience software, which is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready
 exposure to Industry Practices.
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

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Near Peddapuram, E.G.Dt. (AP)-533 437

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STUDENTS ENROLLED

1.10	Name	Roll No	Signature
H	Donda sarish kumar	16A31A0311	Salush
4-	NANDIKOLLA MADHU S SURYA GANGA PAVAN KUMAR	16A31A03K9	
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4	CHOKKA YESU PADAM	16A31A0315	yesupadam.
5	SARELLA ANII.	16A31A03M1	3. Anil
6	V ESWARA VENKATESH	16A31A03M5	
7	PAD RAJU PUTTA	16A31A03A3	Rodram
8	TANETI PRAJITH SUNDAR	17A35A0329	T-Prajer.
9	GOLLA SIVA GANESH	16A31A0372	h. Siva Forge
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11	MARADANA BHARATH KUMAR	16A31A0385	MBhoral
12	KODURI VEERABABU	16A31A0378	K. Veerabook
13-	BATHULA SANTOSH KUMAR	16A31A0366	Santi
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17	MAGAPU SANTHOSH	16A31A03K4	Santhash
18	DADI SIVA SATISH	16A31A0316	Satish
19	PUTTA SANDEEP CHOWDARY	16A31A03L6	-8
20	JAMI.BRAHMESWARA RAO	16A31A03J3	Brien
21	PASALA SAI SANDEEP	16A31A03L0	Sai Sandie
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23	RATNALA BHARAT KUMAR	16A31A03L7	Bland
24	M.R. KRISHNA VAMSI	16A31A03K7	Varin
25	BUKKA VEERA CHAKRABABU	16A31A0308	Chk-13
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27	U PURNA RAVI TEJA	16A31A0348	P-
28	J ROHITH SAI	16A31A03J4	Roboth
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31	P.V.V.YESWANTH SAI	16A31A0341	Yerwanth
32	V. ABHINAY SRI ANANTH	16A31A03M6	Advinay
33	PALATI CHARAN TEJA	16A31A03L2	Charan
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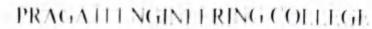
STUDENTS ATTENDED

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26	16A31A0323	0	P	0	P	P			
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34	18A31A03K1	A	0	P	0	0			
35	16A31A0370	P	P	P	P	P	-	-	-
36	16A31A0330	P	0	P	P		-		-
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38	18A31A03F7	P	1	P	P	6			
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PRINCIPAL PRAGATI ENGINEERING COLL (AUTONOMOUS)

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Near Peddapura Co-ordinator



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Report On LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP

Date: 3-8-2019

Resource person details

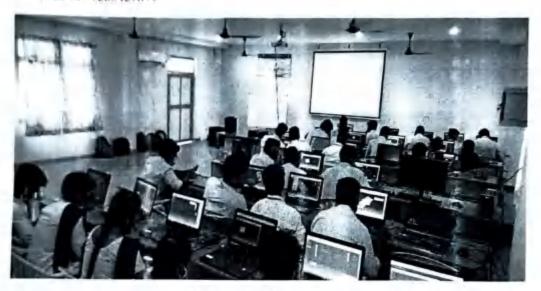
Name SILL ALAM

Designation APSSDC TRAINTR

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Contact details:

Phone no 7205427699



During explanation of Create surfaces



During Practice session of Assembly Workbench and Too bary

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Co-ordinator

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Near Peddapuram, E.G.Dt. (AP)-533 437

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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

Date: 2-8-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

:"LEVEL A (CATIA, DELMIA, SIMULIA)",

Date / Venue

: 8/7/2019 to 2/8/2019/Apssdc DASSAULT Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery: 2

Ijood Arwage Excellent

Related to Subject:

Is the Topic useful for career:

Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 432



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This certifies that		DADI SIVA SATISH	
from	F	ragati Engineering College	
has successfully comple	eted the requiremen	Cutta, Delitita &	Simulia
held from08-07-2019	to 02-08-2019	and is entitled to receive the	recognition and be Helles of (AUTONUM, SURAMPALITY, ADB ROAD, SURAMP
bestowed awarded or	02-08-2019		# 1-378, ADB ROAD, SURAMPALI Near Peddapuram, E.G.Dt. (AP)-53
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AF:SSE		Sri T Anii Kumar Executive Director APSSDC	Dr. Snihanth Ana, IRTS MD & CSO APSSDC



Andhira Pradesh State Skill Development Corporation





CERTIFICATE

OF COMPLETION

This certifies that	PUTTA SANDEEP CHOWDARY	
from	Pragati Engineering College	
has successfully compl	eted the requirements for Catia, Delmia & Simulia	-
held from08-07-2019	to 02-08-2019 and is entitled to receive the recognition	on and persent so
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Sri T Anii Kumor Executive Director APSSDC



Dr. Snikonth Arjo, IRTS MD & CEO



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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:28-1-2020

CIRCULAR

It is to inform all the students of B.Tech II.III & IVyear that the Department of Mechanical Engineering is planning to organize a LEVEL A (CATIA,DELMIA.SIMULIA) WORKSHOP on 3/2/2020 to 23/2/2020 by APSSDC DASSAULT 3D EXPERIENCE LAB. All the interested candidates can enroll their names with Mr. D.J.JOHNSON Asso.Professor, Department of Mechanical Engineering on or before 31-1-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 4/2/2020

HOD ME

Copy to

Circulate among ME Students and Faculty. Dept. File. ME Notice Board Principal for information.

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Near Peddapuram, E.G.Dt. (AP)-583-437.

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Objective of the course

3D Experience is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product

Topic Covered

LEVEL A (CATIA.DELMIA, SIMULIA)

Week 1

CATIA 15 Fundamentals.

Mr. SIFE ALAM has given a brief introduction about the CATIA 15 R20 software and discussed the fundamentals of the software.

The following points were highlighted:

- Create and save various types of CATIA V5 documents
- Differentiate and switch between a selection of workbenches
- Perform various tusks concerning 3D Navigation and geometry selection
- Create and constrain sketches
- Describe the functional capabilities and general usage of
 - ٠ Part Design
 - ٠ Generative Shape Design
 - ۰ Assembly Design

Week 2

CATIA V5 Sketcher Module: Mr. SIFE ALAM has discussed about the sketcher module and utility of the Part design.

In the sketcher module the following points were highlighted

- Title bar, Menu Bar. Specification Tree, Navigation Tab, Drawing area, Sketcher,
- Profile tool bar, Constraint tool bar,
- Operation tool bar, Sketch tools and Sketch analysis
- Excercises-10 No's

Sufficient time is given for the students to practice

Co. ordinator

In the Part design sketch – based features and best practice methodology is stressed throughout the session. He has covered all the areas for the part design workbench while interacting with sketcher and reference elements to create modifiable parts.

The following points were highlighted

PRAGATI ENGINEERING COLLEGE

Create and modify sketch based features

Perform Boolean operations such as Trim/Quick Trim Near Peddapuram, E.G.Dt. (AP)-532 437

(Autonomous

- Manage profiles using the sketcher workbench
- Apply draft. Thickness and fillets to sketch based features
- · Tree Structure. Introduction to tool bars
- Sketch Based Features
- Dress-up Features.
- Transformation Feature, Reference elements

Sufficient time is given for the students to practice

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Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on 3D Experience software, which is a PLM (Product Life Cycle Management) software used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready exposure to Industry Practices.
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

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PRAGATI ENGINEERING COLLEGE

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STUDENTS ENROLLED

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1	B.L.N.V.J.SUBHASH	17A31A0311	Carpens
2	K.SAI MANIKANTA	17A31A0321	Marie
3	R.ACHYUTHA SRI SAI	17A31A0341	Actoutho
4	V. VEERA AMARENDRA	17A31A0355	Amarano
5	D.RAMYA SUDHA	17A31A0358	Constr
6	M.SHAHEEN	17A31A0362	Inhey
7	N.SRI AKHILA AMRUTHA	17A31A0364	Omrutha
8	R.PRIYA CHANDINI	17A31A0367	R. priya
9	CHJITENDHRA SAI RAJA	17A31A0373	Par Raja
10	G.VENKAT SANDEEP	17A31A0378	Sandeep
11	A.ANUDEEP	17A31A0386	Audies
12	M.AKHIL YUVARAJ	17A31A0393	a outil
13	S.V.S.M.RAVINDHRA	17A31A03F8	2.
14	A.SAI SANDEEP	17A31A03H7	A Sai Sa
15	G.CHARAN TEJA	17A31A03J5	Charau
16	K.V.HARINADH	17A31A03K5	PL.
17	M.YASWANTH	17A31A03N6	Xarwan
18	A.HARI GANESH	18A35A0304	Have
19	G.RAMA GANESH	18A35A0307	Ganesh
20	M.L.N.MURTHY	18A35A0310	Mich
21	P.SAI VAMSI	18A35A0313	Sarvani
22	N.SUMANTH	18A35A0322	N-Sumai
23	A.DURGA PRASAD	18A35A0327	
24	B.LAKSHMAN NAGA DURGA	18A35A0329	B. Lakel
25	V.MOHAN SIVA NAVEEN	1 1 2 1	Moha
26	A.MAHESH	18A35A0340	
27	S.OME SWAMY	18A35A0346	Maheren
28	T.SURYA TEJA	18A35A0348	Sio SWO

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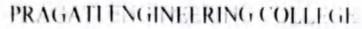
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5	17A31A0358	P	p	P	P
6	17A31A0362	0	P	A	P
7	17A31A0364	P	P	1	P
8	17A31A0367	0	P	P	P
9	17A31A0373	P	P	p	A
10	17A31A0378	P	P	Þ	8
11	17A31A0386	P	A	9	0
12	17A31A0393	P	P	P	P
13	17A31A03F8	P	P	9	P
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15	17A31A03J5	A	P	P	0
16	17A31A03K5	P	P	P	P
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18	18A35A0304	P	0	A	P
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21	18A35A0313	P	9	P	P
22	18A35A0322	P	0	P	A
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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SUPAMPALEM

Near Peddapuram, E.G.Dt. (Ar) 533 437





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Report On LEVEL A (CATIA DELMIA SIMULIA) WORKSHOP

Date: 24-2-2020

Resource person details

Name: SIFE ALAM

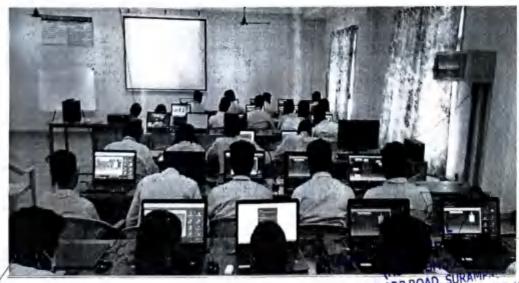
Designation: APSSDC TRAINER

Contact details:

Phone no: 7205427699



During explanation of Part Design



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Ph. 08852 152233, 34. Website, www.pragatica.iii

A LEVEL A (CATIA.DI I MIA.SIMULIA) WORKSHOP was held on 3/2/2020 to 23-2-2020 in collaboration with APSSDC. The expert from APSSDC explained various basic concepts of part design related aspects to the students of B.Tech II.III & IVyear. This work shop started with basics of part design and assembly design. The expert mainly focused on Create wireframe elements. Creating Drawings and Creating Views. Assembly Workbench and Toolbars. The expert also discussed the techniques of Creating Constraints. Manage the Specific tree. Create surfaces. The students had hands on experience on the 3D Dassault ! EVEL A (CATIA.DELMIA.SIMULIA). The workshop participants were able to learn in depth of methodology and its real time application. 28 no of students participated in this work shop.

Co-ordinator

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Near Peddapuram, E.G.Dt. (AP)-533 +37



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APSSDC DASSAULT 3DEXPERIENCE LAB FEEDBACK

DEPARTMENT

: Mechanical Engineering

Date: 23-2-2019

ACADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

" LEVEL A (CATIA.DELMIA,SIMULIA)".

Date / Venue

: 3/2/2020 to 23-2-2020 /Apssdc DASSAULT Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

Is the Topic useful for career: \YPS/NO

Suggestions if any:

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(AUTONOMOUS) 1-378, ADB ROAD, SURA

Near Peddapuram, E.G.Dt. (AP) 5.55-512



Andhra Pradesh State Skill Development Corporation



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from	Pra	igati Engine	eering College			has
successfully co	ompleted the r	equirem	ents for CATI	A,DELM	IIA,SIMULIA	
held from	03-02-2020	_ to	23-02-2020		PRAGATI ENGIN	EERING COLLEGE NOMOUS) DAD, SURAMPALEM E.G.Dt. (AP)-533 437
			ion of		# 1-378, ADB RG Near Peddapuram,	E.G.DL. (M

NI WICHIDLIACLE

Principal

Dr. Ravi Gujjula Chief General Manager APSSDC Dr. Srikanth Arja, IRTS ND & CEO APSSDC





Andhra Pradesh State Skill Development Corporation





This is to certify that Mr./Ms

CERTIFICATE

OF COMPLETION

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from	Pr	agati Engin	eering College			has
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Dr. Ravi Gujjula Chief General Manager APSSDC

Dr. Srikanth Arja, IRTS ND & CEO APSSDC

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D RAMYA SLIDHA

Principal

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(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with "A" Grade) (Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956) Ph: 08852 - 252233, 34. Website www.pragati ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:16-09-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the JNTU, Kakinada is planning to organize a CENTRE OF EXCELLENCE PROGRAM on "Basics of PLC" conducted by APSSDC on 23-09-2019to 28-09-2019.All the interested candidates can enroll their names with Mr.R.V.SimhadriAsst.Professor, Department of Electronics and Communication Engineering on or before 21-09-2019. The number of participants to this courseare limited, preference is based on first come first basis.

Venue: Department of ECE, JNTU, KAKINADA

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information.

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PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. M.Raghavendrahas given a brief introduction about the Course, and discussed the fundamentals of the basic components

The following points were highlighted:

- Describe the purpose of each of the major PLC components
- Discuss basic PLC operation
- Introduction about PLC Components
- Lab Session

DAY 2(6-HOURS)

lopic on internal structure:

- Describe the internal structure of the CPU
- Describe the internal architecture of a typical PLC

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation:

- Identify typical input and output devices
- Discuss the function of the I/O (input/output) modules
- Installation of various input and output devices
- Safety Precautions to be taken while working with devices
- Explaining the steps to maintain the PLC in good condition

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

Topic on Signals of PLC:

- Identify types of signals used by PLC and discuss how they are handled
- > Define ladder logic and explain its use

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

Topic on Programming:

- Discuss how binary, octal, and hexadecimal numbering systems are used in PLC programming
- Basic programming of PLC
- Sensors and Wire/Wireless connections of PLC
- > Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

PLC Projects:

- Designing of basic PLC projects
- Lab session

Sufficient time is given for the students to practice

PRINCIPAL CO-ordinator

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

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ADB Road, Surampalem, F.G. Dr., A.P. – 533-437

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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

Ph. 08852 – 252233-34. Wefsite www.pragati.ac.in

COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on Basic electronic circuits, softwares, tools, used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready exposure to Industry Practices.
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

Basics of PLC Objective:

To give hands on practice to students on basic and advanced controlling devices, protective devices and tools necessary for wiring in respective of different applications.

