



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated 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, 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




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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

MS
Co-ordinator

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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

ms
co-ordinator

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Resource Person Details

Name: G.S.V Brahmaji Rao

Designation: Assistant Professor

Contact Details: 7396146591

Photographs during training Session



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D No: 2-24-4/2, Ground Floor, Jammathoora Park Road, Srinagar, Kakinada - 3, Ph: 0884 - 2355800, Fax: 2353900

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 prasanna
2	Dantuluri Tripura Sravya	18A31A0106	T. Sravya
3	Kammasathi Divya Teja Sree	18A31A0107	Divya Teja
4	Lanka Jeevana Sruthi	18A31A0109	L. Jeevana Sruthi
5	Bangaru Sai Teja	18A31A0121	Sai Teja
6	Kalla Siva Sai	19A35A0108	Siva Sai
7	Inti Anjana Devi	18A31A0161	Inti Anjana Devi
8	Karumuri Durga Bhargavi	18A31A0162	K. Durga Bhargavi
9	Nallam Lavanya	18A31A0165	N. Lavanya
10	Vaddi Pradeep	18A31A0171	V. Pradeep
11	Barla Veera Mahalakshmi	19A35A0115	Mahalakshmi
12	Pemmadi Swapna	19A35A0116	P. Swapna
13	Boddu Tejesh	19A35A0117	Tejesh B.
14	Gokeda Bhavani Prasanna	17A31A0103	G.B. prasanna
15	Macha Haritha	17A31A0109	Haritha
16	Veronica Doddigarla	17A31A0119	Veronica
17	Basa Siva Ganesh	17A31A0123	B. S. Ganesh
18	Gadapa Suresh	17A31A0128	G. Suresh
19	Kandregula Sai Sumanth	17A31A0134	K. Sai Sumanth
20	Kolaganti Sriram	17A31A0136	K. Sriram
21	Kothapalli Siva	17A31A0137	Siva
22	Nethi Akarsh	17A31A0143	Akarsh
23	Bethina Sateesh	18A35A0103	B. Sateesh
24	Kattamuru Chandu	18A35A0112	K. Chandu

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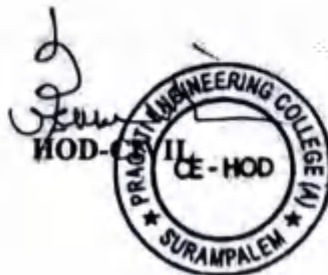
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25	Sheik Khaja Mehaboob Ali	18A35A0114	Manikanta
26	Namana Sai Naga Sindhusa	17A31A0167	Sindhusa
27	Sree Soumya Kothim	17A31A0172	Soumya
28	Gandham Swathi	18A35A0115	Swathi
29	Savaram Anil Kumar	18A35A0124	Anil
30	Vallu Sivanadh	18A35A0127	Sivanadh
31	Koduri Subhasri	16A31A0104	Subhasri
32	Ulagati Jabili Josh	16A31A0107	Joshi
33	Badam Manikanta	16A31A0114	Manikanta
34	Pentakota Sai Babu	16A31A0147	Sai Babu
35	Kante Sai	17A35A0105	K. Sai
36	Tirumani Sri Guru Charan	17A35A0115	Guru Charan
37	K Rashmitha	16A31A0162	Rashmitha
38	Yalla Rahul Raj	16A31A01B2	Rahul Raj
39	Kadali Manikanta	17A35A0123	Manikanta
40	Maji Karthik Surya	17A35A0126	Karthik
41	Samana Aravind	17A35A0130	Aravind

Co-Ordinator

Resource Person



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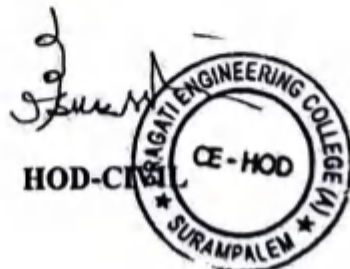
25	18A35A0114	44	43
26	17A31A0167	44	43
27	17A31A0172	44	44
28	18A35A0115	44	44
29	18A35A0124	44	44
30	18A35A0127	44	42
31	16A31A0104	44	41
32	16A31A0107	44	44
33	16A31A0114	44	44
34	16A31A0147	44	42
35	17A35A0105	44	43
36	17A35A0115	44	44
37	16A31A0162	44	42
38	16A31A01B2	44	44
39	17A35A0123	44	44
40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

M.

Co-Ordinator

U.S.

Resource Person



8/11

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Department of CIVIL Engineering

STUDENTS ENROLLED

S.No	Name of the Student	Roll Number	Signature
1	TELAGAMSETTI CHANDRIKA	18A31A0114	
2	ALLU SAI NAVEEN	18A31A0119	
3	DODDI SURENDRA RAJ	18A31A0126	
4	KUTAN KUMAR RAJA	18A31A0137	
5	CHALAMCHARLA AAKASH	19A35A0106	
6	NACHIREDDY SAI SANDEEP	19A35A0111	
7	THOTA MOHAN	19A35A0113	
8	PILLA VICTOR SPENNER	19A35A0128	
9	BONDA SRI SAI DIVYA	18A31A0154	
10	KARUMURI DURGA BHARGAVI	18A31A0162	
11	V LAKSHMI DURGA	18A31A0169	
12	B DILIP SAI BHAGAVAN	18A31A0176	
13	MALLI MANIDEEP	18A31A0184	
14	PENKEY SRI AASHISH	18A31A0194	
15	SYED GHOUSE	18A31A01A1	
16	BODDU TEJESH	19A35A0117	
17	VOOLURU MEGHASHYAM	19A35A0124	
18	SUTHAPALLI SIVAMANIKANTA	18A31A01A0	
19	DUGGADA YEMEEMA SWETHA	19A31A0104	

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20	MUSINADA AMRUTHA	19A31A0110	A. H.
21	PALIVELA VEERENDRA	20A35A0109	Veerendra
22	SHEIK CHAN DASHA	20A35A0112	Baker
23	NARALA SAI RAKESH	20A35A0116	V. S. P.
24	GUDIMETLA DAYANIDHI	21A31A0107	G. Dayanidhi
25	A. TEJASWINI NAGA SRI SAI	21A31A0101	Sri Sai
26	PRATHYUSHA PITHANI	21A31A0112	P.P.
27	CHITTURI S V V RAM KISHORE	21A31A0121	V. V. Ramkishore
28	GUBBALA JOHN MUKESH	21A31A0124	G. Johnmukesh
29	KUDIPUDI SETHA SAI KARTHIK	21A31A0128	K. Setha
30	MANOHAR REDDY SATHI	21A31A0135	M. Sathi
31	S. S. SREENIVASA NARENDRA	21A31A0141	Narendra
32	V. N. VENKATA KOTI DINESH	21A31A0143	V. N. Venkata
33	YELETI JAYAKANTH	21A31A0145	J. Jayakanth
34	MORTHASISH KUMAR	21A31A0147	M. Ashish
35	JALASUTRA CHANDU	21A31A0125	J. Chandu

Co-Ordinator

Resource Person



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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 19/08		Dt: 20/08		Dt: 21/08		Dt: 22/08		Dt: 23/08		Dt: 26/08		Dt: 27/08	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	A	A
18A31A0106	P	P	P	P	P	P	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	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	P	P
18A31A0161	P	P	P	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	P
19A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P	P	P	P	A	P	P	P	P	P	P	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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18A35A0103	P	P	P	P	A	A	P	P	P	P	P	P	P	P

[Signature]

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18A35A0112	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A35A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0167	P	P	P	P	P	A	P	P	P	P	P	P	P	P
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16A31A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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17A35A0126	P	P	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	A	A

M.

Co-Ordinator

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Resource Person

[Signature]
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[Signature]

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 28/08		Dt: 29/08		Dt: 30/08		Dt: 31/08		Dt: 03/09		Dt: 04/09		Dt: 05/09	
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0106	P	P	P	P	P	P	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	A	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	A	P	P	P	P	P	P	P	P	P	P
18A31A0161	P	P	P	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	P
19A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0123	P	P	P	P	A	P	P	P	P	P	P	P	P	P
17A31A0128	P	P	P	P	P	P	A	A	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0143	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0114	P	P	P	P	P	P	P	A	P	P	P	P	P	P
17A31A0167	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0172	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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18A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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16A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	P	P

M.

Co-Ordinator

Ch.

Resource Person



Pr.