After completing this course, a student will be able to:

- > Describe the purpose of each of the major PLC components
- Discuss basic PLC operation
- Describe the internal structure of the CPU
- Describe the internal architecture of a typical PLC
- Identify typical input and output devices
- Discuss the function of the I/O (input/output) modules
- Identify types of signals used by PLC and discuss how they are handled
- Define ladder logic and explain its use
- Discuss how binary, octal, and hexadecimal numbering systems are used in PLC programming

Roles and Responsibilities of Lab Coordinator:

- > Formation of student Batches
- Monitoring the work done by student batches and their regulatory to lab sessions.
- Motivating the students to learn various new technologies in Electronics engineering by considering this certification course as a platform

Resource Person details

Name :Mr.M.Raghavendra Designation : APSSDC Trainer

Contact Details: Ph.No: 9846635823

Co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

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9



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ADD Road. Surampoten, L.G.Dt. A.P. 531.437 (Approved by Alf. D., Permanentis, Affiliated to INTUK, Kakinada, Accredited by NAAC with: A. Grader (Recognized by UGC 1 ander Sections 20) and 12 (B) of UGC act, 1956)

Ph 08852 - 252213, 34 Welnite www pragati ac in

Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	18A35A0402	LikhithaKakaraparthi	X likhilha
2	17A31A04G8	P.S.D.S.R.PrasadKhandavilli	P.S.D.SR. Prand
3	17A31B0451	PavanPepakayala	P. pavan.
4	17A31A04E4	Prasanna Lakshmi Narapareddy	N. P. lamh
5	17A31B0459	RohitramVasamsetti	Rohitram Vasamelli
6	17A31A04G1	SaiCharanAppikonda	A. Sarcharan
7	17A31A04G9	SaiManoharKosuri	K.S. Manohar
8	17A31B0429	Sandhya Devi Pantagolusula	P. S. Burg
9	17A31A0461	SirishaAjjarapu	A. Siousha
10	17A31A04F4	SravyaKeerthikaMullapudi	4. Soay kurp -
11	17A31A04D1	Sri SantoshaPraneelaDoddipatla	D. S. S. pranula
12	17A31A0470	VeeraSatya Lakshmi SowjanyaChitturi	ch. v. s. L. Sowjenya
13	17A31A04H1	VeeraSwamyMaruboina	V.S. Mazubojna,
14	17A31B0414	VenkataSaiManjusreeKokkirimetla	t. V. S. Manjun
15	17A31A04F9	VenkataVamsiAdabala	A Nest Danni

Coordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

DEPARTMENT OF ECE

DAY WISE	ATTENDANCE	REPORT

				D	AY WISE	ALLEN	DANCE	KEPUKI					
S.no	Dellas	DAY-1 23	-09-2019	DAY-2 24	1-09-2019	DAY-3 25	5-09-2019	DAY-4 2	6-09-2019	DAY-5 2	7-09-2019	DAY-6 2	8-09-2019
00	Roll no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18A35A0402	P	P	P	P	P	P	P	P	P	P	A	A
2	17A31A04G8	P	P	P	P	D	P	P	P	1	Þ	A	P
3	17A31B0451	P	P	P	P	P	P	P	P	P	P	P	P
4	17A31A04E4	P	P	P	P	P	P	P	P	A	P	P	P
5	17A31B0459	P	P	P	P	P	A	P	P	p	P	P	P
6	17A31A04G1	P	P	A	A	P	P	P	P	P	P	P	P
7	17A31A04G9	P	P	A	A	P	P	P	P	P	P	P	P
)	17A31B0429	P	P	D	P	P	P	P	P	4	P	P	P
9	17A31A0461	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A04F4	P	P	P	P	P	P	P	P	P	P	P	P
11	17A31A04D1	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A0470	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A04H1	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31B0414	P	P	P	P	P	P	P	P	P	P	7	1
15	17A31A04F9	P	P	P	P	P	P	P	P	P	A	P	P

Co-ordnator

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PRAGATI ENGINEERING COLLEGE



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(Recognized by UGC Under Sections 2(f) and 12 (ft) of UGC act, 1956)
Ph 08852 – 252233, 34. Website www.pragati.ac.in

Attendance Report

S.No	Roll No	Classes conducted	Classes Attended
1	18A35A0402	36	31
2	17A31A04G8	36	34
3	17A31B0451	36	36
4	17A31A04E4	36	33
5	17A31B0459	36	33
6	17A31A04G1	36	31
7	17A31A04G9	36	31
8	17A31B0429	36	34
9	17A31A0461	36	36
10	17A31A04F4	36	36
11	17A31A04D1	36	36
12	17A31A0470	36	36
13	17A31A04H1	36	36
14	17A31B0414	36	34
15	17A31A04F9	36	33

Co-ordinator

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(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

2)



(Antonomous)

ADB Road, Surampulem, F-G-DR, A-P = 533-437

(Approved by Alt. 11. Permaneurly Affidated to INTUK. Kakmudir. Accredited by SIAAC with: A Grade) (Recognized by U.G. Under Sections 2(Frank 12 (B) of LIGC act, 1996) Ph (1885) 252233. M. Webian www.pragatran.iii

APSSDC-TSDI-COE-FEEDBACK

Date: 28-09-2019

DEPARTMENT

Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr.M.Raghavendra

Title of Training Program

:"Basics of PLC".

Date / Venue

:23-09-2019to 28-09-2019/ Basics of PLC

Please evaluate on a scale of 5:

5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: I

Method of Delivery: Y 2

Related to Subject: 3

4

Is the Topic useful for career: YES/NO
Suggestions if any: More labs weeded.

5

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Ph. 08852 = 257233, 34. Website www.peagati.iic.iii

Report on Basis of PLC Program

Date:30-09-2019

Resource Person Details

Name: Mr.M.Raghavendra

Designation: APSSDC Trainer

Contact Details:9846635823

One week program on "Basics of PLC" Organized by JNTUK, Department of Electronics and communication Engineering from 23-09-2019 to 28-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Basics of PLC related aspects and gave practical lab sessions.

The Expert Trainermainly focus on the following contents,

Describe the purpose of each of the major PLC components, basic PLC operationand the internal structure of the CPU, internal architecture of a typical PLC, Identify typical input and output devices and the function of the I/O (input/output) modules and Identify types of signals used by PLC and discuss how they are handled and Definethe ladder logic and explain its use and Discuss how binary, octal, and hexadecimal numbering systems are used in PLC programmingand in the afternoon session Sufficient time is given for the students to practice.

APSSDC CO-ORDINATROR

PRINCIPAL
PRAGATI ENGINEERING COLLEGE



inis is to certify th	at LIKHITHA KAKAKAPA	жіні
bearing number	DSL/APSSDC/34682	has successfully
completed	Basics of PLC	Course
	Conducted at	

JNTU College of Engineering, Kakinada

from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE



This is to certify that	P.S.D.S.R.PRASAD KH	ANDAVILLI
bearing number	DSL/APSSDC/34683	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	lege of Engineering, Ko	ıkinada
fron	23-Sep-19 to 28-Sep-	19

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP) 533 43



This is to certify that PAVAN PEPAKAYALA
bearing number. DSL/APSSDC/34684 has successfully
completed. Basics of PLC Course
Conducted at

JNTU College of Engineering, Kakinada

from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSOC

PRINCIPAL Ech Systems Limited

PRAGATI ENGINEERING COLLEGE



This is to certify that	PRASANNA LAKSHMI N	ARAPAREDDY
bearing number	DSL/APSSDC/34685	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	lege of Engineering, Kaki	nada
from	23-Sep-19 to 28-Sep-19	

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

PRINCIPASystems Limited

PRAGATI ENGINEERING COLLEGE



This is to certify that	ROHITRAM VASAMS	ETTI
bearing number	DSL/APSSDC/34686	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	lege of Engineering, K	akinada
from	23-Sep-19 to 28-Sep-	-19

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

DesignTech Systems Limited

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This is to certify that	SAI CHARAN APPIKOND	A
bearing number	DSL/APSSDC/34687	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	llege of Engineering, Kaki	nada
fron	23-Sep-19 to 28-Sep-19	

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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This is to certify that SAI MANOHAR KOSURI	
bearing numberDSL/APSSDC/34688has succ	cessfully
completed Basics of PLC	Course
Conducted at	
JNTU College of Engineering, Kakinada	
from 23-Sep-19 to 28-Sep. 10	

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

Design Limited

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)



This is to certify that SANDHYA DEVI PANTAGOLUSULA
bearing number. DSL/APSSDC/34689 has successfully
completed. Basics of PLC Course

Conducted at

JNTU College of Engineering, Kakinada

from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

DesignTech Systems Limited

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1-3/8, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify th	at SIRISHA AJJARAPU	
bearing number	DSL/APSSDC/34690 ha	as successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU.	College of Engineering, Kakin	ada
fr	om 23-Sep-19 to 28-Sep-19	

Authorized Signatory:

Siemens Industry Software Pvt_Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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This is to certify that SRAVYA KEERTHIKA MULLAPUDI bearing number.....DSL/APSSDC/34691.....has successfully completed Basics of PLC Course Conducted at JNTU College of Engineering, Kakinada from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd.

Authorized Signatory:

Authorized Signatory:

DesignTech Systems Limited

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) BROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	SRI SANTOSHA PRANEEL	A DODDIPATLA
bearing number	DSL/APSSDC/34692	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	lege of Engineering, Kaki	nada
from	23-Sep-19 to 28-Sep-19	

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSOC

Authorized Signatory:

DesignTech Systems Limited

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Conned by ComConner

9



This is to certify tha	t VEERA SATYA LAKSHMI SOV	VIANYA CHITTURI
bearing number	DSL/APSSDC/34693	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Co	llege of Engineering, Kaki	nada
from	m 23-Sep-19 to 28-Sep-19	

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

1



This is to certify that	VEERA SWAMY MARUBOINA	
bearing number	DSL/APSSDC/34694has suc	cessfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Col	llege of Engineering, Kakinada	
	22 Sep-19 to 28-Sep-19	

from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	VENKATA SAI MANJUS	REE KOKKIRIMETLA
bearing number	DSL/APSSDC/34695	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Coll	lege of Engineering, K	akinada
from	23-Sep-19 to 28-Sep	-19

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

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Authorized Signatory:

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9



This is to certify that	VENKATA VAMSI ADAB	ALA
bearing number	DSL/APSSDC/34696	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Coll	ege of Engineering, Kak	inada

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

from 23-Sep-19 to 28-Sep-19

Authorized Signatory:

APSSDC

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Ph. 08852 = 252233, 34. Website www.pragati.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:02-07-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME FOUNDATION in collaboration with APSSDC from10-07-2019 to 15-07-2019. All the interested candidates can enroll their names with Mr.R V Simhadri, Asst.Professor, Department of Electronics and Communication Engineering on or before 06-07-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Home Lab

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information. HOD ECE

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Learning in Supreme Direk

PRAGATI ENGINEERING COLLEGE

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Ph 08852 - 252233, 34 Website www pragati ac in

Student Enroll list

S.N o	Roll No	Name of the Student	Signature of the student
1	17A31A0463	Balagam Anjani	B. Anjani
2	17A31A0474	Jonnada Surekha	J. Strepha
3	17A31A04B7	Urlankala Sai Naga Chandu	V. Chandre
4	17A31A0465	Barla Krishna Priya	B. Vainun Drive
5	17A31A0401	Akanksha Mishra	A. Missina.
6	17A31A0466	Preethi jyothsna	Preethi "
7	17A31A04A5	Karanam GopiHemanth	K. I Jenrash
8	17A31A0403	Badam Asha Chandini	Badam. As ha cheman
9	17A31A04B0	Mohammad Younus	M. Youruse
10	17A31A0472	Golla Sowmya	G. Sournya.
11	17A31A0478	Mallipudi Devika Naga Lakshmi	M. D. N. Darshow.
12	17A31A04B6	Simhadri Jaya Kumar	S. Jaya kumos
13	17A31A0473	GunnadaBhanu Sravani	G. Stavani
14	17A31A0486	PadalaSaichakraVidhya Mounika	P. Vidhya Mounita
15	17A31A04A4	GudimellaSrinivasaRaghunathBhas hyam	Gr. Sourinara

Co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

			D	AY WISE	ATTEN	DANCE	KEPOKI	A. 1.20	19-20	71.77			
		DAY-1 10	DAY-1 10-07-2019 DAY-2 11-07-		-07-2019	7-2019 DAY-3 12-07-2019		DAY-4 13-07-2019		DAY-5 14-07-2019		DAY-6 15-07-2019	
2	Roll no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0463	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A0474	P	P	P	P	P	P	P	P	P	1)	P	D
3	17A31A04B7	P	P	P	p	P	P	P	P	A	B	P	P
4	17A31A0465	D	P	P	P	P	P	Þ	P	₽	P	P	P
5	17A31A0401	P	P	P	P	P	P	A	P	P	P	P	P
6	17A31A0466	P	P	P	1	P	P	P	P	P	P	P	P
7	17A31A04A5	P	7	p	P	P	P	P	P	P	P	P	P
8	17A31A0403	A	P	P	P	P	P	P	P	P	P	P	P
9	17A31A04B0	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A0472	P	P	A	4	P	P	P	P	P	P	P	P
11	17A31A0478	P	P	P	P	P	P	P	A	P	P	P	P
12	17A31A04B6	P	P	P	P	P	P	P	A	P	P	P	P
13	17A31A0473	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A0486	P	P	p	Þ	P	0	P	10	P	P	P	P
15	17A31A04A4	P	P	b	P	P	P	P	D	P	P	P	P

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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)
Ph. 08852 – 252233, 34. Website, www.pragati.ac.in

Attendance report

Sno	Roll no	Classes conducted	Classes Attended
1	17A31A0463	36	36
2	17A31A0474	36	34
3	17A31A04B7	36	34
4	17A31A0465	36	36
5	17A31A0401	36	34
6	17A31A0466	36	35
7	17A31A04A5	36	36
8	17A31A0403	36	33
9	17A31A04B0	36	35
10	17A31A0472	36	31
11	17A31A0478	36	34
12	17A31A04B6	36	34
13	17A31A0473	36	35
14	17A31A0486	36	35
15	17A31A04A4	36	36

co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



(Autonomous)

ADB Road, Surampalent, E.G.Dt., A.P. - 533 437 (Approved by AICTE, Permanently Affiliated to INTUK, Kakinada, Accredited by NAAC with 'A' Grade) (Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956) Ph. 08852 - 252233, 34 Website www.pragati.ac.in

APSSDC-TSD1-Electronics Home LAB -FEEDBACK

Date: 15-07-2019

DEPARTMENT

:Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program

:"Electronics Home Lab".

Date / Venue

:10-07-2019 to 15-07-2019/ Electronics Home Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

2

3

Related to Subject:

Is the Topic useful for career:

Method of Delivery:

Suggestions if any: 5

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date: 15-07-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME FOUNDATION in collaboration with APSSDC from24-07-2019 to 31-07-2019. All the interested candidates can enroll their names with Mr.R V Simhadri, Asst.Professor, Department of Electronics and Communication Engineering on or before 19-07-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Home Lab

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information.

HODW ECE

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Student Enroll list

S.N o	Roll No	Name of the Student	Signature of the student
1	17A31A0490	Sayed Anisha Afrin	5. Anisha Afrin
2	17A31A0461	Ajjarapu Sirisha	A. Givilla
3	17A31A0492	Shaik Suhreen	SK. Suhreen
4	17A31A0475	Koppisetti Lohitha Sridevi	K. lohithe Sridei
5	17A31A0471	Garikipati Kiranmayeeswari	G. L'ironnayerwari
6	17A31A04D1	Doddipatla Sri Santosha Praneela	D. Promede
7	17A31A04C8	Chikkala Lakshmi Priyanka	Ch. 1. Psieganka
8	17A31A0476	KukkalaUshaPriyanka	K. Priyante
9	17A31A04C2	Ammula Sai Satya	A. Sai Satja
10	18A35A0427	NamalaVeeraVenkata Sravani	N. V.V. S-sayant
11	17A31A0479	Marni Lakshmi Devika	M. lakahni devela
12	17A31A0480	M Venkata SaiLalitha Charishma	M. Charishmer
13	17A31A0495	Varasala Krishna Priyanka	v. politanka
14	17A31A0489	SavalamTulasi Dora	S. Tulari
15	17A31A0487	PinisettiPravallika	P. Pravalika

Co-ordinator

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DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

			ALI 6617	CHILL	ADMINE	CHEPUR	1 A.T.ZU	119-20					
DAY-1 24-07-2019			DAY-2 25-07-2019		DAY-3	DAY-3 26-07-2019		DAY-4 27-07-2019		DAY-5 29-07-2019		DAY-6 31-07-2019	
Roll no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
17A31A0490	P	P	P	P	P	P	P	P	P	P	P	P	
17A31A0461	P	P	P	P	P	P	D	P	P	P	P	P	
17A31A0492	P	P	P	P	P	P	P	P	P	P	p	Y	
17A31A0475	P	P	P	P	P	P	P	P	P	P	P	P	
17A31A0471	P	P	D	P	P	P	P	P	P	P	p	P	
17A31A04D1	A	A	P	P	P	P	P	P	P	P	P	p	
1/A31A04C8	P	P	P	P	A	A	P	P	P	P	P	p	
17A31A0476	P	P	P	P	P	P	P	A	P	P	P	P	
17A31A04C2	P	P	P	P	p	P	P	P	P	P	P	P	
18A35A0427	P	P	P	P	P	P	P	P	P	P	P	P	
17A31A0479	A	A	P	P	P	P	P	P	P	P	P	P	
17A31A0480	P	P	P	P	P	P	P	P	P	P	P	P	
17A31A0495	P	P	P	P	P	A	A	P	P	P	P	P	
17A31A0489	P	P	P	P	P	P	A	A	P	P	P	P	
17A31A0487	P	P	P	P	P	P	P	P	P	P	P	P	

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Attendance report

5.00	Roll no	Classes conducted	Classes Attended
ı	17A31A0490	36	35
2	17A31A0461	36	35
3	17A31A0492	36	36
4	17A31A0475	36	.36
5	17A31A0471	36	36
6	17A31A04D1	36	31
7.	17A31A04C8	36	31
8	17A31A0476	36	34
9	17A31A04C2	36	35
10	18A35A0427	36	36
Ĥ	17A31A0479	36	33
12	17A31A0480	36	32
13	17A31A0495	36	32
14	17A31A0489	36	33
15	17A31A0487	36	35

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APSSDC-TSDI-Electronics Home LAB -FEEDBACK

Date:31-07-2019

DEPARTMENT

:Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program

"Electronics Home Lab".

Date / Venue

:24-07-2019 to 31-07-2019/ Electronics Home Lab

Please evaluate on a scale of 5:

5 Excellent

4 Very Good

3 Average 2 Poor

1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

Suggestions if any: Need more lab turning. 5

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:02-09-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IVyear that the Department of Electronics-and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME FOUNDATION in collaboration with APSSDC from09-09-2019 to 14-09-2019. All the interested candidates can enroll their names with Mr.R V Simhadri, Asst.Professor, Department of Electronics and Communication Engineering on or before 07-09-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Home Lab

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PROGRAM SCHEDULE Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a brief introduction about the Course Foundation and discussed the fundamentals of the basic components

The following points were highlighted:

- > Basic Components Identification and Testing Practical.
- Introduction about Active Electronic Components
- Introduction about Passive Electronic Components
- Introduction about Basic Test and measurement Equipment
- Lab Session

DAY 2(6-HOURS)

Topic on Power supply systems: Mr. T.SIVA has discussed about the various power systems and its design

- Design and Construction of SMPS
- · Explanation of Input stage
- Explanation of Switching section
- Explanation of output stage
- Explanation of Control unit
- Discussed about precautions, Merits & Demerits

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation: Mr. T.SIVA highlighted the following contents

- > Install and maintenance of Home Appliances
- · Installation of various home appliances on the work bench
- Safety Precautions to be taken while working with home appliances
- Explaining the steps to maintain the home appliances in good condition
- Lab session

Sufficient time is given for the students to practice

Page 1of 2

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DAY 4(6-HOURS)

Projects with Arduino: Mr. P.VAMSI discussed the Designing the Arduino projects

- Design of Basic Arduino projects.
- · Basic connections of Arduino
- · Sensors and external devices of Arduino
- · Basic Arduino programming
- · Designing of basic Arduino projects
- · Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

IOT Projects: Mr. P.VAMSI discussed the Designing of IOT projects

- Design of Basic IOT projects
- Basic connections of IOT
- · Sensors and Internet connections of IOT
- · Basic programming required for IOT
- · Designing of basic IOT projects
- Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

Microcontroller Projects: Mr. P.VAMSI discussed the Designing of Microcontroller projects

- > Design of Basic Micro controller projects
 - · Basic connections of Micro Controller
 - Sensors and External Devices of Micro Controller
 - · Basic programming required for Micro Controller
 - Designing of basic Micro Controller projects
 - Lab session

Sufficient time is given for the students to practice

Page 2 of 2

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COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on Basic electronic circuits, softwares, tools. used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready exposure to Industry Practices.
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

Electronics Home Lab Objective:

To give hands on practice to students on basic and advanced controlling devices. protective devices and tools necessary for wiring in respective of different applications.

After completing this course, a student will be able to:

- Basic Components Identification and Testing Practical.
 - Design and Construction of SMPS
 - > Install and maintenance of Home Appliances
 - Design of Basic Arduino projects.
 - Design of Basic IOT projects
 - Design of Basic Microcontroller projects.

Roles and Responsibilities of Lab Coordinator:

- > Formation of student Batches
- Monitoring the work done by student batches and their regulatory to lab sessions.
- Motivating the students to learn various new technologies in Electronics engineering by considering this certification course as a platform

Resource Persons details

Name: Mr.T.SIVA

Designation: APSSDC Trainer

Contact Details:

Ph.No: 9440756250

Name:Mr.P.VAMSI

Designation: APSSDC Trainer

Contact Details: Ph:No: 8977596066

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Ph 08852 - 252233, 34 Website work pragati acin

Student Enroll list

S.N o	Roll No	Name of the Student	Signature of the student
1	17A31A0477	Magapu Rama Tulasi	M. Pamatulaci
2	17A31A04G4	Gorthi V B S Dattatreya Sastry	G. V. B. S. D. 305 tay
3	17A31A04H2	Medida Jessie Steven	M. Jessir stem
4	17A31A0481	Mokana Jasmine Rani	Me Jasuine Haute
5	17A31A04F8	Adabala Aravinda Vijaya Swamy	A. A. V. Swarny
6	17A31A0482	Nadikatla ManjuSree	N. Maniu
7	17A31A0497	Vishnuvajhala Sri Bala	V. Sri Balan
8	17A31A0484	Nelaparthi Sirisha	N. Sizusha
9	17A31A0494	Vangala Anjani Manogna	V. Manogna
10	17A31A04C5	Bulusu Sri Sai Sandhya	B. 8andhya
11	17A31A0493	TetaliMrudula	T. Moudala,
12	17A31A0469	ChintalapudiSaiRatnanjani	Ch. Janie
13	17A31A0462	AkhilaCheekatla	At line
14	17A31A04H3	MulluLokeshSai Surya Varaprasad	M. Lokest
15	17A31A0464	Bapatla Veera Venkata Durga Bhuvaneswari	B. V. V. O. Chyvanoway
16	17A31A0484	NelaparthiSirisha	Rricha
17	17A31A04C5	Bulusu Sri SaiSandhya	B-85-Sombers
18	17A31A0485	Nulu Sri Surya Sunayana	N. Sunayana
19	18A35A0434	VangalapudiSuryachandra	V. Chardora
20	17A31A04G3	Egala Rajesh	E. Rajash
21	17A31A04G7	GudeSrinivasaRao	9. Brinings Trans

Co-ordinator

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PRAGATI ENGINEERING COLLEGE

DEPARTMENT OF ECE

					DAY WIS	E ATTEN	DANCE	REPORT					
S	Roll no	DAY-10	9.09-2019	DAY-2	0.09-2019	DAY-3	11-09-2019	DAY-4	12-09-2019	DAY-S	1-09-2019	DAY:n	14.09-2014
S.no	Hon no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	EN	14
1.	17A31A0477	P	P	P	P	P	P	P	P	P	D	P	P
2	17A31A04G4	P	P	P	P	P	P	p	P	D	P	À	A
3	17A31A04H2	P	P	P	P	P	D	A	A	Þ	P	P	D
4	17A31A0481	P	P	A	A	P	P	P	P	D	D	P	D
5	17A31A04F8	P	P	1	A	P	P	P	P	V	0	P	0
6	17A31A0482	P	P	A	10	P	P	P	P	P	P	P	0
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	p
8	17A31A0484	P	P	P	P	P	A	A	A	P	P	P	P
9	17A31A0494	P	P	P	P	P	P	P	P	P	P	A	P
	17A31A04C5	P	P	P	P	P	p	P	P	P	0	A	P
11	17A31A0493	P	P	P	P	P	P	P	P	P	P	A	A
12	17A31A0469	P	P	P	P	P	P	P	P	P	D	P	D
13	17A31A0462	P	P	P	P	P	P	P	P	0	P	P	P
14	17A31A04H3	A	P	P	P	P	P	P	P	D	P	P	P
15	17A31A0464	P	P	P	P	P	A	A	P	P	P	P	P
16	17A31A0484	P	P	P	P	P	A	A	p	P	P	P	P
17	17A31A04C5	P	P	P	D	P	P	D	D	P	A	P	P
18	17A31A0485	D	P	P	P	P	P	P	P	P	A	P	P
19	18A35A0434	A	A	P	P	P	Þ	P	P	P	P	P	D
20	17A31A04G3	P	P	P	A	A	P	P	P	P	P	P	P
21	17A31A04G7	A	A	P	P	P	Р	P	P	P	P	P	0

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Ph 08852 - 252233, 34 Website www.pragati.ac.in

Attendance report

S.no	Roll no	Classes conducted	Classes Attended
1	17A31A0477	36	35
2	17A31A04G4	36	30
3	17A31A04H2	36	30
4	17A31A0481	36	31
5	17A31A04F8	36	32
6	17A31A0482	36	35
7	17A31A0497	36	36
8	17A31A0484	36	30
9	17A31A0494	36	32
10	17A31A04C5	36	33
11	17A31A0493	36	30
12	17A31A0469	36	35
13	17A31A0462	36	36
14	17A31A04H3	36	32
15	17A31A0464	36	32
16	17A31A0484	36	31
17	17A31A04C5	36	33
18	17A31A0485	36	32
19	18A35A0434	36	30
20	17A31A04G3	36	30
21	17A31A04G7	36	29

Co-ordinator

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APSSDC-TSDI-Electronics Home LAB -FEEDBACK

Date:14-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program

:"Electronics Home Lab".

Date / Venue

:09-09-2019 to 14-09-2019/ Electronics Home Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any: Need Advanced Topiss

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Ph. (9852—252233, 34. Website wave programs.c.m.)

Date:16-09-2019

Report on Value Added Course "Electronics Home Foundation"

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr.P. VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

Department of Electronics and Communication Engineering organized aone weekValue Added Course on "Electronics Home Foundation" for three Batches with 3 different time slots in Collaboration with APSSDC as fallows. The expert from the APSSDC explained various concepts of Electronics Home Foundation related aspects and gave practical lab sessions.

S.No	Batch	No. of Students Attended	Slot
1	1	15	10-07-2019 to 15-07-2019
2	2	15	24-07-2019 to 31-07-2019
3	3	21	09-09-2019 to 14-09-2019

The Expert Mr.T.SIVA, Trainer, APSSDC mainly focus on the following contents on first 3 days

DAY-1, Topics covered-Basic Components, Identification and Testing

The trainer gaveintroduction about active electronic components, passive electronic components, basic test and measurement equipment and in the afternoon session sufficient time is given for the students to practice.

DAY-2, Topics covered- Design and Construction of SMPS

The trainer gave explanation of input stage, switching section, output stage, control unit and discussed about precautions, merits & demerits and in the afternoon session sufficient time is given for the students to practice.

Page 1 of 2

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DAY-3, Topics covered- Install and maintenance of Home Appliances

The trainer explained theinstallation of various home appliances on the work bench and safety precautions to be taken while working with home appliances and explained the steps to maintain the home appliances in good condition and in the afternoon session sufficient time is given for the students to practice.

The Expert Trainer Mr.P.VAMSI, mainly focus on the following contents on the next 3 days

DAY-4, Topics covered-Design of Basic Arduino projects

The trainer explained basic connections of Arduino, Sensors and external devices of Arduino, basic Arduino programming, designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.

DAY-5, Topics covered-Design of Basic IOT projects

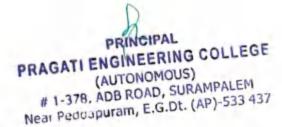
The trainer explained basic connections of IOT, Sensors and Softwares of IOT, basic programming, designing of basic IOT projects and in the afternoon session sufficient time is given for the students to practice.

DAY-6, Topics covered-Design of Basic Microcontroller projects

The trainer explained basic connections of Microcontroller, Sensors and external devices of Microcontroller, basic Microcontroller projects and in the afternoon session Sufficient time is given for the students to practice.

APSSDC CO-ORINATROR

Page 2 of 2





This is to certify that RAMA TULASI MAGAPU	
bearing number. APSSDC/Siemens/M/76702. has succes	sfully
completed Electronics-Home-Foundation C	ourse
Conducted at	
Pragati Engineering College, Surampalem, Kakinada	
from 9-Sep-19 to 14-Sep-19	

Siemens Industry Software Pvt. Ltd

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Papuram, E.G.Dt. (AP)-533 437



This is to certify that	V.B.S.D. SASTRY GORTHI
bearing number APS	DC/Siemens/M/76710. has successfully
completedEl	ectronics-Home-FoundationCourse
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

This is an auto generated Certificate and does not require Signatures

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Near Peddapuram, E.G.Dt. (AP)-533 437

DesignTech Systems Limited

Siemens Industry Software Pvt. Ltd



This is to certify t	hat JESSIE STEVEN MEDIDA
bearing number.	APSSDC/Siemens/M/76711 has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati E	ngineering College, Surampalem, Kakinada
	from 9-Sep-19 to 14-Sep-19

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Near Peddapuram, E.G.Dt. (AP)-533 437

DesignTech Systems Limited



inis is to certify th	at JASWINE KANLINUKANA	************
bearing number. A	PSSDC/Siemens/M/76712 has s	successfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati En	gineering College, Surampalem, Kakin	ada
·	rom 9-Sep-19 to 14-Sep-19	7

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(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

DesignTech Systems Limited

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This is to certify that	ARAVINDA VIJAYA SWAMY ADABALA
bearing number. APS	SDC/Siemens/M/767.13 has successfully
completed	lectronics-Home-Foundation Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
fron	9-Sep-19 to 14-Sep-19

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Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	MANJU SREE NADIKATLA	
bearing number. APS	SDC/Siemens/M/76714. has	successfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kakir	nada
fror	n 9-Sep-19 to 14-Sep-19	

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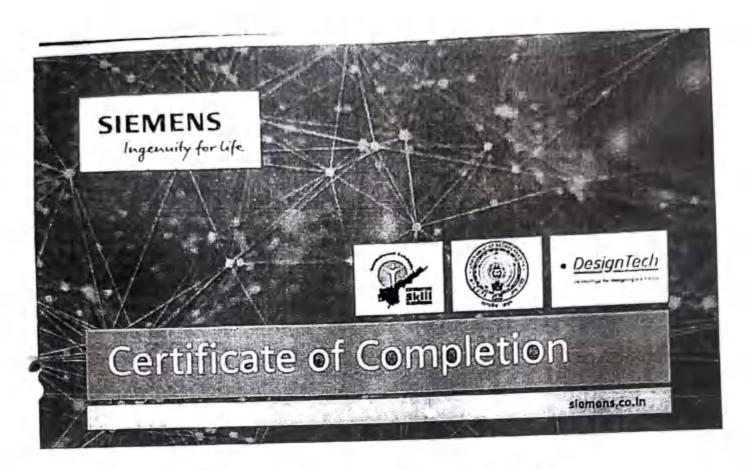
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Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that	SRIBALA VISHNUVAJHALA
bearing number APSS	DC/Siemens/M/7.67.15. has successfully
completedEl	ectronics-Home-Foundation Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

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This is to certify that Anjani Balagam
bearing number APSSDC/Siemens/M/95823 has successfully
completed
Conducted at
Pragati Engineering College, Surampalem
from 10-Jul-19 to 15-Jul-19

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(AUTONOMOUS)
(AP)-533 437
Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify	that Surekha Jonnada	
bearing number,	APSSDC/Siemens/M/95825. has suc	cessfully
completed	Electronics - Home - Foundation	Course
	Conducted at	
Praga	ti Engineering College, Surampalem	
	from 10-Jul-19 to 15-Jul-19	

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This is to certify that Sai Naga Chandu Urlankala
bearing number APSSDC/Siemens/M/95826 has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that	Krishna Priya Barla
bearing number. APS	SDC/Siemens/M/95829. has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem

APSSDC

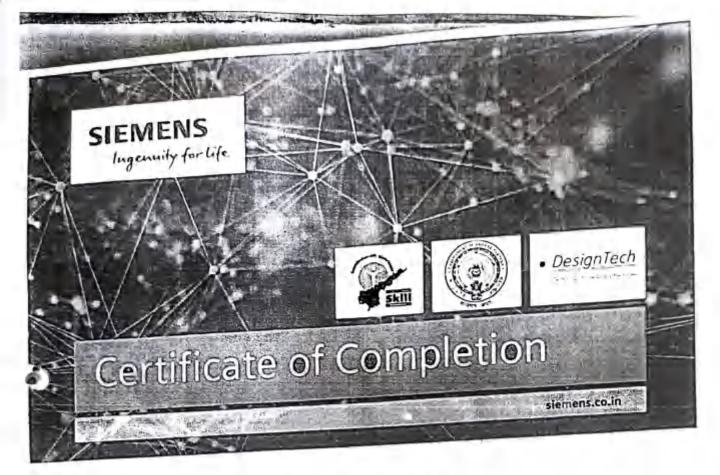
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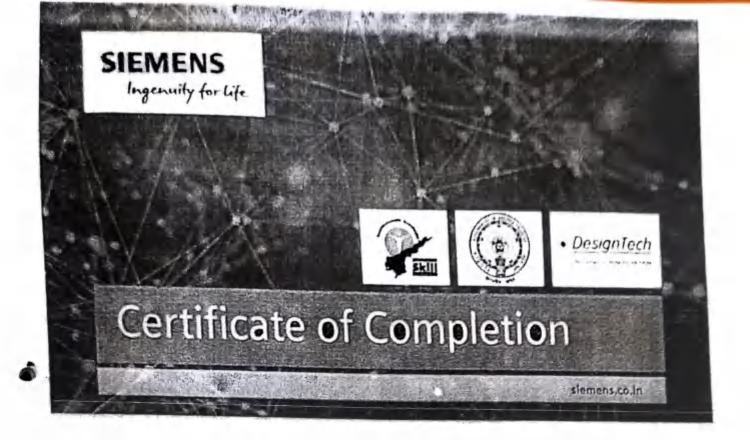