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 6/9		Dt: 7/9		Dt: 9/9		Dt: 10/9		Dt: 11/9		Dt: 12/9		Dt: 13/9	
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
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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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18A31A0171	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0115	P	P	P	A	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	A	A	P	P	P	P	P	P	P	P
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	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0128	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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18A35A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P


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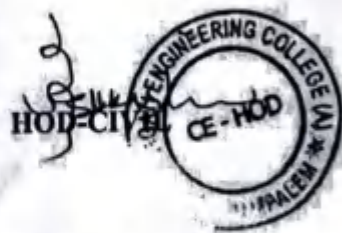
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16A31A01B2	P	P												
17A35A0123	P	P												
17A35A0126	P	P												
17A35A0130	P	P												

M.

Co-Ordinator

G.

Resource Person



R.

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 14/09	Dt:	Dt:	Dt:	Dt:	Dt:	Dt:
	43	44					
18A31A0101	A	P					
18A31A0106	P	P					
18A31A0107	P	P					
18A31A0109	P	P					
18A31A0121	P	P					
19A35A0108	P	P					
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18A31A0162	P	P					
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19A35A0116	P	P					
19A35A0117	P	P					
17A31A0103	P	P					
17A31A0109	P	P					
17A31A0119	P	P					
17A31A0123	P	P					
17A31A0128	P	P					
17A31A0134	P	P					
17A31A0136	P	P					
17A31A0137	P	P					
17A31A0143	P	P					
18A35A0103	P	P					

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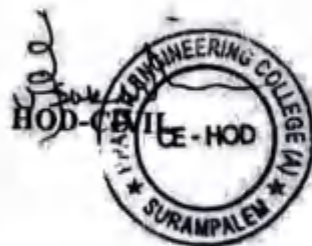
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17A31A0167	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0172	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0127	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0104	P	P	P	P	P	P	A	P	P	P	P	P	P	P
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16A31A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0147	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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17A35A0115	P	P	P	P	P	P	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	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	P	P
17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	P	P

M.

Co-Ordinator

G.

Resource Person



✗

S.

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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 : 4
2. Method of Delivery : 5
3. Related to Subject : 5
4. Is the topic useful for career : 4
5. Suggestion if any :

T. Sravya
Signature/ Name of the Student
(Optional)

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D No. 2-24-42, Ground Floor, Jammathosani Park Road, Bruguera, Kakinada - 3, Ph: 0884 - 2355900, Fax: 2355999

Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/2019.

DEPARTMENT : Civil

ACADEMIC YEAR : 2019-2020.

NAME OF THE SPEAKER : G.S.V. Bramajji 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 : 4
2. Method of Delivery : 4
3. Related to Subject : 5
4. Is the topic useful for career : 5
5. Suggestion if any :

B. Sateesh
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 in Civil Engineering

DATE/VENUE : 14/8/2019
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 : 5
2. Method of Delivery : 5
3. Related to Subject : 5
4. Is the topic useful for career : 4
5. Suggestion if any :

[Signature]

G.B. prasanna

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 : ~~Sri~~ 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 : 4
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
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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/19

DEPARTMENT : CIVIL
ACADEMIC YEAR : 2019-2020
NAME OF THE SPEAKER : P.S.V. BHAMAJJI 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 : 5
2. Method of Delivery : 5
3. Related to Subject : 5
4. Is the topic useful for career : 4
5. Suggestion if any :

P. S. V. Bhamaji Rao
Signature/Name of the Student
(Optional)

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SURAMPALEM, ANDHRA PRADESH**

**PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING**

This certificate is presented to:

KATTAMURU CHANDU

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

FACULTY INCHARGE

sri lakshmi

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*PRAGATI ENGINEERING
COLLEGE (AUTONOMOUS),
SURAMPALEM, ANDHRA PRADESH*

*PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING*

This certificate is presented to:

BETHINA SATEESH

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

FACULTY INCHARGE

sri lakshmi

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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:

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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
5. 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

[Signature]
CO-ordinator

[Signature]

[Signature]
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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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co-ordinator

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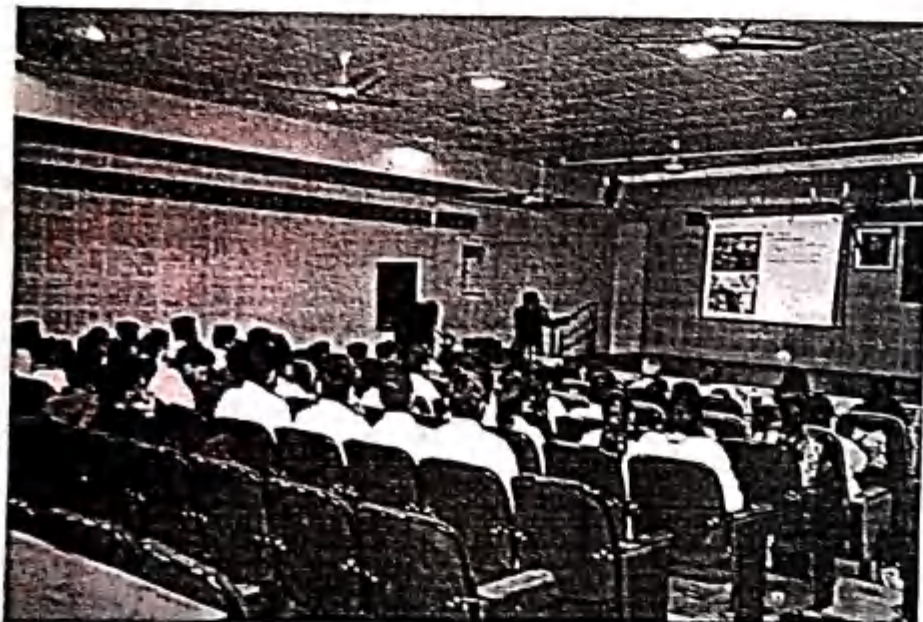
Resource Person Details

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

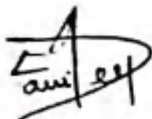
S.No	Name of the Student	Roll Number	Signature
1	Avala Yamini	18A31A0103	A Yamini
2	Chukka Umadevi	18A31A0105	Gr. Umadevi
3	Lanka Jeevana Sruthi	18A31A0109	Sruthi
4	Allu Sai Naveen	18A31A0119	Naveen
5	Donam Sridhar	18A31A0127	Sridhar D
6	Koduri Jaya Ram	18A31A0134	Jaya Ram
7	Vanga Taraka Rama Siva Sai	18A31A0149	V.T. S Sai
8	Kalla Siva Sai	19A35A0110	Kalla Siva
9	Thota Mohan	19A35A0113	Mohan
10	Kursala Keerthana	18A31A0163	Keerthana
11	Vaddi Pradeep	18A31A0171	Vaddi Pradeep
12	Chandaka Nani	19A35A0118	Nani
13	Vandrase Shyam	19A35A0121	Vandrase Shyam
14	Pemmadi Ramya	17A31A0114	Ramya
15	Addamki Sivaram	17A31A0121	A. Siva Ram
16	Kurma Sriram	17A31A0136	Sriram
17	Sampara Issac Chandan	17A31A0151	Issac
18	Kattamuru Chandu	18A35A0112	Chandu
19	Visanala Srilekha	17A31A0174	Srilekha
20	Chittiprolu Naga Ramesh	17A31A0181	Naga Ramesh
21	Gandham Swathi	18A35A0115	Swathi
22	Gurrula Sonali	18A35A0116	G. Sonali
23	Kunduru Sumanth	18A35A0121	K. Sumanth
24	Thirukoti Vikranth	18A35A0126	Vikranth

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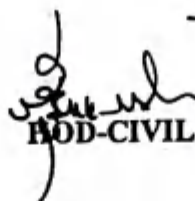
24	Thirukotti Vikranth	18A35A0126	
25	Done Abhilas	16A31A0119	
26	P. Surya Sai Chitti Manohar	16A31A0140	
27	Boola Keerthi	17A35A0101	
28	Boddeti Veera Nagendra	17A35A0104	
29	Kante Sai	17A35A0105	
30	Turakapudi Haritha	16A31A0170	
31	Chakka Neeraj Kumar	16A31A0173	
32	Earni Sessa Sai	16A31A0182	
33	Kuna Sai Swaroop	16A31A0189	
34	Kukkala Raju	17A35A0124	



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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

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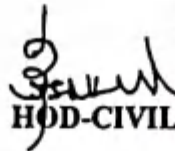
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26	16A31A0140	44	44
27	17A35A0101	44	43
28	17A35A0104	44	44
29	17A35A0105	44	42
30	16A31A0170	44	44
31	16A31A0173	44	44
32	16A31A0182	44	44
33	16A31A0189	44	43
34	17A35A0124	44	42