This is to certify that A	kanksha Mishra
	C/Siemens/M/95830 has successfully
	onics - Home - Foundation Course
	Conducted at
Pragati Engin	eering College, Surampalem
	0-Jul-19 to 15-Jul-19

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This is to certify t	hat Preethi Jyothana Chamanthi
bearing number.	APSSDC/Siemens/M/95831. has successfully
completed	Electronics - Home - Foundation Course
	Conducted at
Prago	rti Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that Gopi Hemanth Karanam

bearing number, APSSDC/Siemens/M/95832, has successfully completed. Electronics - Home - Foundation. Course Conducted at

Pragati Engineering College, Surampalem

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from 10-Jul-19 to 15-Jul-19





This is to certify that	Asha Chandini Badam	
bearing number APS	SDC/Siemens/M/95833. has su	uccessfully
completed Elec	tronics - Home - Foundation	Course
	Conducted at	
Pragati Eng	ineering College, Surampalem	
from	10-Jul-19 to 15-Jul-19	

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Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that	Younus Mohammad	
bearing number, APS	SDC/Siemens/M/95834 has su	uccessfully
completedEle	ctronics - Home - Foundation	Course
	Conducted at	
Pragati Eng	gineering College, Surampalem	

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Connad by Cameanna



This is to certify that	Sowmya Golla
bearing number APS	SDC/Siemens/M/95835, has successfully
completed Ele	ectronics - Home - Foundation Course
	Conducted at
Ртадаti Ea	gineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that **Devika Naga Lakshmi Mallipudi**
bearing number **APSSDC/Siemens/M/95836**, has successfully completed **Electronics - Home - Foundation **Course Conducted at **Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures



This is to certify that Jayakumar Simhadri
bearing number. APSSDC/Siemens/M/95837. has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

Siemens Industry Software Pvt. Ltd

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DesignTech Systems Limited

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This is to certify that Bhanu Stavani Gunnada

bearing number APSSDC/Siemens/M/95840 has successfully

completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Swampalem

from 10-Jul-19 to 15-Jul-19

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APSSOC

DesignTech Systems Limited

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This is to certify the	at Mounika Padala
bearing number. A	PSSDC/Siemens/M/95841 has successfully
completed	Electronics - Home - Foundation Course
	Conducted at
Pragati	Engineering College, Surampalem
fr	rom 10-Jul-19 to 15-Jul-19

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DesignTech Systems Limited

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This is to certify that Bhashyam G.S.R.	
bearing number APSSDC/Siemens/M/95847, has	
completed Electronics - Home - Foundation	Course
Conducted at	
Pragati Engineering College, Surampalem	

from 10-Jul-19 to 15-Jul-19

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PRAGATI ENGINEERING COLLEGE
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1-378, ADB ROAD, SURAMPALEM

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This is to certify that	Sirisha Ajjarapu
bearing number. APS	SDC/Siemens/M/95852. has successfully
completed Ele	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	24-Jul-19 to 31-Jul-19

Summers endustry Software Pvt. Ltd.

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DesignTech Systems Limited

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This is to certify that Anisha Afrin Sayed
bearing number APSSDC/Siemens/M/95848 has successfully
completed <u>Electronics - Home - Foundation</u> Course
Conducted at
Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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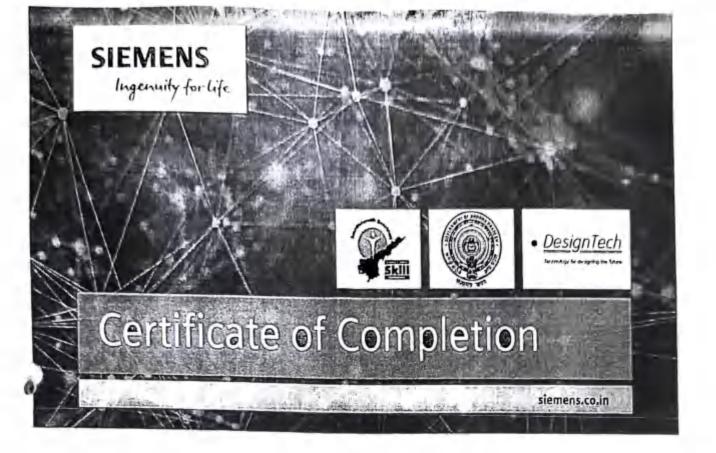
PRAGATI ENGINEERING COLLEGE

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that Suhreen Shaik	
bearing number APSSDC/Siemens/M/95854 has succes	sfully
completed Electronics - Home - Foundation C	ourse
Conducted at	
Pragati Engineering College, Surampalem	erres)
from 24-Jul-19 to 31-Jul-19	

APSSDC

DesignTech Systems Limited

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This is to certify that Lohitha Sridevi Koppisetti
bearing number APSSDC/Siemens/M/95856 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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This is to certify that Kiranmayeeswari Garikipati
bearing number APSSDC/Siemens/M/95858 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

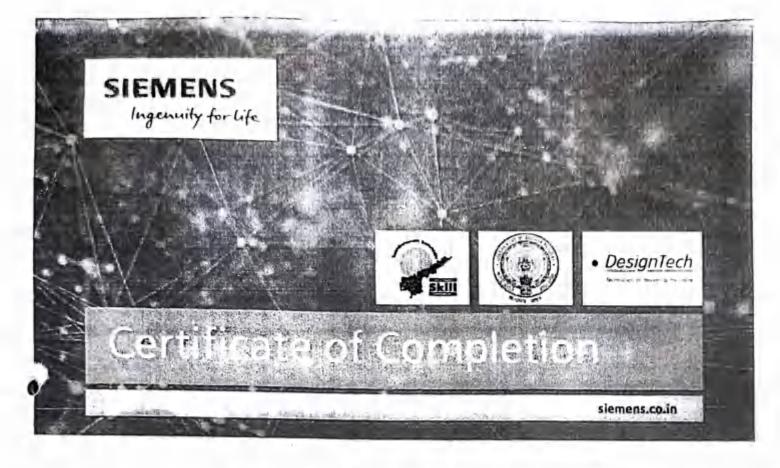
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This is to certify that Sri Santosha Praneela Doddipatla
bearing number APSSDC/Siemens/M/95860 has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP) 533 437

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This is to certify that	Lakshmi Priyanka Chikkala
bearing number. APS	SDC/Siemens/M/95861 has successfully
completed	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
fron	n 24-Jul-19 to 31-Jul-19

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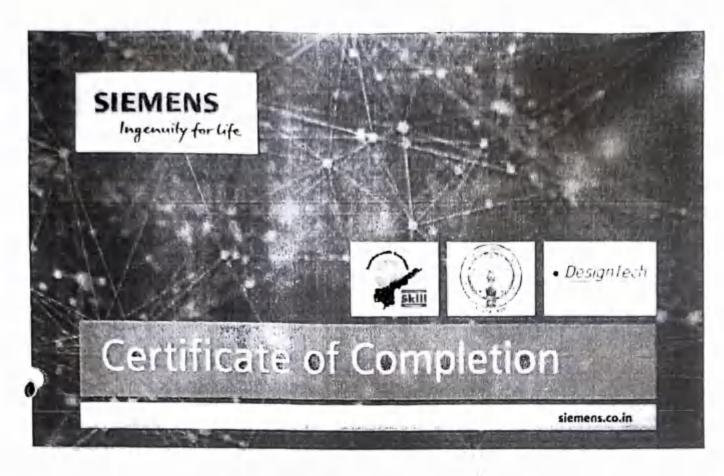
This is to certify that	Usha Priyanka Kukkala
bearing number, APS	SDC/Siemens/M/95862. has successfully
completed Ele	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	m 24 Jul 10 to 21 Jul 10

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1-376, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that	ai Satya Ammula
bearing number, APSSI	OC/Siemens/M/95863 has successfully
completed	ronics - Home - Foundation Course
	Conducted at
Pragati Engir	eering College, Surampalem
from 2	24-Jul-19 to 31-Jul-19

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This is to certify that Veera Venkata Sravani Namala
bearing number APSSDC/Siemens/M/95864 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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PRAGATI ENGINEERING COLLEGE
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This is to certify that	Lakshmi Devika Marni
bearing number, APS	SDC/Siemens/M/95870, has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem

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from 24-Jul-19 to 31-Jul-19



This is to certify that Venkata Sai Lalitha Charishma Masabatt
bearing number. APSSDC/Siemens/M/95874. has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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New Peduapuram, E.G.Dt. (AP)-533 437

9



This is to certify that	Krishna Priyanka Varasala
bearing number. APS	SDC/Siemens/M/95876, has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	n 24-ful-10 to 21 ful 10

Semens Industry Software Pvf 11d

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This is to certify that Tulasi Dora Savalam
bearing number APSSDC/Siemens/M/95877. has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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Peddapuram, E.G.Dt. (AP)-533 437

5



This is to certify that	Pravallika Pinisetti	
bearing number. APS	SDC/Siemens/M/95879, has su	ccessfully
completed Ele	ctronics - Home - Foundation	Course
	Conducted at	
Pragati En	gineering College, Surampalem	

APSSDC

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from 24-Jul-19 to 31-Jul-19



This is to certify that	SIRISHA NELAPARTHI
bearing number APS	SDC/Siemens/M/76716. has successfully
completed£	lectronics-Home-Foundation
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

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This is to certify that	ANJANI MANOGNA VANGAI	.A
bearing number APS	SDC/Siemens/M/76717 has s	uccessfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kakin	ada
fror	n 9-Sen-19 to 14-Sen-19	

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(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify the	hat SRI SAI SANDHYA BULUSU
bearing number.	APSSDC/Siemens/M/7.67.18. has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati Er	gineering College, Surampalem, Kakinada

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(AUTONOMOUS) # 1-379, ADB ROAD, SURAMPALEM Near Peculipuram, E.G.Dt. (AP)-533 437



This is to certify that	MRUDULA TETALI
bearing number. AP	SSDC/Siemens/M/76703 has successfully
completed	Electronics-Home-Foundation
	Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

Siemens Industry Software Pvt. Ltd

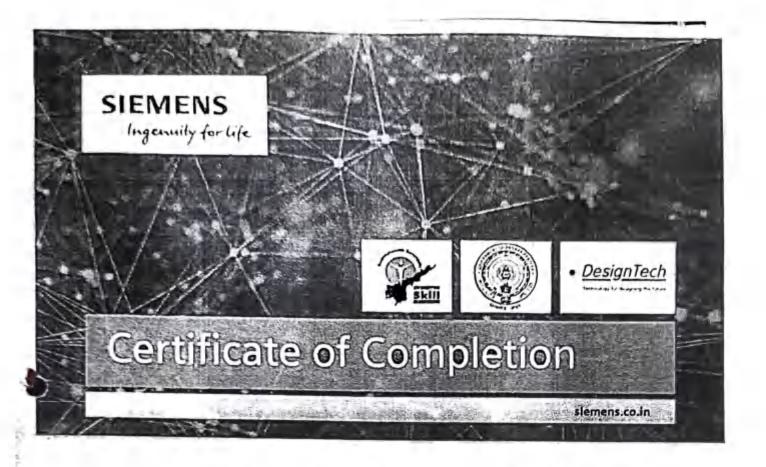
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(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	SAI RATNANIANI CHINTAL	APUDI
bearing number APS	SDC/Siemens/M/76706 has	successfully
completed	lectronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering.College, Surampalem, Kakir	ıada
fron	9-Sep-19 to 14-Sep-19	

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This is to certify that AKHILA CHEEKATLA	
bearing number APSSDC/Siemens/M/7.6707. has successfu	lly
completed Electronics-Home-Foundation Cou	rse
Conducted at	
Pragati Engineering College, Surampalem, Kakinada	
from 9-Sep-19 to 14-Sep-19	

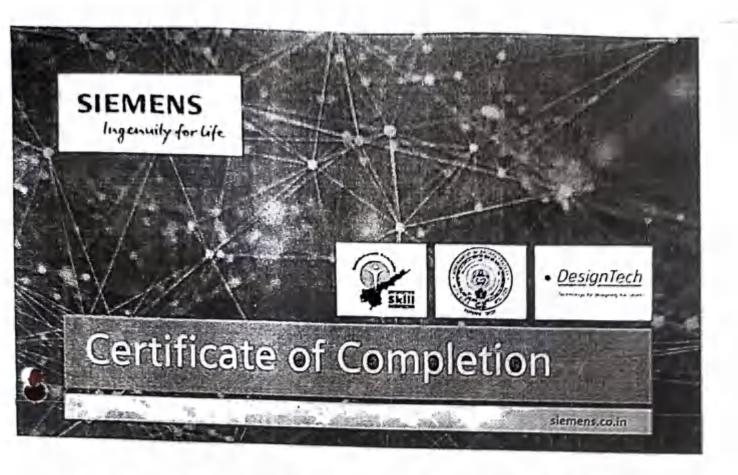
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Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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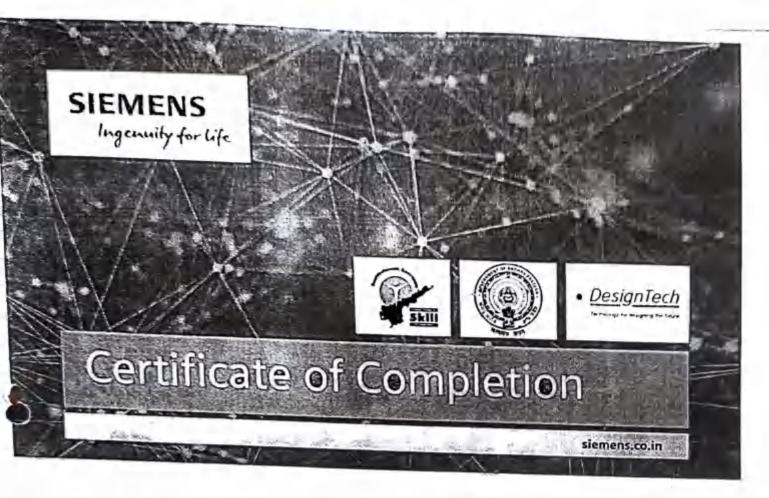
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(AUTONOMOUS)

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This is to certify that SRI SAI SANDHYA BULUSU

bearing number APSSDC/Siemens/M/76718 has successfully

completed

Electronics-Home-Foundation

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Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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PRAGATI ENGINEERING COLLEGE
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This is to certify that SRI SURYA SUNAYANA NULU

bearing number APSSDC/Siemens/M/76719 has successfully

completed Electronics-Home-Foundation Course

Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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(AUTONOMOUS)
(AUTON



This is to certify the	at SURYA CHANDRA VANGALAPUDI
bearing number. A	PSSDC/Siemens/M/76720 has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati Eng	ineering College, Surampalem, Kakinada
fre	m 9-Sep-19 to 14-Sep-19

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1.378, ADB ROAD, SURAMPALEM
Near Peggapuram, E.G.Dt. (AP)-533 437



This is to certify that	RAJESH EGALA
bearing number APS	SDC/Siemens/M/7.672.1. has successfully
completed	lectronics-Home-Foundation Course
	Conducted at
Pragati Engine	eering College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
75. ADB ROAD, SURAMPALEM
of Pendapuram, E.G. Dt (AP)-535-437



This is to certify that SRINIVASA RAO GUDE.

bearing number APSSDC/Siemens/M/76722 has successfully completed Electronics-Home-Foundation Course Conducted at

Pragati Engineering College, Surampalem, Kakinada from 9-Sep-19 to 14-Sep-19

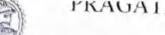
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Near Peddapuram, E.G.Dt. (AP)-533 437



Learning vs. Supreme Docs

PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. - 533 437

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:05-09-2019

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS OFFICE EXPERT in collaboration with APSSDC from 24-09-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, 16-09-2019 to Asst. Professor, Department of Electronics and Communication Engineering on or before 10-09-2019. The number of participants to this course is limited, preference is based on first

Venue: Civil Block Second floor APSSDC Electronics Office Lab

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information.