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Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 27-1-20		Dt: 28-1-20		Dt: 29-1-20		Dt: 30-1-20		Dt: 31-1-20		Dt: 1-2-20		Dt: 3-2-20	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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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	P
18A31A0119	P	P	P	P	P	P	P	P	P	P	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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Roll No.	Dt: 4-2-20		Dt: 5-2-20		Dt: 6-2-20		Dt: 7-2-20		Dt: 8-2-20		Dt: 10-2-20		Dt: 11-2-20	
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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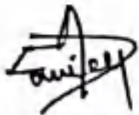
Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 12-7-20		Dt: 13-7-20		Dt: 14-7-20		Dt: 15-7-20		Dt: 17-7-20		Dt: 18-7-20		Dt: 19-7-20	
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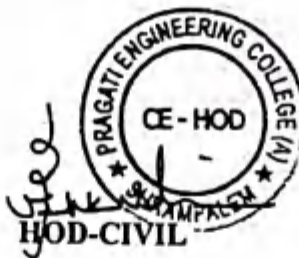
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17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	A	P



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D. No. P-24-4/2 Ground Floor, Jammathukuru Post Road, Surangam, Kakinada - 3, Ph. (0884) - 2355800 Fax: 2363800

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 20-2-20	Dt:	Dt:	Dt:	Dt:	Dt:	Dt:
	43	44					
18A31A0103	P	P					
18A31A0105	P	P					
18A31A0109	P	P					
18A31A0119	P	P					
18A31A0127	P	P					
18A31A0134	P	P					
18A31A0149	P	P					
19A35A0110	P	P					
19A35A0113	P	P					
18A31A0163	A	P					
18A31A0171	P	P					
19A35A0118	P	P					
19A35A0121	P	P					
17A31A0114	P	P					
17A31A0121	P	P					
17A31A0136	P	P					
17A31A0151	P	P					
18A35A0112	P	P					
17A31A0174	P	P					
17A31A0181	P	P					
18A35A0115	A	P					
18A35A0116	A	A					

[Signature]

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18A35A0121	P	P																	
18A35A0126	P	P																	
16A31A0119	P	P																	
16A31A0140	P	P																	
17A35A0101	P	P																	
17A35A0104	P	P																	
17A35A0105	P	P																	
16A31A0170	P	P																	
16A31A0173	P	P																	
16A31A0182	P	P																	
16A31A0189	A	P																	
17A35A0124	A	P																	

Sanjay

Co-Ordinator

R

Resource Person

g

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CE-HOD
SURAMPALEM

HOD-CIVIL

h

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D No. 2-24-4/2, Ground Floor, Jammathnand Park Road, Brinagar, Kakinada - 3. Ph: 0884 - 2355600, Fax: 7363900

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering
ACADEMIC YEAR : 2019 - 2020
NAME OF THE SPEAKER : A. Raviteja
TITLE OF TRAINING PROGRAM : Introduction to environmental Geomechanics
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 : —

HS

Signature/ Name of the Student
(Optional)

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(1) No. 2-24-4/2 (Ground Floor) Jammaladuram Park Road, Surampalem, Kakinada - 5 Ph: 0884 - 255560/1, Fax: 254500

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering
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

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)

[Signature]

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D No. 2-24-4/2, Ground Floor, Janmathnami Park Road, Suravagar, Kakinada - 3. Ph: 0884 - 2344600, Fax: 2361900

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering
ACADEMIC YEAR : 2019-2020
NAME OF THE SPEAKER : A. Ravindra
TITLE OF TRAINING PROGRAM : Introduction to Environmental Geomechanics.
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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Ph: 0882 - 282233, 282234, 282235, Fax: 282232, Website: www.pragati.ac.in
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D.No. 2-24-4/2, Ground Floor, Jammathuram Park Road, Srinagar Mahabubnagar - 3, Ph: 0884 - 2355800, Fax: 2347900

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

1. Usefulness of topic : 5
2. Method of Delivery : 5
3. Related to Subject : 4
4. Is the topic useful for career : 4
5. Suggestion if any : -

Udaya Indup
Signature/Name of the Student
(Optional)

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D No. 2-24-4/2, Ground Floor, Jammabhooni Park Road Srinagar, Kakinada - 3, Ph: 0884 - 2355400, Fax: 2363900

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/2/2020

DEPARTMENT

: Civil

ACADEMIC YEAR

: 2019-20

NAME OF THE SPEAKER

: A-Raviteja

TITLE OF TRAINING PROGRAM

: 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

: 5

2. Method of Delivery

: 4

3. Related to Subject

: 4

4. Is the topic useful for career

: 4

5. Suggestion if any

: Good session

Signature/ Name of the Student
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*PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING*

This certificate is presented to:

KUKKALA RAJU

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

FACULTY INCHARGE

manideep

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DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

KUNA SAI SWAROOP

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

FACULTY INCHARGE

manideep

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FOUR-WEEK VALUE ADDED
PROGRAM

ON
MATLAB & SIMULINK FOR
ELECTRICAL ENGINEERS

(November 15th 2019 to March 14th 2020)

PRAGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile
Number:

E-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]

ORGANISING COMMITTEE

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Dr. 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: 995316794

E-mail: hodcee@pragati.ac.in

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FOUR-WEEK VALUE ADDED
PROGRAM

ON

MATLAB & SIMULINK FOR
ELECTRICAL ENGINEERS

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



Principal

PRAGATI ENGINEERING COLLEGE
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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 Surantpalem, 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 linked technical institutions-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. 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 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.

Resource Person

Dr. G. Naresh
Professor, EEE,
Pragati Engineering College

Program Objectives

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

Topics Covered

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

Program Outcomes

- 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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Ph: 08832 757713, 14 Website: www.pragati.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

HOD -EEE



Copy to:

1. Principal Office
2. All Dept HOD's
3. Dept Notice Board

9

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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
12.	Friday	27/12/2019	Excercises
13.	Saturday	28/12/2019	Control flow and operations
14.	Friday	03/01/2020	Relational and logical operators
15.	Saturday	04/01/2020	Operator precedence
16.	Friday	31/01/2020	Saving output to a file
17.	Saturday	01/02/2020	Excercises
18.	Friday	07/02/2020	Debugging M files
19.	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


Program Coordinator

9


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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERESTED 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	Kakarlupudi 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	S. Priyanka
6	17A31A0215	Sorapalli Naga Sri Hari Priya	S. Priya
7	17A31A0216	Sula Sita Maha Lakshmi	S. Lakshmi
8	17A31A0217	Utukuri Mounika	U. Mounika
9	17A31A0218	Vakkalanka Srisurya Venkata Phanisahitya	V. Phanisahitya
10	17A31A0219	Vanaparthy Pratyusha	V. Pratyusha
11	17A31A0220	Vennapu Satyavathi	V. Satyavathi
12	17A31A0225	Cheekatla Sai Manikumar	C. Manikumar
13	17A31A0226	Cheerla Sai Sandeep	C. Sandeep
14	17A31A0227	Chundru Venkata Srinivas	C. Srinivas
15	17A31A0234	Kanthamreddy Uma Sai	K. Uma Sai
16	17A31A0235	Konala Raja	K. Raja
17	17A31A0236	Lakkavarapu Lokabhiram	L. Lokabhiram
18	18A35A0204	Bonthu Pradeep Kumar	B. Pradeep
19	18A35A0205	Chitikela Venkata Durga Krishna Vamsi	C. Vamsi
20	18A35A0207	Kasi Rama Krishna	K. Krishna
21	18A35A0208	Komarada Sai Manikanta	K. Manikanta

III YEAR - B SECTION

22	17A31A0262	Garapati Lakshmi Samyuktha	G. Samyuktha
23	17A31A0263	Kandavalli Rishitha	K. Rishitha
24	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	M. Pratyusha
25	17A31A0265	Mudududdi Yamini Satya Sri	M. Yamini
26	17A31A0266	Nelapudi Mounika Sri	N. Mounika
27	17A31A0271	Rampa Shalini	R. Shalini
28	17A31A0272	Shaik Khamur Unnisa	S. Unnisa
29	17A31A0273	Susarla Padma Manaswini	S. Manaswini

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

Add on course Coordinator

HOD-EEE

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PRAGATI ENGINEERING COLLEGE (A), SURAMPalem

ACADEMIC YEAR: 2019-2020 / II SEMESTER

DEPT. OF ELECTRICAL & ELECTRONIC ENGINEERING

ADD ON COURSE ON MATLAB and Simulink for Electrical Engineers

III- YEAR - A & B SECTION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Sl.No	Roll No.	Student Name	28/11/19	5/12/19	12/12/19	19/12/19	26/12/19	2/1/20	9/1/20	16/1/20	23/1/20	30/1/20	6/2/20	13/2/20	20/2/20	27/2/20	6/3/20	13/3/20	20/3/20	27/3/20	3/4/20	10/4/20	17/4/20	24/4/20	1/5/20	8/5/20	15/5/20	22/5/20	29/5/20	5/6/20
1	17A31A0204	Kakamapudi Srividya	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	P	P
2	17A31A0205	Kanupudi Srinitha	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	P	P
3	17A31A0206	Kubkala Ramya	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	P	P
4	17A31A0213	Poddinti V L Sri Srathi	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	P	P
5	17A31A0214	Sathi Keerthi Priyanka	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	P	P
6	17A31A0215	Sorapalli Naga Sri Hari Prava	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	P	P
7	17A31A0216	Sule Sita Math Lakshmi	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	P	P
8	17A31A0217	Urukuri Mounika	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	P	P
9	17A31A0218	Vakkalanka Srisurya Venkata Phani Sahitya	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	P	P
10	17A31A0219	Vanaparthy Pratyusha	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	P	P
11	17A31A0220	Vennapa Satya Vidhi	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	P	P
12	17A31A0225	Cheekatla Sai Manikumar	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	P	P
13	17A31A0226	Cheerla Sai Sandeep	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	P	P
14	17A31A0227	Chundru Venkata Sriniksha	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	P	P
15	17A31A0234	Kanthamreddy Uma Sai	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	P	P
16	17A31A0235	Konala Raja	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	P	P
17	17A31A0236	Lakkavareddy Lokeshwaram	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	P	P
18	18A35A0204	Bonimuri Pradeep Kumar	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	P	P
19	18A35A0205	Chitkala Venkata Durga Krishna Varma	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	P	P
20	18A35A0207	Kasi Rama Krishna	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	P	P
21	18A35A0208	Komareddy Sai Manikanta	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	P	P
22	17A31A0262	Gangoli Lakshmi Samyuktha	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	P	P
23	17A31A0263	Kandavalli Rajitha	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	P	P
24	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	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	P	P
25	17A31A0265	Mirdududi Yamini Sarpa	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	P	P

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IIE YEAR - A & B SECTION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	Roll No.	Student Name																											
	17A31A0266	Nelapudi Moumika Sri																											
27	17A31A0271	Rampi Shalini																											
28	17A31A0272	Shaik Khamur Unnisa																											
29	17A31A0273	Susarla Padma Manaswini																											
30	17A31A0274	Tushara Mentrupragada																											
31	17A31A0275	Vodugu Manaswi																											
32	17A31A0276	Yalla Sai Ram Akhila																											
33	17A31A0282	Damodhara Naveen																											
34	17A31A0283	Gosala Vijay Kumar																											
35	17A31A0284	Gode Sai Krishna																											
36	17A31A0285	Guntuku Gopi Sri Sai Sidhardha																											
37	17A31A0286	Juga Veera Sri Nandla																											
38	17A31A0287	Kakani Sathya Prasad																											
39	18A35A0218	Chidhina Gowrinath																											
40	18A35A0219	Kalla Sunil																											
41	18A35A0220	Katta Manoj Kumar																											
42	18A35A0221	Namballe Tarun Kumar																											
43	18A35A0222	Nimmalapudi Jagadish Sai Kumar																											
44	18A35A0223	Nurukurthi Rajesh																											
45	18A35A0224	Rachapalli Adarsh																											

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

Feedback form

Date: 14 / 3 / 2020

Department : Electrical & Electronics Engineering
Academic Year : 2019-20
Name of the Speaker : Dr. G. Narush
Title of the Program : MATLAB & Simulink for Electrical Engineering

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.

9

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



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Ph. 08852 - 252233, 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. Naveesh
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 : 5
2. Method of Delivery : 5
3. Related to Subject : 4
4. Is the Topic useful for career : Yes/No
5. Suggestions if any : Good Program

h
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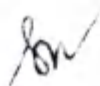
Date: 17/03/2020

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 : 45


Program Coordinator

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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. Harish Kumar 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

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Near Pudukottai, E.D. - 613 51



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. Chaitanya Reddy 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

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PRAGATI ENGINEERING COLLEGE
A FOUR-WEEK VALUE ADDED
PROGRAM
ON
INTRODUCTION TO MATLAB
FOR ENGINEERING STUDENTS

(June 21st to October 5th 2019)

PRAGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile
Number:

E-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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Chief Patron
Dr. P. Krishna Rao
Chairman

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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: 95316794
E-mail: hodeee@pragati.ac.in

PRAGATI ENGINEERING COLLEGE

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ADB Road, Surampalem, E. G. District, A.P. - 533437
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Kakinada & Accredited by NAAC with 'A' grade)



A FOUR-WEEK VALUE ADDED
PROGRAM

ON
INTRODUCTION TO MATLAB
FOR ENGINEERING STUDENTS
(June 21st to October 5th 2019)



Organized by **PRINCIPAL**
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-775, ADB ROAD, SURAMPALAM
E. G. DISTRICT, KAKINADA - 533437

ABOUT THE COLLEGE

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 linked technical institutions-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.

Research Fellow

Dr. H. Subash Kumar

Professor, EEE

Pragati Engineering College

Program Objectives

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

Topics 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



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Recognized by: U.G. Under Sections 10 and 17 (B) of U.G.C. Act 1956.
Ph. 08857 252433-34 Website: www.pragati.ac.in

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:

1. Principal Office
2. All Dept HOD's
3. Dept Notice Board



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Approved by Government of Andhra Pradesh

Approved by AICTE, Government of India, New Delhi. Located in a notified area under the provisions of the Andhra Pradesh Education Act, 1961 and the Andhra Pradesh Education (Amendment) Act, 1985.

Ph. 086-27-334444 Fax. 086-27-334444

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	Exercises
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	Exercises
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	Exercises
18.	Saturday	31/08/2019	Debugging M files
19.	Friday	06/09/2019	Debugging Process
20.	Saturday	07/09/2019	Preparing for debugging
21.	Friday	13/09/2019	Setting breakpoints
22.	Saturday	14/09/2019	Running with breakpoints

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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


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Fax: (08852) 252712

W: www.pragati.ac.in

City Office: D.No. 2/24-4/2, Ground Floor, Jannabhooni 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

III YEAR - A SECTION

S.No.	Roll No.	Student Name	Signature
1	17A31A0201	Boddeti Priyanka	B. Priyanka
2	17A31A0202	Immandi Sindhu	I. Sindhu
3	17A31A0203	Jyothula Rama Lakshmi	J. R. Lakshmi
4	17A31A0207	Magapu Vidya	M. Vidya
5	17A31A0208	Mavireddy Vijaya Lakshmi	M. vijaya lakshmi
6	17A31A0210	Moparthy Sruti	M. Sruti
7	17A31A0211	Mutya Sai Srikari	M. Sai Srikari
8	17A31A0212	Nallamilli Sushmareddy	N. Sushmareddy
9	17A31A0224	Burra Surya Sai Raja	B. Surya Sai Raja
10	17A31A0233	K Kanishka Chowdary	K. Kanishka Chowdary
11	17A31A0238	Mallireddy Sai Surya Sankar Sandeep	M.S.S.S. Sandeep
12	17A31A0239	Manukonda Govardhan Reddy	M.G. Reddy
13	17A31A0246	Sanipilli Sai Satish	S. S. Satish
14	17A31A0251	Tummalapalli Kiran Teja	T. Kiran Teja
15	17A31A0252	Vadakattu Sai Nandan Varshith	V. S. N. Varshith
16	17A31A0258	Yedidhi Srinivas Manohar	Y. S. Manohar
17	18A35A0201	Chekuri Dharani Chowdary	C. D. Chowdary
18	18A35A0202	Gandharapu Vishali	G. Vishali
19	18A35A0210	Kurapati Sai Karthik	K. Sai Karthik
20	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	P. S. R. S. Hanvesh

III YEAR - B SECTION

21	17A31A0259	Balireddy Kalyani	B. Kalyani
22	17A31A0260	Bethina Vaishnavi Devi	B. Vaishnavi Devi
23	17A31A0261	Boddapati Lakshmi Tanmai	B. Lakshmi Tanmai
24	17A31A0267	Paruchuri Yoga Bhavishya	P. Yoga Bhavishya
25	17A31A0268	Pasupuleti Venkata Sai Nikitha	P. V. Sai Nikitha
26	17A31A0269	Perla Amulya	Perla Amulya
27	17A31A0270	Peta Sai Venkata Lakshmi Suneetha	P. S. V. L. Suneetha
28	17A31A0278	Ayithireddy Bilva Naga Vecra Vara Prasad	A. B. N. V. V. Prasad
29	17A31A0279	Boddu Pavan Teja	B. Pavan Teja