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PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a expert level explanation about the Course and discussed about the components

The following points were highlighted:

- Basic Components Identification and Testing Practical.
- Introduction about Active Electronic Components
- Introduction about Passive Electronic Components
- Introduction about Basic Test and measurement Equipment
- Lab Session

DAY 2(6-HOURS)

Topic on Power supply systems: Mr. T.SIVA has discussed about the various power systems and its design

- Design and Construction of SMPS
- Explanation of Input stage
- Explanation of Switching section
- Explanation of output stage
- Explanation of Control unit
- Discussed about precautions, Merits & Demerits

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation: Mr. T.SIVA highlighted the following contents

- Install and maintenance of Office Equipment.
- · Installation of various Office Equipment on the work bench
- Safety Precautions to be taken while working with Office Equipment
- Explaining the steps to maintain the Office Equipment in good condition

Lab session

Sufficient time is given for the students to practice

Page 1of 2

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DAY 4(6-HOURS)

- Computer System Mr P.VAMSI discussed the Assembling and Disassembling of Computer System
- Basic connections of Computer System
- Hardware connections and Port Connections of Computer.
- Basic network connections
- Motherboard
- Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

- Installation: Mr. P.VAMSI discussed the Install and uninstall in application software in computer system
- · Basic Softwares of computer for Office Applications
- Software installation and installation.
- Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

Projects with Arduino: Mr. P.VAMSI discussed the Designing the Arduino projects

- Design of Basic Arduino projects.
- · Basic connections of Arduino
- · Sensors and external devices of Arduino
- Basic Arduino programming
- · Designing of basic Arduino projects
- Lab session

Sufficient time is given for the students to practice.

Page 2 of 2

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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	17A31B0440	Praveen kumar Bandila	R. Course
2	17A31A0421	Anika angel Somana	De Son
3	17A31A0404	Amritha Chandrasekhar	Armithal:
4	17A31B0412	Satya nikitha Gullipalli	hikitha
5	17A31A0446	Mehar ankith Bobbili	8. anoth
6	17A31B0457	Chaitanya Uggina	U chartama
7	17A31A0418	Harshitha Palakurthi	D-Hauldle
8	17A31A0429	Razaq qureshi Abdul	A' Pazag.
9	17A31A0437	Ayyappa swami Garaga	Gr. Cwani
10	17A31A0427	Yamima rajlin Navabaktula	N. Yamina
11	17A31B0458	Nadish kumar Undurthi	U Nachush
12	17A31B0405	Anjali kaushik Chitrapu	Anjali taushek ch.
13	17A31A0410	Reshma Katta	K. Reshma
14	17A31A0443	Kishore Palakonda	Kishore.p
15	18A35B0401	Akhil chandra Akula	A schil scharder
16	17A31B0445	Manikanta Dommeti	sup de
17	17A31A0417	Raveenareddy Padala	D. Davcentra Hedry

Co-ordinator

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DEPARTMENT OF ECE

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on		DAY-1	16-09-2019		17-09-2019		18-09-2019		19-09-2019		23-09-2019	DAYA	24-09-2019
S.no	Roll no	FN	AN	FN	AN	FN	AN	EN	AN	FN	AN	FN	AN
1	17A31B0440	P	P	P	P	P	P	D	D	P	P	0	0
2	17A31A0421	P	A	P	D	P	P	D	D	D	P	P	1
3	17A31A0404	P	P	Þ	P	A	A	P	P	-	-	P	P
4	17A31B0412	P	P	P	P	P	P	p	IP.	A	P	P	P
5	17A31A0446	P	P	P	P	P	P	P	P	-	P	- 1	1
6	17A31B0457	P	P	P	P	P	P	P	P	A	0	P	P
7	17A31A0418	P	P	P	P	P	P	P	P	P	P	P	0
8	17A31A0429	P	P	D	D	P	P	P	P	P	P	P	T
0	17A31A0437	P	P	P	P	P	P	P	P	P	P	D	P
10	17A31A0427	P	A	P	P	P	P	P	P	P	P	P	T
11	17A31B0458	P	P	P	P	P	P	P	P	P	P	P	n
12	17A31B0405	P	P	P	P	P	P	P	P	P	P	· n	0
13	17A31A0410	P	P	D	P	D	P	P	P	P	P	P	P
14	17A31A0443	A	A	P	P	P	P	P	P	1	P	P	P
15	18A35B0401	P	P	P	P	P	P	Þ	D	P	P		P
16	17A31B0445	P	P	P	P	P	P	P	P	P	P	P	P
17	17A31A0417	P	P	P	P	P	P	P	P	P	D	P	p

APSSDC Coordinator

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Attendance Report

500	Roll no	Classes conducted	Classes Attended
1	17A31B0440	36	33
2	17A31A0421	36	33
3	17A31A0404	36	30
4	17A31B0412	36	33
5	17A31A0446	36	33
6	17A31B0457	36	36
7	17A31A0418	36	36
8	17A31A0429	36	36
9	17A31A0437	36	36
10	17A31A0427	36	33
11	17A31B0458	36	36
12	17A31B0405	36	36
13	17A31A0410	36	36
14	17A31A0443	36	30
15	18A35B0401	36	33
16	17A31B0445	36	33
17	17A31A0417	36	33

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Co-ordinator

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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on Basic electronic circuits, softwares, tools used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from Industry & Research Institutes, which would give ready exposure to Industry Practices.
- Have Industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

Electronics Office Lab Objective:

To give hands on practice to students on basic and advanced controlling devices, protective devices and tools necessary for wiring in respective of different applications in expert level.

After completing this course, a student will be able to:

- Basic Components Identification and Testing Practical.
- Design and Construction of SMPS
- > Install and maintenance of Office Equipments
- Assembling and Disassembling of Computer System
- Install and uninstall in application software in computer system
- Design of Basic Arduino projects...

Roles and Responsibilities of Lab Coordinator:

- Formation of student Batches
- Monitoring the work done by student batches and their regulatory to lab sessions.
- > Motivating the students to learn various new technologies in Electronics engineering by considering this certification course as a platform

Resource Person details

Name: Mr.T.SIVA

Designation: APSSDC Trainer

Contact Details : Ph.No: 9440756250 Name:Mr.P.VAMSI

Designation : APSSDC Trainer

Contact Details: Ph:No: 8977596066

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APSSDC-TSD1-Electronics Office LAB - FEEDBACK

Date: 25-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr. T.SIVA and Mr.P.VAMSI

Title of Training Program : " Electronics Office Expert".

Date / Venue

: 16-09-2019 to 24-09-2019/ Electronics Office Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

5

2 Method of Delivery: 5

3 Related to Subject:

Н

Is the Topic useful for career:

YES/NO

Suggestions if any: 5

need practical susions like this

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Report on Value Added Course "Electronics Office Foundation"

Date:25-09-2019

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr. P.VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

Department of Electronics and Communication Engineering organized a one week Value Added Course on "Electronics Office Expert" from 16-09-2019 to 24-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Office Expert related aspects and gave practical lab sessions.

The Expert Mr. T.SIVA, Trainer, APSSDC mainly focus on the following contents on first 3 days

DAY-1, Topics covered - Basic Components Identification and Testing and gave Introduction about Active Electronic Components, Passive Electronic Components, Basic Test and measurement Equipment and in the afternoon session Sufficient time is given for the students to practice.

DAY-2, Topics covered - Design and Construction of SMPS and gave Explanation of Input stage, Switching section, output stage, Control unit and Discussed about precautions, Merits & Demerits and in the afternoon session Sufficient time is given for the students to practice.

DAY-3, Topics covered - Install and maintenance of Office equipments , Explained the Installation of various Office equipments on the work bench and Safety Precautions to be taken while working with Office equipments and Explained the steps to maintain the Office equipments in good condition and in the afternoon session Sufficient time is given for the students to practice.

Page 1 of 2

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The Expert Trainer Mr.P.VAMSI, mainly focus on the following contents on the next 3 days

- DAY-4, Topics covered Basic connections of Computer System and Hardware connections and Port Connections of Computer. Basic network connections and Motherboard and in the afternoon session Sufficient time is given for the students to practice.
- DAY-5, Topics covered Basic Softwares of computer for Office Applications, Software installation and installation and in the afternoon session Sufficient time is given for the students to practice.

DAY-6, Topics covered - Design of Basic Arduino projects and basic connections of Arduino ,Sensors and external devices of Arduino ,basic Arduino programming,designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.

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This is to certify that	AKHIL CHANDRA AKULA
bearing number APS	SDC/Siemens/M/76739. has successfully
completed	Electronics-Office-Expert Course
0	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

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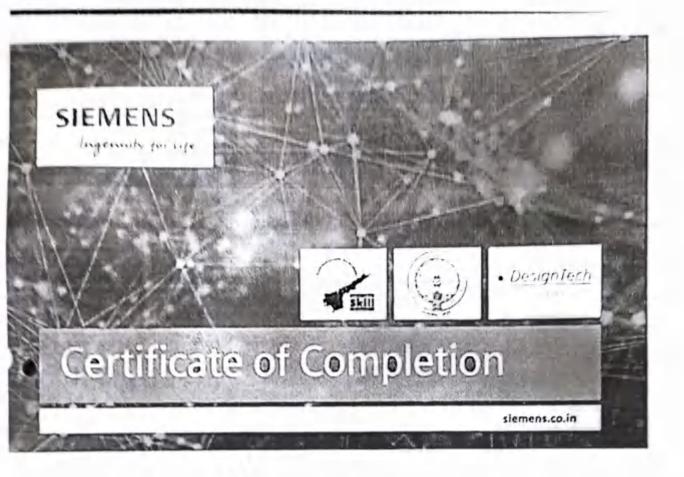
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This is to certify that	MANIKANTA DOMMETI
bearing number APS	SDC/Siemens/M/76736, has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engine	eering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

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This is to certify that	RAVEENAREDDY PADALA
bearing number. APS	SDC/Siemens/M/76728. has successfully
completed	Electronics-Office-Expert
	Conducted at
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This is to certify that	AMRITHA CHANDRASEKHAR	*****
bearing number AP	SSDC/Siemens/M/76740 has succes	sfully
completed	Electronics-Office-Expert C	ourse
1	Conducted at	
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This is to certify that	SATYA NIKITHA GULLIPALLI
bearing number. APS	SDC/Siemens/M/76727. has successfully
completed	Electronics-Office-Expert Course
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Pragati Engineering College, Surampalem, Kakinada

from 16-Sep-19 to 24-Sep-19

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This is to certify that	CHAITANYA UGGINA
bearing number. APS	SDC/Siemens/M/76738, has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
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This is to certify th	at HARSHITHA PALAKURTHI
bearing number. A	PSSDC/Siemens/M/76730, has successfully
completed	Electronics-Office-Expert Course
•	Conducted at
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This is to certify that	RAZAQ QURESHI ABDUL
bearing number. APS	SSDC/Siemens/M/76735 has successfully
completed	Electronics-Office-Expert Course
•	Conducted at
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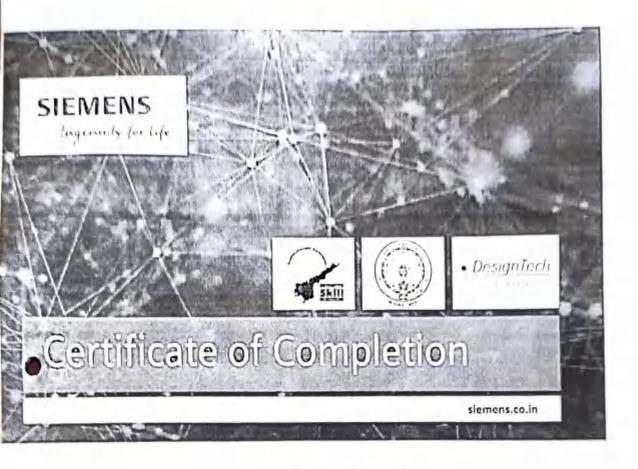
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NEAT AND POAD SURAMPALEM



This is to certify t	hat AYYAPPA SWAMI GARAGA
bearing number.	APSSDC/Siemens/M/76742. has successfully
completed,	Electronics-Office-Expert Course
•	Conducted at
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This is to certify that	YAMIMA RAJLIN NAVABAKTULA
bearing number APS	SDC/Siemens/M/76737. has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
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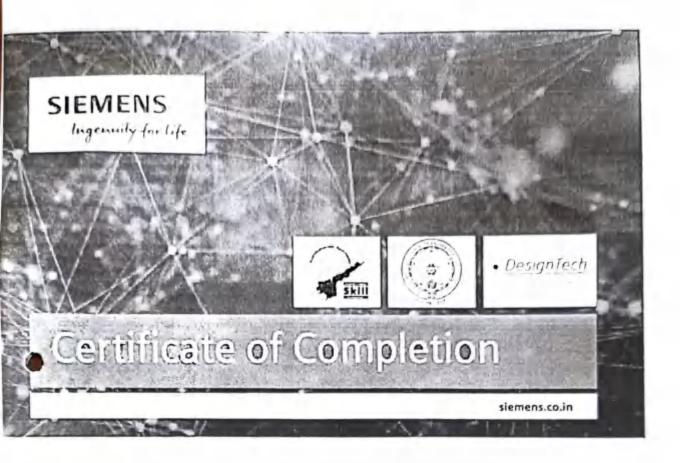
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This is to certify that	NADISH KUMAR UNDURTH	I
bearing number. APS	SDC/Siemens/M/76733. has	successfully
completed	Electronics-Office-Expert	Course
•	Conducted at	
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This is to certify that	ANJALI KAUSHIK CHITRA	P.U
bearing number APS	SDC/Siemens/M/76734 ha	s successfully
completed	Electronics-Office-Expert	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kaki	nada
from	16-Sep-19 to 24-Sep-19	

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This is to certify that	RESHMA KATTA
bearing number APS	SDC/Siemens/M/76732 has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
	16-Sep-19 to 24-Sep-19

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This is to certify that	PRAVEEN KUMAR BANDIL	A
bearing number APS	SSDC/Siemens/M/76741 has	successfully
completed	Electronics-Office-Expert	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kaki	лада
from	16-Sep-19 to 24-Sep-19	

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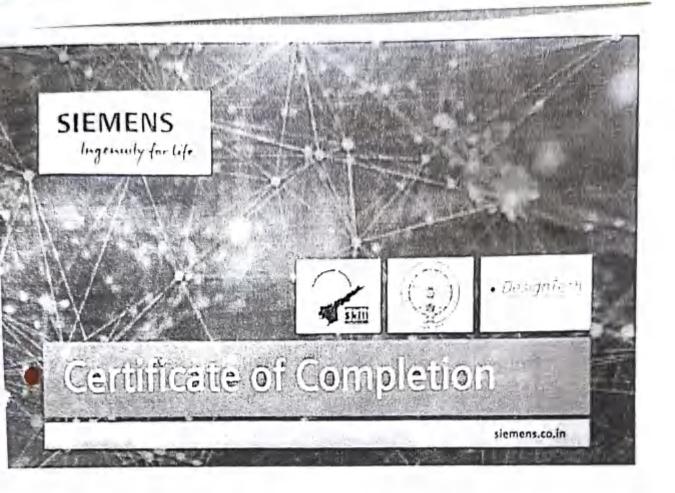
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This is to certify that	ANIKA ANGEL SOMANA	
bearing number, APS	SDC/Siemens/M/76731 has	s successfully
completed	Electronics-Office-Expert	,Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kaki	nada
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This is to certify that	KISHORE PALAKONDA
bearing number APS	SDC/Siemens/M/76726. has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engir	eering College, Surampalem, Kakinada
	n 16-Sep-19 to 24-Sep-19

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Ph: 08852 – 252233, 34. Website: www.pragati.ac in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:05-09-2019

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME EXPERT in collaboration with APSSDC from 16-09-2019 to 24-09-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, Asst. Professor, Department of Electronics and Communication Engineering on or before 10-09-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Home Lab

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information.