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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. Sriram Datta
32	17A31A0294	Kutha Vishal Reddy	K. Vishal Reddy
33	17A31A0295	Lagudu Mani Kumar	L. Mani Kumar
34	17A31A02A5	Prodduturi Raghavendra	P. Raghavendra
35	17A31A02B0	Sesetti Mehar Aditya	S. M. Aditya
36	17A31A02B8	Vikash Choudhary	V. Choudhary
37	18A35A0214	Maganti Padma Sai Bhavani	M. P. S. Bhavani
38	18A35A0215	Tatipudi Naga Sai Amrutha	T. N. S. Amrutha
39	18A35A0217	Vuyyurie Chiranjeevi	V. Chiranjeevi
40	18A35A0225	Sarakanam Trinadh	S. Trinadh

Add on course Coordinator

HOD EEE

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PRAGATI ENGINEERING 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	16	17	18	19	20	21	22	23	24	25	26	27	28
S.No.	Roll No.	Student Name																											
1	17A31A0201	Boddeti Priyanka																											
2	17A31A0202	Immandi Sindhu																											
3	17A31A0203	Iyothula Rama Lakshmi																											
4	17A31A0204	Magapu Vidya																											
5	17A31A0205	Mallireddy Vijaya Lakshmi																											
6	17A31A0210	Moparthi Sruti																											
7	17A31A0211	Munya Sai Srikanth																											
8	17A31A0212	Nallamilli Sushmarreddy																											
9	17A31A0214	Buma Surya Sai Raja																											
10	17A31A0215	K. Kanishka Chowdary																											
11	17A31A0218	Mallireddy Sai Surya Sankar Sarodeep																											
12	17A31A0219	Manukonda Govardhan Reddy																											
13	17A31A0246	Sanipilli Sai Satish																											
14	17A31A0251	Tummalapalli Kiran Teja																											
15	17A31A0252	Vedakattu Sai Nandan Varshith																											
16	17A31A0258	Yedidi Srinuvas Manihar																											
17	18A35A0201	Chakuri Dharani Chowdary																											
18	18A35A0202	Gandharapu Vishali																											
19	18A35A0210	Kurapati Sai Karthik																											
20	18A35A0212	Pinapothu Sri Rama Sai Hanvesh																											
21	17A31A0259	Bilireddy Kalyani																											
22	17A31A0260	Bethina Vaishnavi Devi																											
23	17A31A0261	Boddepati Lakshmi Tanimal																											
24	17A31A0267	Paruchuri Yoga Bhavishya																											
25	17A31A0268	Pasupuleti Venkata Sai Nikitha																											

III YEAR - A & B SECTION

S.No.	Roll No.	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
26	17A31A0269	Perla Amulya	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	P	P
27	17A31A0270	Peta Sai Venkata Lakshmi Suneetha	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	P	P
28	17A31A0278	Ayithireddy Bilva Naga Veena Vara Prasad	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	P	P
29	17A31A0279	Boddu Pavan Teja	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	P	P
30	17A31A0288	Kam Anil Reddy	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	P	P
31	17A31A0289	Kommu Sriram Datta	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	P	P
32	17A31A0294	Kutha Vishal Reddy	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	P	P
33	17A31A0295	Lagudu Mani Kumar	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	P	P
34	17A31A02A5	Prodduturi Raghavendra	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	P	P
35	17A31A02B0	Sesetti Mehar Aditya	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	P	P
36	17A31A02B8	Vikash Choudhary	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	P	P
37	18A35A0214	Maganti Padma Sai Bhavani	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	P	P
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	P	P	P	P	P	P
39	18A35A0217	Vuyyuri Chiranjeevi	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	P	P
40	18A35A0225	Sarakanam Trinadh	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	P	P

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Ph: 08852 - 252211, 34 Website: www.pragati.ac.in

Feedback form

Date: 5/10/2019

Department : EEE
Academic Year : 2019-20
Name of the Speaker : R. Sathish Kumar
Title of the Program : Introduction to MATLAB for Engineering Student
Duration : 2/10/2019 to 5/10/2019

Please evaluate on a scale of 5 ;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic : 4
2. Method of Delivery : 5
3. Related to Subject : 4
4. Is the Topic useful for career : Yes/No
5. Suggestions if any :

9

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Ph: 08832 - 252233, 34. Website: www.pragati.ac.in

Feedback form

Date: 5/10/2019

Department : EEE
Academic Year : 2019-20
Name of the Speaker : R. Satish Kumar
Title of the Program : Introduction to MATLAB for Engineering student
Duration : 2/6/2019 to 5/10/2019
Please evaluate on a scale of 5 ;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic : 4
2. Method of Delivery : 5
3. Related to Subject : 4 ✓
4. Is the Topic useful for career : Yes/No
5. Suggestions if any :

9


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Ph: 08553-333333 Website: www.pragati.ac.in

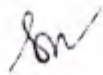
Date: 08/10/2019


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.

No of the Participants : 40


Program Coordinator


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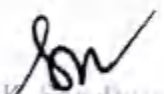


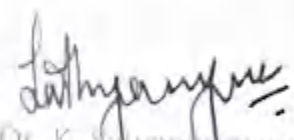
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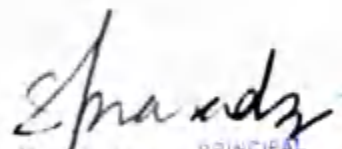
DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

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


Mrs. K. Sandhya Rani
Coordinator


Dr. K. Srinivasulu Reddy
HoD - EEE


Dr. N. Shashikumar
Principal
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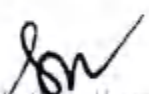


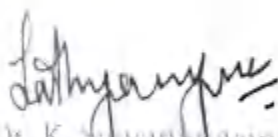
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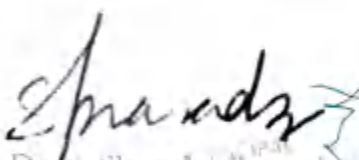
DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

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

This is to certify that Mr./Ms. Immandi Sindhu 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


Mrs. K. Sandhya Rani
Coordinator


Dr. K. Jayaramayya
HoD - EEE


Dr. N. Shanthi Prasad
Principal



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Ph: 08852 255500-04 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

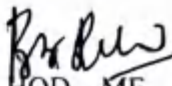
Date: 9-7-2019

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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Ph: 08857 252233, 34 Website: www.pragati.ac.in

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-1

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)

8
Co-ordinator

W

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

Ph: 08852 247233-34 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 create a component for required drawing, Simulate the prepared part programme using available simulation software's. And Prepare the parts on CNC.

CO-ordinator

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 Affiliated to JNTU, K. J. Somaiya Institute of Technology, Mumbai.
 Approved by the Government of Andhra Pradesh, Hyderabad.
 Approved by the Government of Andhra Pradesh, Hyderabad.

STUDENTS ENROLLED

S.NO	REG. NO	NAME	SIGNATURE
1	16A31A0311	Anil Bokla	Anil
2	16A31A0320	Sataramreddy Jeyu	S. Sataramreddy
3	16A31A0322	Kamesh Juvvala	Kamesh
4	16A31A0325	Vamsikrishnareddy Katti	V. Vamsi
5	16A31A0323	Rohitravikiran Kindupudi	R. Rohitravikiran
6	16A31A0337	Nikhil Lummala	Nikhil
7	16A31A0349	Mukeshkumar Vallu	V. Mukesh Kumar
8	16A31A0352	Gowrav Venkatesh Vasamsetty	Gowrav
9	16A31A0353	Jswar sai kumar Veti	V. Jswar
10	17A35A0303	Vinod Bora	Vinod
11	16A31A0361	Sai vamsi Adatrao	Sai Vamsi
12	16A31A0364	Ashish Kumar	Ashish
13	16A31A0373	Vaswanth krishnan yadav Gundumenu	Vaswanth Krishnan G.
14	16A31A0375	Krishnam raju Kallepalli	Krishnam
15	16A31A0386	M saipavan Medisetty	M. Sai Pavan
16	16A31A0390	Rohit Nagabathula	Rohit
17	16A31A0392	Satish kumar Narala	S. Satish
18	16A31A0394	Rakesh navyanth Patchipalla	P. Rakesh
19	16A31A0395	Teja satya sai Padam	Satyasai
20	16A31A0398	Pavan kumar Paramsetti	P. Pavan Kumar
21	16A31A03A3	Manikya swamy naidu Sana	S. M. Swamy
22	16A31A03B0	Kameswara rao Talluri	Kameswara
23	16A31A03B3	Sri krishna Vadlamudi	S. Sri Krishna
24	16A31A03B4	Rama rao Yalla	R. Rama Rao
25	17A35A0322	Jagadeesh Karri	J. Jagadeesh
26	17A35A0323	Raju Kella	R. Raju
27	16A31A03C2	Bala krishna Chakka	Chakka Bab Krishna
28	16A31A03C7	Damodar Dasi	D. Damodar
29	16A31A03D3	Amarnadh Garaga	A. Amarnadh
30	16A31A03F4	Kushal sai akhil Mamidisetty	M. Kushal
31	16A31A03F6	Sai teja Muthika	M. Sai teja
32	16A31A03F9	Venkatesh Nallamilli	V. Venkatesh
33	16A31A03G1	Yaswanth Palanki	Yaswanth
34	16A31A03G7	Rahul shanker Todupunoori	T. Rahul Shanker
35	16A31A03H1	Vikash Vundru	V. Vikash
36	16A31A03H2	Sashank kumar raju Vysyaraju	Sashank
37	16A31A03H4	Surya venkata pangadhar Adapa	A. Surya
38	16A31A03H6	Sarath venkat sai Anisetty	A. Sarath
39	16A31A03H9	Sudheer Badda	Sudheer
40	16A31A03J2	John Davidson Bonika	J. Davidson
41	16A31A03J4	Dr Sandeep Kumar Divuluri	S. Sandeep
42	16A31A03J6	Gokesh Kari	G. Gokesh