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PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a expert level explanation about the Course and discussed the expert level of basic components

The following points were highlighted:

- Basic Components Identification and Testing Practical.
- Introduction about Active Electronic Components
- Introduction about Passive Electronic Components
- Introduction about Basic Test and measurement Equipment
- Lab Session

DAY 2(6-HOURS)

Topic on Power supply systems: Mr. T.SIVA has discussed about the various power systems and its design

- Design and Construction of SMPS
- Explanation of Input stage
- Explanation of Switching section
- Explanation of output stage
- Explanation of Control unit
- Discussed about precautions, Merits & Demerits

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation: Mr. T.SIVA highlighted the following contents

- > Install and maintenance of Home Appliances
- · Installation of various home appliances on the work bench
- · Safety Precautions to be taken while working with home appliances
- · Explaining the steps to maintain the home appliances in good condition
- Lab session

Sufficient time is given for the students to practice

Page Iof 2

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DAY 4(6-HOURS)

Projects with Archino Mr. P.VAMSI discussed the Designing the Archino projects

- Design of Basic Arduino projects.
- · Basic connections of Arduino
- · Sensors and external devices of Arduino
- · Basic Arduino programming
- · Designing of basic Arduino projects
- · Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

IOT Projects: Mr. P.VAMSI discussed the Designing of IOT projects

- Design of Basic IOT projects
- · Basic connections of IOT
- · Sensors and Internet connections of IOT
- Basic programming required for IOT
- Designing of basic IOT projects
- · Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

Microcontroller Projects: Mr. P.VAMSI discussed the Designing of Microcontroller projects

- > Design of Basic Micro controller projects
 - · Basic connections of Micro Controller
 - · Sensors and External Devices of Micro Controller
 - · Basic programming required for Micro Controller
 - Designing of basic Micro Controller projects
 - Lab session

Sufficient time is given for the students to practice

Page 2 of 2

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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

- Have dedicated training courses for various disciplines across design, manufacturing, and maintenance. Get knowledge on Basic electronic circuits, softwares, tools, used for designing, manufacturing as well as marketing and maintaining the life cycle of the product.
- Work on research projects from industry & Research institutes, which would give ready exposure to Industry Practices.
- Have industry ready training and will be capable of delivering the job right on day one in the Industry, upon recruitment.

Electronics Home Lab Objective:

To give hands on practice to students in an expert level on basic and advanced controlling devices, protective devices and tools necessary for wiring in respective of different applications.

After completing this course, a student will be able to:

- Basic Components Identification and Testing Practical.
 - Design and Construction of SMPS
 - Install and maintenance of Home Appliances
 - Design of Basic Arduino projects.
 - > Design of Basic IOT projects
 - Design of Basic Microcontroller projects.

Roles and Responsibilities of Lab Coordinator:

- Formation of student Batches
- Monitoring the work done by student batches and their regulatory to lab sessions.
- Motivating the students to learn various new technologies in Electronics engineering by considering this certification course as a platform

Resource Persons details

Name: Mr.T.SIVA

Designation : APSSDC Trainer

Contact Details:

Ph.No: 9440756250

Name:Mr.P.VAMS1

Designation : APSSDC Trainer

Contact Details:

PRINCIPAL NO: 8977596066

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TReorganized by DGC Under Sections 2(Daniel 121B) of UGC act, 1954)
Ph. 08832 - 232231, 34 Website www-pragation in

Student Enroll list

S.No	Roll No	Name of the Student	Signature of the student
1	17A31A0477	Magapu Rama Tulasi	M.R. Sweet
2,	17A31A04G4	Gorthi V B S Dattatreya Sastry	GI.V.B.S. D. Jasty.
3	17A31A04H2	Medida Jessie Steven	91. Steven
-4,	17A31A0481	Mokana Jasmine Rani	m. Davi
5	17A31A04F8	Adabala Aravinda Vijaya Swamy	A Curamy
6.	17A31A0482	Nadikatla ManjuSree	
7.	17A31A0497	Vishnuvajhala Sri Bala	N. Manjugree
8.	17A31A0484	Nelaparthi Sirisha	M. sionisher
9.	17A31A0494	Vangala Anjani Manogna	V-Aniani
10.	17A31A04C5	Bulusu Sri Sai Sandhya	-R.C.C.C. 1
11.	17A31A0493	TetaliMrudula	T. Not while
12.	17A31A0469	ChintalapudiSaiRatnanjani	O. O.
13.	17A31A0462	AkhilaCheekatla	ald ii
14.	17A31A04H3	MulluLokeshSai Surya Varaprasad	M Lokesh
15.	17A31A0464	Bapatla Veera Venkata Durga Bhuvaneswari	B. V.V. D. Bhuvareswer
16.	17A31A0485	Nulu Sri Surya Sunayana	N.S.C. a.C.
17.	18A35A0434	VangalapudiSuryachandra	V. Surya Surayana.
18.	17A31A04G3	Egala Rajesh	E. On jest
19.	17A31A04G7	GudeSrinivasaRao	Br. Robelvara Raws

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Co-ordinator

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DEPARTMENT OF ECE

Sing	Roll no	DAY	16-09-2010 AN	DAY 2	17-09-201	ATTENI	DANCE	REPOR	T	,			
e	-	IN	AN	EN	AN	DAY-S	DK-199-201	9 DAY-4	19-09-201	DAY-52	1-09-201	DAY-6	24-09-20
1	17A31A0477	P	D	D	- AN	FN	AN	FN	AN	FN	AN	FN	AN
2	17A31A04G4	1	D	D	1	P	P	P	P	P	P	P	F
3	17A31A04H2	b	D	D	P	P	P	P	P	P	P	A	7
4	17A31A0481	D	P	6	P	P	P	P	P	P	P	A	A
3.	17A31A04F8	P	D	6	P	A	A	P	P	P	P	P	P
5	17A31A0482	D	D	D	P	P	P	A	P	P	P	P	D
7.	17A31A0497	P	P	P	P	P	P	P	P	P	D	D	P
8	17A31A0484	A	1	D	D	P	P	P	P	P	P	D	P
9	17A31A0494	P	P	P		P	P	P	P	P	P	P	P
0	17A31A04C5	P	A	P	AD	D	P	P	P	P	P	P	D
	17A31A0493	P	P	A	^	-	P	P	P	P	P	P	D
2	17A31A0469	P	D	D	D	P	P	P	P	P	D	P	0
1	17A31A0462	D	P	P	D		P	P	P	P	P		P
4	17A31A04H3	P	P	D	D	P	P	P	P	P	. P	D	P
5	17A31A0464	D	P	D	P	P	P	P	P	P	A	0	P
5	17A31A0485	P	D	D	D	P	P	P	P	P	P	D	A
1	18A35A0434	P	D	P	P	P	P	P	A	A	P	P	P
8	17A31A04G3	D	5	P	P	P	P	P	P	P	4	P	D
,	17A31A04G7	n	0	D	0	A	P	P	P	P	P	D	D

APSSDC Coordinato

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Attendance report

S.no	Roll no	Classes conducted	Classes Attended
1.	17A31A0477	36	36
2.	17A31A04G4	36	30
3.	17A31A04H2	36	30
4.	17A31A0481	36	30
5,	17A31A04F8	36	33
6.	17A31A0482	36	36
7.	17A31A0497	36	36
8.	17A31A0484	36	30
9.	17A31A0494	36	33
10.	17A31A04C5	36	33
11.	17A31A0493	36	30
12.	17A31A0469	36	36
13.	17A31A0462	36	36
14.	17A31A04H3	36	33
15.	17A31A0464	36	33
16.	17A31A0485	36	30
17.	18A35A0434	36	33
18.	17A31A04G3	36	33
19.	17A31A04G7	36	30

Co-ordinator

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APSSDC-TSD1-Electronics Home LAB - FEEDBACK

Date: 25-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

:Mr. T.SIVA and Mr.P.VAMSI

Title of Training Program

:" Electronics Home Expert Lab".

Date / Venue

: 16-09-2019 to 24-09-2019/ Electronics Home Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

5 Suggestions if any: G000.

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Report on Value Added Course "Electronics Home Foundation"

Date: 25-09-2019

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr. P. VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

Department of Electronics and Communication Engineering organized a one week Value Added Course on "Electronics Home Expert" from 16-09-2019 to 24-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Home Expert related aspects and gave practical lab sessions.

The Expert Mr. T.SIVA, Trainer, APSSDC mainly focus on the following contents on first 3 days

DAY-1, Topics covered- Basic Components, Identification and Testing

The trainer gave introduction about active electronic components, passive electronic components, basic test and measurement equipment and in the afternoon session sufficient time is given for the students to practice.

DAY-2, Topics covered- Design and Construction of SMPS

The trainer gave explanation of input stage, switching section, output stage, control unit and discussed about precautions, merits & demerits and in the afternoon session sufficient time is given for the students to practice.

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DAY-3. Topics covered-Install and maintenance of Home Appliances

The trainer explained the installation of various home appliances on the work bench and safety precautions to be taken while working with home appliances and explained the steps to maintain the home appliances in good condition and in the afternoon session sufficient time is given for the students to practice.

The Expert Trainer Mr. P.VAMSI, mainly focus on the following contents on the next 3 days

DAY-4, Topics covered- Design of Basic Arduino projects

The trainer explained basic connections of Arduino, Sensors and external devices of Arduino, basic Arduino programming, designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.

DAY-5, Topics covered- Design of Basic IOT projects

The trainer explained basic connections of IOT, Sensors and Softwares of IOT, basic programming, designing of basic IOT projects and in the afternoon session sufficient time is given for the students to practice.

DAY-6, Topics covered- Design of Basic Microcontroller projects

The trainer explained basic connections of Microcontroller, Sensors and external devices of Microcontroller, basic Microcontroller programming, designing of basic Microcontroller projects and in the afternoon session Sufficient time is given for the students to practice.

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PRAGATI ENGINEERING COLLEGE

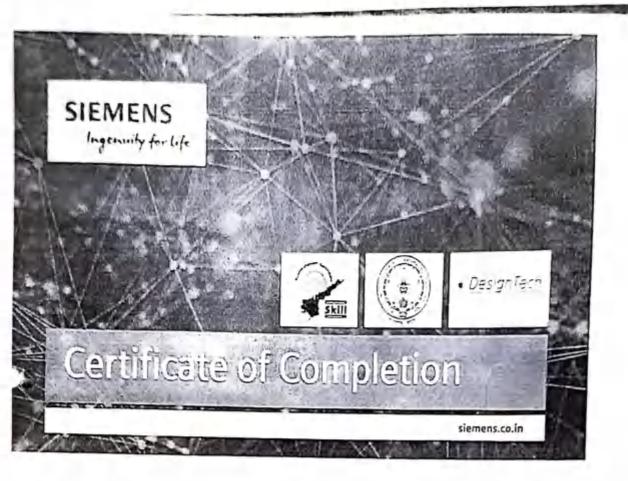
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Page 2 of 2



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bearing number APSSD	C/Siemens/M/766	58.1. has successfully	
completed	lectronics-Home-Expe	rtCourse	
2	Conducted at		
Pragati Engineeri	ing College, Surampal	em, Kakinada	
from 16	-Sep-19 to 24-Sep	-19	
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bearing number. APS	SDC/Siemens/M/76694, has successfully
completed	Electronics-Home-Expert Course
	Conducted at

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This is to certify that	JESSIE STEVEN MEDIDA
bearing number APS	SDC/Siemens/M/76691 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
	Company Co.

from 16-Sep-19 to 24-Sep-19

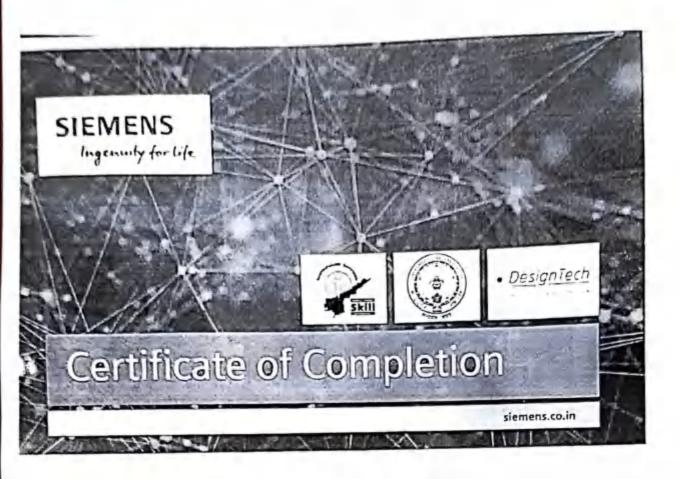
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This is to certify that	JASMINE RANI MOKANA
bearing number. APS	SDC/Siemens/M/76698 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that	ARAVINDA VIJAYA SWAMY ADABALA
bearing number APS	SDC/Siemens/M/76687 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
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This is to certify that	MANJU SREE NADIKATLA
bearing number APS	SDC/Siemens/M/76688 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that	SRIBALA VISHNUVAJHALA
bearing number APS	SDC/Siemens/M/76695 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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from	16-Sep-19 to 24-Sep-19

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This is to certify that	SIRISHA NELAPARTHI
bearing number APS	SDC/Siemens/M/76682 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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	n 16-Sep-19 to 24-Sep-19

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This is to certify that	ANJANI MANOGNA VANG	ALA
bearing number APS	SDC/Siemens/M/76683 ha	s successfully
completed	Electronics-Home-Expert	Course
	Conducted at	
Pragati Engine	eering College, Surampalem, Kak	inada
from	16-Sep-19 to 24-Sep-19	

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This is to certify that SRI SAI SANDHYA BULUSU bearing number. APSSDC/Siemens/M/76686 has successfully Electronics-Home-Expert completed .. Conducted at Pragati Engineering College, Surampalem, Kakinada

from 16-Sep-19 to 24-Sep-19

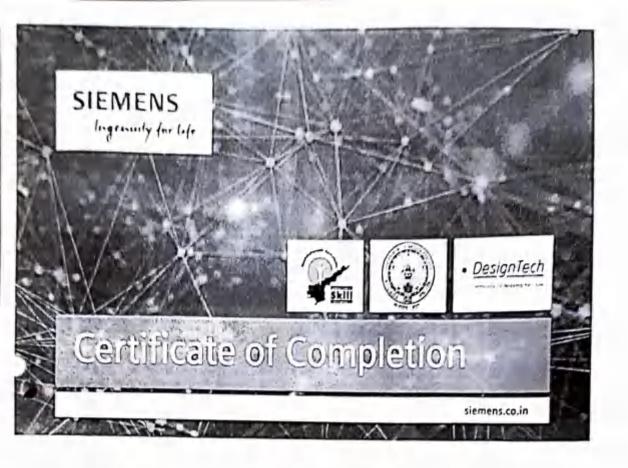
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This is to certify that	MRUDULA TETALI
bearing number APS	SDC/Siemens/M/76696 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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from	16-Sep-19 to 24-Sep-19

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This is to certify that	SAI RATNANJANI CHINTALAPUDI	
bearing number APS	SDC/Siemens/M/76684 has success	fully
completed	Electronics-Home-Expert Co	ourse
	Conducted at	

Pragati Engineering College, Surampalem, Kakinada

from 16-Sep-19 to 24-Sep-19

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Near Peddapuram, E.G.Ot. (AP)-533 437



This is to certify that	AKHILA CHEEKATLA
bearing number APS	SDC/Siemens/M/76699 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

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This is to certify that LOKESH SAI SURYA VARA PRASAD MULLU
bearing number. APSSDC/Siemens/M/76697. has successfully
completed Electronics-Home-Expert Course

Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 16-Sep-19 to 24-Sep-19

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This is to certify that	VEERA VENKATA DURGA BHUVANE	SWARI BAPATLA
bearing number APS	SDC/Siemens/M/76689 ha	s successfully
completed	Electronics-Home-Expert	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kak	inada

from 16-Sep-19 to 24-Sep-19

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This is to certify that	SRI SURYA SUNAYANA NULU
bearing number APS	SDC/Siemens/M/76700 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	ering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

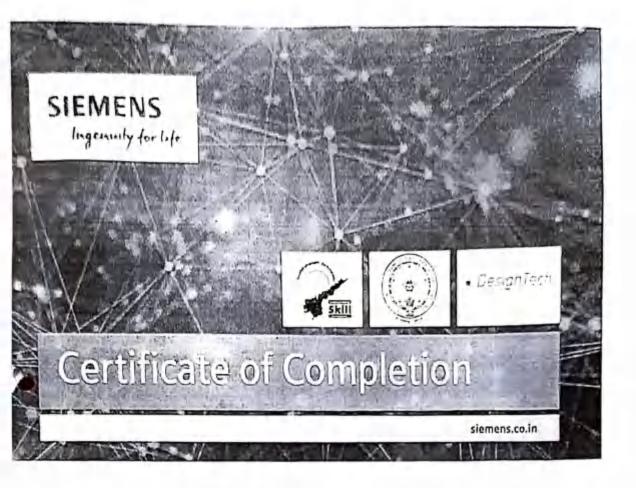
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This is to certify that	SURYA CHANDRA VANGALAPUDI	¥.
bearing number APS	SDC/Siemens/M/76692 has successfull	y
completed	Electronics-Home-Expert Cours	e
	Conducted at	
Pragati Engir	eering College, Surampalem, Kakinada	
fron	16-Sep-19 to 24-Sep-19	

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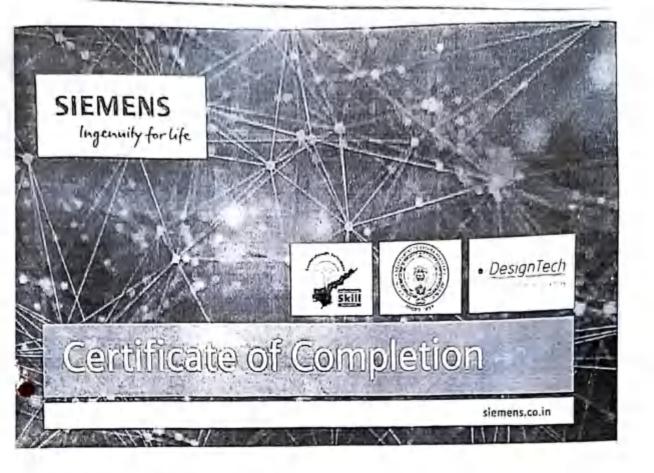
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Samuel La Come Common



This is to certify that RAJESH EGALA. bearing number APSSDC/Siemens/M/76701 has successfully completed Electronics-Home-Expert Course Conducted at Pragati Engineering College, Surampalem, Kakinada from 16-Sep-19 to 24-Sep-19

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bearing number, APS	SDC/Siemens/M/76685 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada

from 16-Sep-19 to 24-Sep-19

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Ph. 08852 – 252233, 34. Website: www.pragati.ac.in

Date: 07/09/2019

CIRCULAR

It is here by informed to all the students of III B.Tech CSE, that there will be an Add On Course going to conducted in the Computer Science and Engineering departmentas per the below schedule.