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43	16A31A03K8	Vamsi Munasa	Vamsi
44	16A31A03L2	Charan teja Palati	P. Charanteja
45	16A31A03L4	Govind raju Presingi	Govind
46	16A31A03L8	Siva shanmuk varma Saripalli	S. Siva Shanmukh
47	16A31A03M3	Sai rama karthik Sumanam	Saishama
48	16A31A03M4	Dharma Endru	Dhama
49	16A31A03M6	Abhinay sri ananth Vasanthavada	V. Abhinay
50	17A35A0346	Victor Barre	Victor
51	17A35A0347	Veera venkata bhavannarayana Birre	B. Bhavannarayana
52	17A35A0348	Nagarjuna konadalarao Doddipatla	Nagarjuna
53	17A35A0349	Suneeth Injeti Injeti	I. Suneeth
54	17A35A0350	Akhil Janga	A. Akhil
55	17A35A0351	Kalyan sai charan Kalapu	Kalyan
56	17A35A0356	Dhanunjaya Pecheetti	P. Dhanunjaya
57	17A35A0359	Venkata rajesh Yeepeu	Rajesh


Coordinator





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Recognized by the Government of Andhra Pradesh and UGC, New Delhi.

The college is situated in the heart of the city of Hyderabad.

STUDENTS ATTENDED

S NO	ROLL NO	16/7	17/7	18/7	23/7	24/7
1	16A31A0311	P	A	A	P	P
2	16A31A0320	P	A	P	A	P
3	16A31A0322	A	P	P	P	P
4	16A31A0328	P	P	P	P	P
5	16A31A0333	P	P	A	P	P
6	16A31A0337	P	A	P	P	P
7	16A31A0349	A	P	P	P	P
8	16A31A0352	A	P	P	P	P
9	16A31A0353	P	P	P	P	P
10	17A35A0303	P	A	P	P	P
11	16A31A0361	P	P	P	P	P
12	16A31A0364	P	A	P	P	P
13	16A31A0373	P	P	P	P	P
14	16A31A0375	A	P	P	P	P
15	16A31A0386	A	P	A	P	P
16	16A31A0390	P	A	P	P	P
17	16A31A0392	P	A	P	P	P
18	16A31A0394	P	A	P	P	P
19	16A31A0395	P	A	P	P	P
20	16A31A0398	P	A	P	P	P
21	16A31A03A5	P	A	P	P	P
22	16A31A03B0	P	A	A	P	P
23	16A31A03B3	P	A	A	P	P
24	16A31A03B4	A	A	P	P	P
25	17A35A0322	A	A	P	P	P
26	17A35A0323	A	A	P	P	P
27	16A31A03C2	P	A	P	P	P
28	16A31A03C7	P	P	P	P	P
29	16A31A03D3	P	A	P	P	P
30	16A31A03F4	P	P	P	P	P
31	16A31A03F6	P	A	P	P	P
32	16A31A03F9	P	P	P	P	P
33	16A31A03G1	P	A	P	A	P
34	16A31A03G7	P	P	P	P	P
35	16A31A03H1	P	P	P	A	P
36	16A31A03H2	A	P	P	P	P
37	16A31A03H4	P	P	P	P	P
38	16A31A03H6	P	P	P	A	P
39	16A31A03H9	P	A	P	P	P
40	16A31A03J2	P	P	P	P	P
41	16A31A03J9	A	P	P	P	P
42	16A31A03J7	A	P	P	P	P
43	16A31A03J8	P	A	P	P	P

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

44	16A31A031.2	P	A	A	P	P			
45	16A31A031.4	A	P	A	P	P			
46	16A31A031.8	P	P	P	P	P			
47	16A31A03M3	P	P	P	P	P			
48	16A31A03M4	P	P	P	P	P			
49	16A31A03M6	P	P	P	A	P			
50	17A35A0346	P	A	P	P	P			
51	17A35A0347	P	P	P	A	P			
52	17A35A0348	P	A	P	P	P			
53	17A35A0349	P	P	P	P	A			
54	17A35A0350	P	A	P	P	P			
55	17A35A0351	P	P	P	A	P			
56	17A35A0356	P	A	P	P	P			
57	17A35A0359	P	P	P	A	P			

Co-ordinator

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Ph: 088-252233-34 Website: www.pragati.ac.in

Report On Foundation to CNC Workshop

Date: 24-7-2019

Resource person details

NAME: A. BACHU

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

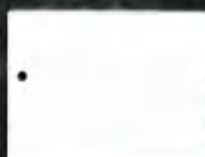
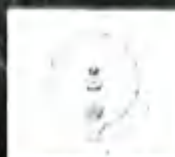
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Near Peddapuram, E.G.Dt. (AP)-533 437

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Certificate of Completion

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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

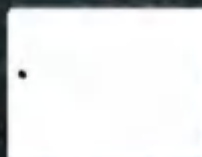
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Bearing number **APSSDC/Siemens/M/22281** has successfully

completed **CNC TURNING FOUNDATION** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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

Ph: 08847 232233, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

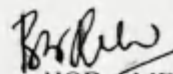
Date: 16-9-2019

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

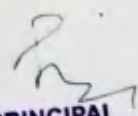
Date: 23-9-2019


HOD - ME

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Principal for information.




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(Recognized by U.G. Under Sections 10(i) and 12(B) of U.A. Act, 1946)

Ph: 08872-243233, 34 Website: www.pragati.ac.in

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-1

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)

W

Co-ordinator

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(Recognized by U.G. Under Sections 2(f) and 12(B) of U.G. Act, 1956)

Ph: 08852 252243, 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 create a component for required drawing, Simulate the prepared part programme using available simulation software's. And Prepare the parts on CNC.

W

Co-ordinator

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



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Recognized by UGC, Government of India, New Delhi

Established by Pragati Engineering Society and is a 100% Private

Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0306	Aditya Bhamidipati	Aditya Bhamidipati
2	16A31A0310	Raju Chodipilli	Raju
3	16A31A0323	Solomon rithish Kondipudi	Rithish
4	16A31A0325	Surva Kadali	Surva
5	16A31A0357	Govind Yelamanchili	Govind
6	16A31A0383	Avinash Lanka	Avinash Lanka
7	16A31A0388	Sri krishna sai Morikurthi	Sai
8	16A31A0391	Krishna vamsi Namala	Krishna Vamsi N
9	16A31A0396	Hari hara manideep chandra Palaparthi	Chandra
10	16A31A03A6	Aravind siddhardha Sarabada	Aravind siddharth
11	16A31A03A7	Ijaz ahamed Shaik	Ishaik
12	17A35A0319	Devi vinayakudu Ethakota	Devi
13	16A31A03C1	Rajesh Chavakula	Rajesh
14	16A31A03D0	Vinay sai Gangabattula	Vinay Sai
15	16A31A03D1	Ajaykumar Gangula	Ajay
16	16A31A03D3	Amarnadh Garaga	Amarnadh
17	16A31A03E1	Abhishek chandra Kaja	G. Amarnadh
18	16A31A03E4	Sri datta kumar Katta	Kumar
19	16A31A03E6	Anand ganga durga surya prasad Kolla	Prasad
20	16A31A03E8	Udaya srinivas Konkupudi	Srinivas
21	16A31A03F2	Prasadnaidu Mukka	Prasad M
22	16A31A03H6	Sarath venkat sai Anisetty	Sarath
23	16A31A03H7	Durga sai trinath Atti	Trinath
24	16A31A03I0	Venkata sai ram vikas Bandaru	Vikas
25	16A31A03I6	Siva satish Dadi	Siva
26	16A31A03I8	Vijay sankar Dasam	Sankar
27	16A31A03J2	Vasu Gowtu	Vasu
28	16A31A03J3	Brahmeswara rao Jami	J. Brahmeswara Rao
29	16A31A03K9	Madhu s surya ganga pavan kumar Nandikolla	
30	17A35A0358	Stacy Varigeti	Stacy. ✓

Co-ordinator

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Recognized by UGC Under Section 2(F) and 12(B) of U.A. Act 1956

Ph. 0844 - 232213-14 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	23/9	24/9	25/9	30/9	V/10
1	16A31A0306	P	P	P	P	P
2	16A31A0310	P	P	P	P	P
3	16A31A0323	P	P	P	P	P
4	16A31A0325	P	A	P	P	P
5	16A31A0357	P	P	P	P	P
6	16A31A0383	P	P	P	P	P
7	16A31A0388	P	P	P	P	P
8	16A31A0391	P	P	A	P	P
9	16A31A0396	P	P	P	P	P
10	16A31A03A6	P	P	P	P	P
11	16A31A03A7	P	P	P	P	P
12	17A35A0319	P	P	P	A	P
13	16A31A03C1	P	P	P	P	P
14	16A31A03D0	P	P	P	P	P
15	16A31A03D1	P	P	P	P	P
16	16A31A03D3	A	P	P	P	P
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	P	P	P	P	P
24	16A31A03I0	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
28	16A31A03J3	P	P	P	P	P
29	16A31A03K9	P	P	P	P	P
30	17A35A0358	P	P	P	P	P

Co-ordinator

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(Recognized by U.G. Under Sections 5(f) and 12(b) of U.G. Act, 1956)

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

Report On Foundation to CNC Workshop

Date: 2-10-2019

Resource person details

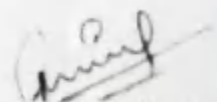
NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 23-9-2019 to 1-10-2019 in 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



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Ph: 08852-252211 Website: www.pragati.ac.in

APSSDC CNC LAB – FEEDBACK

Date: 1-10-2019

DEPARTMENT : 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

1 Usefulness of Topic: 5

2 Method of Delivery: 4

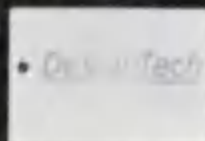
3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO ✓

5 Suggestions if any: —

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.....

Conducted at

Pragati Engineering College
.....

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

Siemens Industry Software India Pvt. Ltd

APSSDC

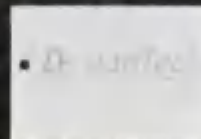
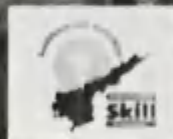
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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 19-7-2019

CIRCULAR

It is to inform all the students of B.Tech IV year 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. MSUNIL RAO 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


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Approved by AICTE, Perambalur, affiliated to JNTU K. J. Somaiya, Accredited by N.A.A.C. (A Grade)

(Recognized by U.C. under Sections 7(1) and 17(1) of U.E.C. Act 1956)

Ph: 086-25321144 Web: www.pragati.ac.in

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-1

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)

Co-ordinator

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(continued)

ADRIAN W. S. *Journal of Management Studies* 2001, 38, 1031-1042

Approved by AIC 11 Permanently Affiliated Approved by AIC 11 with a Grade

†Revised by 1 Feb. 1994; accepted 12 Feb. 1994.

門：右側より

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 create an component for required drawing. Simulate the prepared part programme using available simulation software's. And Prepare the parts on CNC.

Co-ordinator

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(Autonomous)

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(Recognized by U.G.A. Under Sections 2(f) and 12 of U.G.A. act 1986)

Ph: 08652 252734, 24. Website: www.pragati.ac.in

STUDENTS ENROLLED

S NO	ROLL NO	NAME	SIGNATURE
1	16A31A0311	And Chukka	And
2	16A31A0320	Sitaramreddy Jeeri	Sitaramreddy
3	16A31A0322	Kamesh Juvvala	J. Kamesh
4	16A31A0328	Vamsikrishnareddy Kuri	Vamsi
5	16A31A0333	Rohiniravikiran Kudupudi	K. Rohini
6	16A31A0337	Nikhil Tummala	Nikhil
7	16A31A0349	Mukeshkumar Vallu	Mukesh
8	16A31A0352	Gowrav venkatesh Vasuissetty	Gowrav
9	16A31A0353	Eswar sai kumar Vegi	Eswar
10	17A35A0303	Vinod Bora	Vinod
11	16A31A0361	Sai vamsi Adatrao	Sai
12	16A31A0364	Ashish Kumar	Ashish Kumar
13	16A31A0373	Yaswanth krishnan yadav Gundumenu	Yadav
14	16A31A0375	Krishnam raju Kallepalli	K - Krishnam Raju
15	16A31A0386	M.saipavan Mediseti	Sai Pavan
16	16A31A0390	Rohit Nagabathula	Rohit
17	16A31A0392	Satish kumar Narala	Satish
18	16A31A0394	Rakesh navyanth Patchipalla	Rakesh
19	16A31A0395	Teja satya sai Padam	Teja
20	16A31A0398	Pavan kumar Paramsetti	Pavan
21	16A31A03A5	Manikya swamy naidu Sana	S - Manikya Swamy
22	16A31A03B0	Kameswara rao Talluri	Kameswara
23	16A31A03B3	Sri krishna Vadlamudi	Sri Krishna
24	16A31A03B4	Rama rao Yalla	Rajadeen
25	17A35A0322	Jagadeesh Karri	Ramavara
26	17A35A0323	Raju Kella	K. Raju
27	16A31A03C2	Bala krishna Chakka	Bala
28	16A31A03C7	Damodar Dasi	D. Damodar
29	16A31A03D3	Amamadh Garaga	Amamadh
30	16A31A03F4	Kushal sai akhil Mamidisetty	Akhil
31	16A31A03F6	Sai teja Muthika	Sai Teja
32	16A31A03F9	Venkatesh Nallamilli	N. Venkatesh
33	16A31A03G1	Yaswanth Palanki	Yaswanth
34	16A31A03G7	Rahul shanker Todupunoori	Rahul
35	16A31A03H1	Vikash Vundru	V. Vikash
36	16A31A03H2	Sashank kumar raju Vysyaraju	Sashank
37	16A31A03I4	Surya venkata puragadhar Adapa	Surya Venkata
38	16A31A03I6	Sarath venkat sai Arisetti	Sarath Venkat
39	16A31A03I9	Sudheer Badda	Sudheer
40	16A31A03I2	John davidson Bonkur	John David
41	16A31A03I9	Jai sandeep kumar Divulluri	Jai Sandeep
42	16A31A03I7	Lokesh Kuri	Lokesh
43	16A31A03I3	Vanasi Manasa	Manasa

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(Recognized by U.G.C. Under Sections 2(f) and 12(B) of U.G.A. Act, 1956)

Ph. (0884) - 352231, 34 Website: www.pragati.ac.in

44	16A31A03L2	Charan teja Palati	P. Charan teja
45	16A31A03L4	Govind raju Presingi	Govind
46	16A31A03L8	Siva shanmuk varma Saripalli	Siva shanmuk varma
47	16A31A03M3	Sai rama karthik Sumanam	Sai Rama
48	16A31A03M4	Dharma Indru	J. Dharma
49	16A31A03M6	Abhinav sri ananth Vasanthavada	Abhinav Sri anant
50	17A35A0346	Victor Barre	Victor
51	17A35A0347	Veera venkata bhavannarayana Birre	VV bhavannarayana
52	17A35A0348	Nagarjuna konadalarao Doddipatla	Nagarjuna
53	17A35A0349	Suneeth Injeti Injeti	Suneeth
54	17A35A0350	Akhil Janga	Akhil
55	17A35A0351	Kalyan sai charan Kalapu	K. Kalyan Sai
56	17A35A0356	Dhanunjaya Pecheerti	Dhanunjaya
57	17A35A0359	Venkata rajesh Yeepu	Venkata

[Signature]
Co-ordinator

[Signature]
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(Approved by the Government of Andhra Pradesh, Hyderabad.)