Name of the Course: Problem Solving using C Programming

Name of the Faculty: Dr.A.Radha Krishna

Start Date:

11/09/2019

End Date:

16/09/2019

Venue: Marvin Minsky Lab

Interested students are required to get enrolled in this course through their class teacher on or before 10-09-2019.

Copy to:

- 1) Principal Office
- 2) Add-On Course File
- All the HODs circulate among their students.

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DEPARTMENT OF CSE

organizes

Add-on Course on

PROBLEM SOLVING USING-C PROGRAMMING

from 11/09/2019 to 16/09/2019

Faculty Coordinator

Ms.A.Harini Assistant Professor Dept of CSE 97053 00711



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Course Objectives

The course is designed to provide Basic knowledge of C Programming. C programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the C programming language.

Duration

36 Hours (6 hours each day X 6 days)

Course Outcomes

At the end of the skill development program students got enlighten with C Software and its access that could be applied on various parts of our day to day life that could help us in completing any program in a very simple task. They learnt fundamental thing like Arrays, Strings, Pointers, and Structures etc

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Course Content

Topics Covered in 6 Days:

Day 1:

- Introduction to Problem Solving through programs, Flowcharts.Installation of Geany& TDM GCC.
- Basic Algorithms and Numerical Algorithms with an examples.
- Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching basic programs with an examples.

Day 2:

- Conditional Branching and Iterative Loops with examples.
- Arranging things: Arrays,1D array,2D array,Strings:Characterarray,string array.

Day 3:

- Introduction to Functions, types, parameter passing mechanisms.
- Recursion, Structure, Union, Pointers.

Day4:

Advanced Concepts.

Day 5:

- Advanced Concepts.
- Previous TCS Code vita Questions.

Day 6:

- Previous TCS Code vita Questions.
- Assessment on Hacker earth

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Course Schedule

Topics Covered in 6 Days:

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Problem Solving using C Programming

Attendance Sheet

Sl. No.	Roll No	Name of the student	Signature
1	17A31B0505	Dasari Dharani Sai	D. Dlow he
2	17A31B0509	Gummadi Navya Sri Devi	G. Navya Sai
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	K. Johnson
4	17A31B0520	Kothapalli Mallika	k. Mallika
5	17A31B0526	Namala Devi Sireesha	No Ten street
6	17A31B0529	Nanduri Vinayamrutha	N. Vinayannutla
7		Neelam Sri Venkata Hari Priya	N. Poiya
8		Are Sumanth	A. Suranett
9	17A31B0539	Badugu Rammohan Rao	B. Rammohan Roa
10	17A31B0545	Gpllamudi Venkata Sai Pranay Kumar	G. Kumah
11		Mallidi Rohith Reddy	M. Bohith-Rodden
12	17A31B0556	Seela Ajay Krishna	S. Asay Exchan
13	17A31B0559	Vinnakoti Sravanth Krishna	V. Krisha
14	17A31A0564	Durgavarapu Sai Amrutha	D. Amsutha
15		Gorrela Lohitha	(little
16	17A31A0567	Guddati Jessipriyanka	S. Jose Bullandas
17	17A31A0577	Nanduri Kamala Kumari	N. Kampla Currey?
18	17A31A0578	Nanduri Vimala Kumari	N. Virala Kumdi
19	18A35B0501	Pamu Madhu Babu	P. Madhu Bah.

Signature of Coordinator

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Problem Solving using C Programming

Attendance Sheet

SI. No.	Roll No	Name of the student	11/09/2019	12/09/2019	13/09/2019	14/09/2019	15/09/2019	16/09/2019
1	17A31B0505	Dasari Dharani Sai	P	P	P	P	P	P
2	17A31B0509	Gummadi Navya Sri Devi	P	P	A	P	P	P
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	A	P	P	P	D	P
4	17A31B0520	Kothapalli Mallika	P	P	A	P	D	D
5	17A31B0526	Namala Devi Sireesha	P	P	Þ	P	P	D
6	17A31B0529	Nanduri Vinayamrutha	P	P	P	A	P	P
7	17A31B0530	Neelam Sri Venkata Hari Priya	P	P	P	P	P	À
8	17A31B0538	Are Sumanth	P	A	P	P	P	- P
9	17A31B0539	Badugu Rammohan Rao	P	P	P	P	P	P
10	17A31B0545	Gpllamudi Venkata Sai Pranay Kumar	P	P	P	P	A	P
11	17A31B0547	Mallidi Rohith Reddy	P	P	P	P	P	D
12	17A31B0556	Seela Ajay Krishna	P	P	P	P	P	D
13	17A31B0559	Vinnakoti Sravanth Krishna	P	P	P	P	D	A
14	17A31A0564	Durgavarapu Sai Amrutha	A.	P	P	P	P	b
15	17A31A0566	Gorrela Lohitha	P	P	P	P	P	D
16	17A31A0567	Guddati Jessipriyankā	P	P	P	P	P	P
17	17A31A0577	Nanduri Kamala Kumari	P	A	P	P	P	D
18	17A31A0578	Nanduri Vimala Kumari	P	P	P	P	Á	D
19	18A35B0501	Pamu Madhu Babu	P	P	P	A	Р	D

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Date: 16/09/2019

: Computer Science and Engineering Department

: 2019-2020 Academic Year

: Dr.A.Radha Krishna Name of the speaker

:Problem Solving using C Programming Title of Training Program

:11/09/2019 to 16/09/2019/MarvinMinsky Lab Date / Venue

Please evaluate on a scale of 5;

1 Avoid in Future 2 Poor 3 Average 4 Very Good 5 Excellent

Usefulness of Topic: 1

Method of Delivery: 2

Related to Subject: 3

Is the Topic useful for career:

delivered ERING COLLEGE Suggestions if any: (AUTONOMOUS)

YES/NO

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Date:16/09/2019

Department

: Computer Science and Engineering

Academic Year

: 2019-2020

Name of the speaker

: Dr.A.Radha Krishna

Title of Training Program

:Problem Solving using C Programming

Date / Venue

:11/09/2019 to 16/09/2019/MarvinMinsky Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: 1

2 Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

YES/NO

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5 Suggestions if any: OT PRAGATLENGINEERING COLLEGE (AUTONOMOUS)

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Report on Problem Solving using C Programming

Date: 25-09-2021

Resource person details

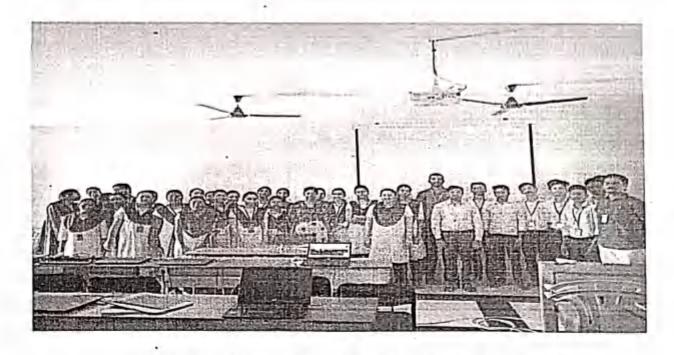
Name: Dr.A.Radha Krishna

Designation: Associate Professor

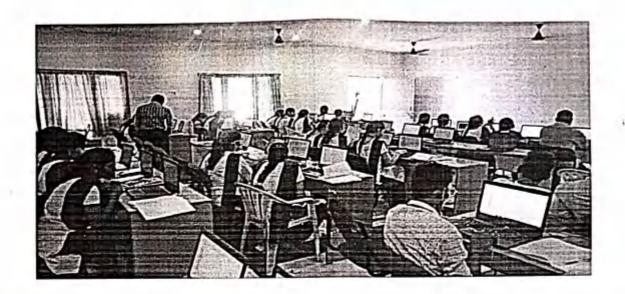
Contact details:

Phone no: 9440614466

A six day Add-on Course on "Problem Solving using C programming" was organized by the Departments of IT &CSE during 11th Sept. 2019 to 16th Sept. 2019 at Marvin Minsky Lab. A total of 19 students participated in the workshop from CSE Department. The feedback from the students has been collected.



During practice session of basics of Problem Solving through programs



During practice session of Previous TCS Code vita Questions.

Signature of the Faculty Coordinator

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Certificate of Participation

This is to certify that Mr. /Ms. Kajuluri V.N.D S. Jahnavi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on **Problem Solving using C Programming** Conducted from 11/09/2019 to 16/09/2019 organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Marini

Coordinator

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Certificate of Participation

This is to certify that Mr. /Ms. Gummadi Navya Sri Devi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on

Problem Solving using C Programming Conducted from 11/09/2019 to 16/09/2019 organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem. PRINCIPAL

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 21-11-2019

CIRCULAR

It is hereby informed to the III B.Tech II Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: PARALLEL COMPUTING

Name of the Faculty: Mrs. D Sirisha

Start Date: 26-11-2019

End Date: 02-12-2019

Time: 9.30 AM to 3.30 PM

Venue: IT Computer Lab

Interested Students must register their names through their class teacher on or before 23-11-2019.

Circulation among III IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY
Add on Course

PARALLEL COMPUTING

Resource Person
Mrs. D Sirisha,
Associate Professor,
Dept. of IT,
Pragati Engineering College

DATE: 26-11-2019 TO 02-12-2019

- Day 1: Parallel and distributed computing architectures, shared memory processors; distributed memory processors;
- Day 2: Multicore processors, Parallel Programming: programming models
- Day 3: OpenMP for shared memory programs; MPI library for message passing;
- Day 4: Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- Day 5: Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed.
- Day 6: Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Parallel and distributed computing architectures, shared memory processors;
 distributed memory processors;
- Day 2: Multicore processors, Parallel Programming; programming models
- Day 3: OpenMP for shared memory programs; MPI library for message passing;
- Day 4: Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- Day 5: Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed.
- Day 6: Characteristics of Interactions, Mapping Techniques for Load Balancing-Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

CO-ORDINATOR

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Course Objective

The objective of this course Program is to

- Parallel Computing deals with emerging trends in the use of large scale computing
 platforms ranging from desktop multicore processors, tightly coupled SMPs, message
 passing platforms, and state-of-the-art virtualized cloud computing environments.
- To comprehend the ideas of Temporal Parallelism, Data Parallelism, and Parallel Computers.
- To get knowledge of parallel computer structures.
- To understand the mapping Techniques for Load Balancing.

Outcome of the course

Upon completion of the course student will be able to

- · Do the problems in parallel
- Be familiar with various parallel computer architectures
- Understand OpenMP for shared memory programs and MPI library for message passing, thread based programming.
- Comprehend How Parallel Computer Performance is Evaluated
- Do Matrix-vector multiplication and matrix computations

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Ph: 08852 – 252233, 34. Website: www.pragati.ac.in

REPORT

Resource person details

Name: Mrs D Sirisha

Designation: ASSOCIATE PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: hod it@pragati.ac.in

On Day 1 gave introduction to Parallel and distributed computing architectures, shared memory processors; distributed memory processors;

Typically, one machine with many processors is needed for parallel computation. On the other hand, distributed computing entails a number of independent (and frequently dispersed geographically) computer systems completing various tasks.

A shared-memory multiprocessor is an architecture with a small number of processors that all have hardware access to the whole system's main memory. This makes it possible for any system processor to access data that any other processor has already created or will utilise in the future.

A multiprocessor computer system with distributed memory is one in which every processor has access to its own private memory. Computational jobs can only work with local data; if distant data are needed, they must connect to one or more remote processors. Computational activities can only operate on local data.

On Day 2 discussed about Multicore processors, Parallel Programming; programming models.

An integrated circuit with two or more processing cores attached for improved performance and lower power consumption is called a multicore processor. Moreover, these processors allow for the more effective parallel processing and multithreading of numerous tasks.

Simply explained, parallel programming is the technique of breaking a problem down into smaller jobs that may be carried out concurrently using various computing resources.

An execution model connected to an API or a specific coding style is referred to as a programming model. The execution model of the base programming language and the execution model of the programming model are the two execution models that are really in use in this style.

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On Day 3 discussed about OpenMP for shared memory programs; MPI library for message passing;

The proposed industry standard Application Program Interface (API) for programming with shared memory is called OpenMP. It is based on the use of environment variables, library routines, and compiler directives to provide shared memory parallelism in Fortran and C/C++ programmes.

Message Passing Interface is referred to as MPI.

To communicate amongst processes (computers, workstations, etc.), MPI is employed. These messages may include data of many types, from simple types (such as numbers, texts, and so on) to actual objects.

MPI is merely an interface, therefore before you can begin writing code, you must have an implementation of MPI.

Every implementation of the interface is required to be able to perform the functions listed in the interface itself. Because they all adhere to the general interface, MPI implementations are therefore standardised. Consider MPI to be a protocol that specifies the guidelines for message passing but leaves it to implementations to implement the functions that adhere to the guidelines.

On Day 4 discussed about Thread based programming, Parallel algorithms; sorting; matrixvector multiplication;

Several applications can run simultaneously on a single processor thanks to the programming method known as multi-threading. Each application in multi-threaded programming receives a control thread that operates concurrently with all other threads in the system. The microprocessor allows enough time for each thread to execute.

An algorithm that performs many operations concurrently, as opposed to the standard serial method, is called a parallel algorithm. Serial algorithms are traditionally described in abstract machine models, frequently the one referred to as the random-access machine.

A matrix and a vector are multiplied to create a new vector in a process known as matrixvector multiplication.

On Day 5 Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed. Divide and Conquer technique, Inverse of a matrix was discussed.

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On Day 6 discussed about Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

The goal is for all tasks to be completed in the least amount of time possible after a computation has been broken down into smaller tasks. The overheads of running the activities in parallel must be kept to a minimum to obtain a short execution time. Two main sources of overhead exist for each given decomposition. One source of overhead is the time used for inter-process communication. The amount of time some processes may go without performing any work is a significant source of overhead.

Many factors can cause some processes to become idle even before the entire computation is complete. A load distribution that is uneven could lead to some processes finishing sooner than others.

In order to meet the limits imposed by the task-dependency graph, all the incomplete activities mapped onto a process could occasionally be waiting for tasks mapped onto other processes to finish. The role of mapping frequently affects both interaction and idle time. As a result, an effective task-process mapping must aim to accomplish the twin goals of (1) minimising the amount of time processes spend communicating with one another and

(2) reducing the overall amount of time some processes are idle while the others are working on certain tasks.

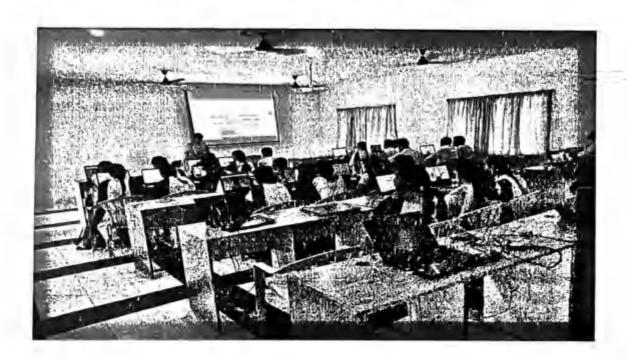


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ADB Road, Summpalem, E.G.Dt., A.P. – 533 437 (Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)
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Photographs during training session



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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	17A31A1201	A.Jaswanthi	A Jaswanthi
2	17A31A1212	K.Pavana Supriya	K. Supria
3	17A31A1214	Manyam. Monika	Marinal
4	17A31A1219	N.Sravani	N. Sravarri
5	17A31A1222	N.Tejaswi	N. Tejas wi
6	17A31A1223	Palukuri Tejaswi	Palukheri Teja
7	17A31A1225	P. Srijani	P. Smany
8	17A31A1228	Preksha Jain	Pro XX
9	17A31A1231	S.Geethika Sai Lakshmi	S. Greetlika
10	17A31A1233	T. Sushma Reddy	T. Sushma Reddy
11	17A31A1234	T S SKrishna Prathyusha	TS Skrishna
12	17A31A1235	T.B N Keerthana	T. Keerthana
13	17A31A1236	V.DevaManojna	V.Doo
14	17A31A1237	V. Teja Sruthi	V. Teja
15	17A31A1244	Ch. Naga Vitesh	Ch WitoI
16	17A31A1249	K.Sunil kumar	V.C.

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	26-11- 2019	27-11- 2019	28-11- 2019	29-11- 2019	30-11- 2019	02-12- 2019
1	17A31A1201	A.Jaswanthi	P	P	P	P	Р	P
2	17A31A1212	K.Pavana Supriya	P	P	P	P	P	P
3	17A31A1214	Manyam. Monika	P	A	P	P	P	P
4	17A31A1219	N.Sravani	P	P	P	A	P	P
5	17A31A1222	N.Tejaswi	P	P	A	P	P	P
6	17A31A1223	Palukuri Tejaswi	P	D	P	P	Α	P
7	17A31A1225	P. Srijani	P	A	P	P	P	A
8	17A31A1228	Preksha Jain	P	P	Α	P	PI	P
9	17A31A1231	S.Geethika Sai Lakshmi	Α	P	P	P	P	P
10	17A31A1233	T. Sushma Reddy	P	P	P	P	P	P
11	17A31A1234	T S SKrishna Prathyusha	P	P	P	P	P	P
12	17A31A1235	T.B N Keerthana	P	P	P	Α	P	P
13	17A31A1236	V.DevaManojna	P	A	P	P	Α	Þ
14	17A31A1237	V. Teja Sruthi	P	P	Р	P	P	P
15	17A31A1244	Ch. Naga Vitesh	P	P	P	P	P	P
16	17A31A1249	K.Sunil kumar	P	P	P	P	P	P



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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	17A31A1201	6	6
2	17A31A1212	6	6
3	17A31A1214	6	5
4	17A31A1219	- 6	. 5
5	17A31A1222	6	5
6	17A31A1223	6	5
7	17A31A1225	6	4
8	17A31A1228	6	5
9	17A31A1231	6	5
10	17A31A1233	6	6
11	17A31A1234	6	6
12	17A31A1235	6	5
13	17A31A1236	6	4
14	17A31A1237	6	6
15	17A31A1244	6	6
16	17A31A1249	6	6

CO-ORDINATOR

A

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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date:02-12-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLE COMPUTING Value added course"

Date / Venue: 26-11-2019 to 02-12-2019 /IT Computer Lab

Please evaluate on a scale of 5;

& Excellent 4 Very Good 3 Average 2 Poor I Avoid in Future

1 Usefulness of Topic: Excellent

2 Method of Delivery: Good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

The point is very informative and looking forward to have greater implementation of learned course better.

P. Sougari

W

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Near Peddapuram, E.G.Dt. (AP)-533 437



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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date:02-12-2019

DEPARTMENT: Information Technology

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Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLE COMPUTING Value added course"

Date / Venue: 26-11-2019 to 02-12-2019 /IT Computer Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor I Avoid in Future

1 Usefulness of Topic: Very good

2 Method of Delivery: Excellent

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

The program was very effective and glad to have gained knowledge.

A. Jaswanthi

W

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(AUTONOMOUS)



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. A • Jaswanthi Student of Information Technology,

Pragati Engineering college has actively participated and successfully completed Add-on course on

Parallel Computing conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati

Engineering college (Autonomous), Surampalem.

DATE

02-12-2019

A.S.

V

PRINCIPAL PRAGATI ENGINEERING COLLEGE



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. K. DANANA Supring Student of Information Technology,

Pragati Engineering college has actively participated and successfully completed Add-on course on

Parallel Computing conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati

Engineering college (Autonomous), Surampalem.

DATE

02-12-2019

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17-06-2019

CIRCULAR

It is hereby informed to the II B.Tech I Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: R PROGRAMMING

Name of the Faculty: Mr. Ch Venkata Ramana

Start Date: 24-06-2019

End Date: 29-06-2019

Time: 9.30 AM to 3.30 PM

Venue: IT Computer Lab

Interested Students must register their names through their class teacher on or before 20-06-2019.

Circulation among II IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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PRAGATI ENGINEERING COLLEGE

(Autonomous) DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

R PROGRAMMING

Resource Person Mr. CH Venkata Ramana, Assistant Professor, Dept. of IT, Pragati Engineering College

DATE: 24-06-2019 to 29-06-2019

- Day 1: Overview of R and R studio, Installing R and R studio, Introduction to basics of R
- Day 2: Introduction of data frames in R. Introduction to R studio and R Script
- Day 3: Indexing and slicing data frames, creating matrices using data frames, Merging and importing data
- Day 4: Data types and factors, Lists and its operations, Plotting histograms and Piechart, bar charts and scatter plot
- Day 5: Introduction to ggplot2, Aesthelic mapping in ggplot2, Data manipulation in dplyr package
- Day 6: Pipe operator, Conditional statements, Functions in R

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Overview of R and R studio, Installing R and R studio, Introduction to basics
 of R
- Day 2: Introduction of data frames in R, Introduction to R studio and R Script
- Day 3: Indexing and slicing data frames, creating matrices using data frames,
 Merging and importing data
- Day 4: Data types and factors, Lists and its operations, Plotting histograms and Pie chart, bar charts and scatter plot
- Day 5: Introduction to ggplot2, Aesthetic mapping in ggplot2, Data manipulation in dplyr package

· Day 6: Pipe operator, Conditional statements, Functions in R

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REPORT

Resource person details

Name: Mr. Ch. VENKATA RAMANA

Designation: ASSISTANT PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: ch_venkataramana@pragati.ac.in

On Day 1 discussed about Overview of R and R studio, Installing R and R studio,

Introduction to basics of R

The R Foundation for Statistical Computing supports R, a programming language and software environment for statistical computing and graphics. R is an integrated set of tools for calculating, manipulating data, and displaying graphics. It contains a capability for managing and storing data efficiently; a set of operators for array calculations, particularly matrices. A well-developed, straightforward, and efficient programming language that incorporates conditionals, loops, user-defined recursive functions, and input and output facilities, together with a sizable, coherent, integrated set of intermediate tools for data processing.

The integrated development environment (IDE) for R is called RStudio. Together with a console-based editor with syntax highlighting and direct code execution, it also has features for managing workspaces and graphing, history, debugging, and history. On the desktop (Windows, Mac, and Linux), or in a browser connected to RStudio Server or RStudio Server Pro (Debian/Ubuntu, RedHat/CentOS, and SUSE Linux), RStudio is offered in both open source and paid editions. The integrated development environment (IDE) for R, a programming language for statistical computing and graphics, is free and open-source. RStudio was established by JJ Allaire, who also founded the programming language ColdFusion.

On Day 2 discussed about Introduction of data frames in R, Introduction to R studio and R Script

Data is presented as a table in a data frame.

Data frames can contain a variety of data kinds. The second and third columns may be numerical or logical, while the first column may be character-based. The same kind of data should be in each column, though.

To build a data frame, use the data frame() function.

A text file containing (nearly) the exact same commands as you would type into R's command line is known as a R script, (nearly) refers to the requirement to wrap some commands in print() in order to obtain the same output as on the command line if you are using sink() to send the output to a file.

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On Day 3 discussed about Indexing and slicing data frames, creating matrices using data frames, Merging and importing data

Row slicing in R is a way to access the data frame rows and further use them for operations or methods. The rows can be accessed in any possible order and stored in other vectors or matrices as well. Row slicing is an important operation which is easily supported by R programming language.

data.matrix() function in R Language is used to create a matrix by converting all the values of a Data Frame into numeric mode and then binding them as a matrix.

Syntax: data.matrix(df)

Parameters:

df: Data frame to be converted.

On Day 4 discussed about Data types and factors, Lists and its operations, Plotting histograms and Pie chart, bar charts and scatter plot.

Lists in R language, are the objects which comprise elements of diverse types like numbers, strings, logical values, vectors, list within a list and also matrix and function as its element. A list is generated using list() function. It is basically a generic vector that contains different objects. R allows its users to perform various operations on lists which can be used to illustrate the data in different forms.

Creating a List

Lists in R can be created by placing the sequence inside the list() function.

Character, numeric, integer, complex, and logical are R's fundamental data types. The vector, list, matrix, data frame, and factors are some of the fundamental data structures in R.

A bar chart is a great way to display categorical variables in the x-axis. This type of graph denotes two aspects in the y-axis.

The first one counts the number of occurrence between groups.

The second one shows a summary statistic (min, max, average, and so on) of a variable in the y-axis.

You will use the mtcars dataset with has the following variables:

cyl: Number of the cylinder in the car. Numeric variable

am: Type of transmission. 0 for automatic and 1 for manual.

On Day 5 discussed about Introduction to ggplot2, Aesthetic mapping in ggplot2, Data manipulation in dplyr package

Aesthetic mappings describe how variables in the data are mapped to visual properties (aesthetics) of geoms. Aesthetic mappings can be set in ggplot() and in individual layers.

V

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Usage aes(x, y, ...) Arguments x, y, ...

List of name-value pairs in the form aesthetic = variable describing which variables in the layer data should be mapped to which aesthetics used by the paired geom/stat. The expression variable is evaluated within the layer data, so there is no need to refer to the original dataset (i.e., use ggplot(df, aes(variable)) instead of ggplot(df, aes(df\$variable))). The names for x and y aesthetics are typically omitted because they are so common; all other aesthetics must be named.

Value

A list with class uneval. Components of the list are either quosures or constants.

On Day 6 discussed about Pipe operator, Conditional statements, Functions in R

R pipes are a way to chain multiple operations together in a concise and expressive way. They are represented by the %>% operator, which takes the output of the expression on its left and passes it as the first argument to the function on its right.

In R programming like that with other languages, there are several cases where you might wish for conditionally execute any code. Here 'if' and 'switch' functions of R language can be implemented if you already programmed condition based code in other languages, Vectorized conditional implementation via the ifelse() function is also a characteristics of R.

V



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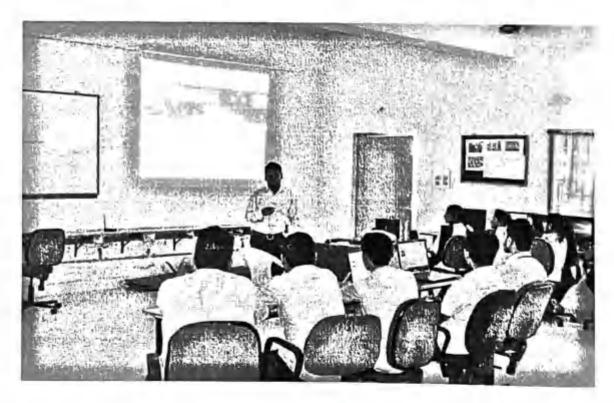
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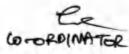
Photographs during training session











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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	18A31A1201	A.Chaitraja	A. Chaitmain
2	18A31A1204	Ch.Lakshmi Sowjanya	Source
3	18A31A1208	K.Vyshnavi Devi	k. Vydno
4	18A31A1211	K.Meghana	K. Meahana
5	18A31A1213	P.Lakshmi Sudha	Po ballone Svala.
6	18A31A1217	M. Joshna Sai Keerthi	M. Joshna Sli Keerlle
7	18A31A1220	P.Sai Mounica	P. San resun;
8	18A31A1221	Ramya Keerthi M	Panyer
9	18A31A1223	R.Ramya	Reausa
10	18A31A1224	D. S V V S K Sri Ramya	Lama
11	18A31A1225	M.Sai Sri	M. S. smi
12	18A31A1226	S.Geethika	& Guthika_
13	18A31A1228	Swarupa Mohapatra	S. Mohapatra
14	18A31A1231	Madhuri V	Madhier V
15	18A31A1236	T.Raja Ravindra	Ray indra'
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	Catya.
17	18A31A1245	K.Teja Hanuma	K. Teja Lanuma
18	18A31A1247	L.Jagannadha Raju	Jagannadha Roin
19	19A35A1201	D.Mounika	D. mounika

CO-ORDINATOR

W

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	24-06- 2019	25-06- 2019	26-06- 2019	27-06- 2019	28-06- 2019	29-06- 2019
1	18A31A1201	A.Chaitraja	P	P	P	P	P	P
2	18A31A1204	Ch.Lakshmi Sowjanya	P	P	P	P	P	P
3	18A31A1208	K.Vyshnavi Devi	P	P	P	P	P	
4	18A31A1211	K.Meghana	D	P	P	P	P	P
5	18A31A1213	P.Lakshmi Sudha	0	A	P	P	P	P
6	18A31A1217	M. Joshna Sai Keerthi	D	P	P	P	PI	P
7	18A31A1220	P.Sai Mounica	P	P	P	A	P	D
8	18A31A1221	Ramya Keerthi M	D	P	P	P	P	P
9	18A31A1223	R.Ramya	A	P	P	P	P	P
10	18A31A1224	D. S V V S K Sri Ramya	P	P	P	P	P	P
11	18A31A1225	M.Sai Sri	P	P	P	P	P	D
12	18A31A1226	S.Geethika	P	P	P	P	-	P
13	18A31A1228	Swarupa Mohapatra	P	Λ	A	P	A	P
14	18A31A1231	Madhuri V	D	P	P	P	P	P
15	18A31A1236	T.Raja Ravindra	A	P	D	P	P	P
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	P	P	A	A	P	P
17	18A31A1245	K.Teja Hanuma	P	P	P	P	P	,
18	18A31A1247	L.Jagannadha Raju	P	. A	D	P	A	A
19	19A35A1201	D.Mounika	D	P	A	P	P	P

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S.No.	Roll No.	Classes Conducted	Classes Attended
1	18A31A1201	6	6
2	18A31A1204	6	6
3	18A31A1208	6	5
4	18A31A1211	6	6
5	18A31A1213	6	5
6	18A31A1217	6	6
7	18A31A1220	6	5
8	18A31A1221	6	6
9	18A31A1223	6	5
10	18A31A1224	6	6
11	18A31A1225	6	6
12	18A31A1226	6	5
13	18A31A1228	6	4
14	18A31A1231	6	6
15	18A31A1236	6	5
16	18A31A1240	6	4
17	18A31A1245	6	5
18	18A31A1247	6	4
19	19A35A1201	6	5

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R PROGRAMMING VALUE ADDED COURSE - FEEDBACK

Date:29-06-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mr. Ch. Venkata Ramana

Title of Training Program: "R PROGRAMMING Value added course"

Date / Venue: 24-06-2019 to 29-06-2019 /IT Computer Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor I Avoid in Future

1 Usefulness of Topic: Very Good

2 Method of Delivery: Cood

3 Related to Subject: 600

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Real time expenience what we said be must

be clear

W

s-Mohapatra



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R PROGRAMMING VALUE ADDED COURSE - FEEDBACK

Date:29-06-2019

DERARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mr. Ch. Venkata Ramana

Title of Training Program: "R PROGRAMMING Value added course"

Date / Venue: 24-06-2019 to 29-06-2019 /IT Computer Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor I Avoid in Future

1 Usefulness of Topic: Excellent

2 Method of Delivery: Good

3 Related to Subject: Very Great

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good

The

R. Ranga

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. D. Mounika	_ Student of Information Technology ,
Pragati Engineering college has actively participated and s	successfully completed Add -on course
R Programming conducted from 24-06-2019 to 29-06-201	9 Organized by Department of IT, Praga
Engineering college (Autonomous), Surampalem.	

DATE 29-06-2019

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(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. A Solya Venkala Surya Student of Information Technology, Pragati Engineering college has actively participated and successfully completed Add -on course on R Programming conducted from 24-06-2019 to 29-06-2019 Organized by Department of IT, Pragati Engineering college (Autonomous), Surampalem.

DATE

29-06-2019







Vp