STUDENTS ATTENDED

S NO	ROLL NO	26/7	29/7	30/7	1/8	2/8
1	16A31A0311	P	P	P	P	P
2	16A31A0320	P	P	P	P	P
3	16A31A0322	P	P	P	P	P
4	16A31A0328	P	P	P	P	P
5	16A31A0333	P	P	P	A	P
6	16A31A0337	P	P	P	P	P
7	16A31A0349	P	P	P	P	P
8	16A31A0352	P	P	P	P	P
9	16A31A0353	P	P	P	P	P
10	17A35A0303	P	A	P	P	P
11	16A31A0361	P	P	P	P	P
12	16A31A0364	P	P	P	P	P
13	16A31A0373	P	P	P	P	P
14	16A31A0375	P	P	P	P	P
15	16A31A0386	P	P	P	P	A
16	16A31A0390	P	P	P	P	P
17	16A31A0392	P	P	A	P	P
18	16A31A0394	P	P	P	P	P
19	16A31A0395	P	P	P	P	P
20	16A31A0398	P	P	P	P	P
21	16A31A03A5	P	P	P	P	P
22	16A31A03B0	P	P	P	P	P
23	16A31A03B3	P	P	P	P	P
24	16A31A03B4	P	P	P	P	P
25	17A35A0322	P	P	P	P	P
26	17A35A0323	A	P	P	P	P
27	16A31A03C2	P	P	P	P	P
28	16A31A03C7	P	P	P	P	P
29	16A31A03D3	P	P	P	P	P
30	16A31A03F4	P	P	P	P	P
31	16A31A03F6	P	P	P	P	P
32	16A31A03F9	P	P	P	P	P
33	16A31A03G1	P	P	P	P	P
34	16A31A03G7	P	P	P	P	P
35	16A31A03H1	P	P	P	P	P
36	16A31A03H2	P	P	P	P	P
37	16A31A03H4	P	P	P	P	P
38	16A31A03H6	P	P	P	P	P
39	16A31A03I19	P	P	P	P	P
40	16A31A03I2	P	P	P	P	P
41	16A31A03I9	P	P	P	P	P
42	16A31A03J7	P	P	P	P	P
43	16A31A03K8	P	P	P	P	P

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Ph: 08852 294343-44 Website: www.pragati.ac.in

44	16A31A031 2	P	P	P	P	P			
45	16A31A031 4	P	P	P	P	P			
46	16A31A031 8	P	P	P	P	P			
47	16A31A03M3	A	P	P	P	A			
48	16A31A03M4	P	P	P	P	P			
49	16A31A03M6	P	P	A	P	P			
50	17A35A0346	P	A	P	P	P			
51	17A35A0347	P	P	P	A	P			
52	17A35A0348	P	P	P	P	P			
53	17A35A0349	P	P	P	P	P			
54	17A35A0350	P	P	P	P	P			
55	17A35A0351	P	P	P	P	P			
56	17A35A0356	P	P	P	P	P			
57	17A35A0359	P	P	P	P	P			

Co-ordinator

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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

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Ph: 8857-253233, 34 Website: www.pragati.ac.in

APSSDC CNC LAB - FEEDBACK

Date: 3-8-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : BACTH

Title of Training Program : "CNC MILLING".

Date / Venue : 26-7-2019 to 3-8-2019 / Apssdc CNC 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: 4

2 Method of Delivery: 4

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good.

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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

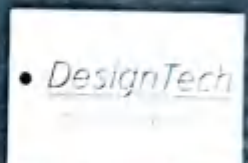
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Bearing number **APSSDC/Siemens/M/22281** has successfully
completed **CNC TURNING WORKSHOP** Course

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.pragati.ac.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


HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

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

Ph: 08852 - 252233-33. Website: www.pragati.ac.in

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.

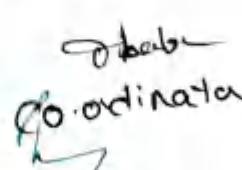
Identification of unknown refrigerants, Recovery & Transfer of refrigerant, safe handling Cylinders and Valves, Leak testing, Evacuation, Charging refrigerants in Refrigerator.

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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Ph: 08852- 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.

[Handwritten signature]

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Co-ordinator

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[Recognized by UGC Under Sections 2(f) and 12(B) of U.G. Act, 1956]

Ph: 08852-253333-34 Website: www.pragati.ac.in

STUDENTS ATTENDED

S NO	ROLL NO	25/3	26/3	27/3	28/3	29/3
1	18A31A0310	P	A	P	P	P
2	18A31A0330	P	P	P	A	P
3	18A31A0338	A	P	P	P	P
4	18A31A0343	P	P	A	P	P
5	18A31A0345	A	P	P	A	P
6	18A31A0347	P	A	A	P	P
7	18A31A0348	A	P	P	P	P
8	18A31A0359	A	P	A	P	P
9	18A31A0360	P	P	P	A	P
10	18A31A0367	P	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	P	P	P
15	18A31A0386	P	A	P	P	A
16	18A31A0388	P	P	P	P	P
17	18A31A03A4	P	P	P	P	P
18	19A35A0332	P	P	P	A	P
19	19A35A0335	P	A	P	P	P
20	19A35A0336	P	P	A	P	P
21	19A35A0337	P	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

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(Recognized by UGC Under Sections 5(a) and 12 (B) of UGC Act - 1956)

Ph: 08852 - 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.

Co-ordinator

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Ph: 08851-252233, 34 Website: www.pragati.ac.in

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/Apsdc R&AC Lab

Please evaluate on a scale of 5;

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

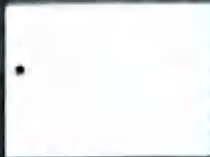
- 1 Usefulness of Topic: Average
- 2 Method of Delivery: Good
- 3 Related to Subject: good
- 4 Is the Topic useful for career: YES/NO ✓
- 5 Suggestions if any: —

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.....

Conducted at

Pragati Engineering College
.....

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

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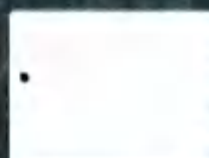
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From **25-Feb-2020 to 3-Mar-2020**

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Ph. No. 08852-242244 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem

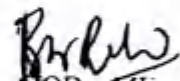
Date: 27-1-2020

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 6-2-2020 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 31-1-2020. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 3-2-2020


HOD - ME

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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.

Obubu
Co-ordinator

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

- Understand the difference between Air conditioning and refrigeration 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.

V

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1998. Approved by UGC, New Delhi, India. Affiliated to JNTU-K, Kakinada, Andhra Pradesh, India. VAE with effect from

1998. Approved by UGC, New Delhi, India. Affiliated to JNTU-K, Kakinada, Andhra Pradesh, India. VAE with effect from

STUDENTS ENROLLED

S NO	ROLL NO	NAME	SIGNATURE
1	17A31A0353	Vadaparthi Sai	Sai
2	17A31A0368	Nunna Sri Latha	N. Sri Latha
3	17A31A03A5	Pithani Anand Raj kumar	Anand
4	17A31A03A9	Seelam Kumar venkata sai	S. Kumar
5	17A31A03B4	Velpula Sujith	V. Sujith
6	17A31A03B9	Bodapati Rajanagendra	Rajanagendra
7	17A31A03C7	Ganji Ranjith kumar	G. Ranjith
8	17A31A03D3	Jagatha Praveen	Praveen
9	17A31A03D7	Kasi Salem bob	K. Salem
10	17A31A03E1	Koyyala Siva vikas	Vikas
11	17A31A03G8	Vanaparthi Naga sai sabharish	N. Naga sai
12	18A31A0355	B Sairam	B. Sairam
13	18A31A0363	Geesala Sudheer	G. Sudheer
14	18A31A0369	Kutchu Maniteja	Maniteja
15	18A31A0375	Mattaparthi Eswar rao	M. Eswar
16	18A31A0378	Mummidi Mukesh ramakrishna	M. Mukesh
17	18A31A0383	Nunna Venkata naga sai manikanta	N. Manikanta
18	18A31A03A1	Verikondi Lakshmikumar	V. Lakshmi
19	18A35A0321	Mogga Venkatesh	Venkatesh
20	18A31A03A8	Desalanka Padma dora	D. Padma dora
21	18A31A03B0	Ernagula Kiran	Kiran
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	G. Vishnu
23	18A31A03C3	Kesamsetti Saivinay	Saivinay
24	18A31A03C7	Medisetti Satya surya markandeya swamy	S. Swamy
25	18A31A03D3	Palli Arun kumar	P. Arun
26	18A31A03E9	Tulasi Tilaksaisrinivas	T. Tulasi
27	18A31A03F1	Vaidadi Suneel	V. Suneel
28	18A31A03F5	Yadla Saicharan	Y. Saicharan

Co-ordinator

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Ph. 0855-5334371 Website: www.pragati.ac.in

STUDENTS ATTENDED

S NO	ROLL NO	3/2	4/2	5/2	6/2
1	17A31A0353	P	A	P	P
2	17A31A0368	P	P	A	P
3	17A31A03A5	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	P	P	P	P
9	17A31A03D7	P	A	P	P
10	17A31A03E1	A	P	P	P
11	17A31A03G8	P	P	P	P
12	18A31A0355	P	P	P	P
13	18A31A0363	A	P	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	P	P

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Ph: 08852 252243, 44 Website: www.pragati.ac.in

Report On Electrical(Commercial) Expert Workshop

Date: 7-2-2020

Resource person details

NAME: P. RAJESH

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.

Co-ordinator

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Ph: (0855) 252233-34 Website: www.pragati.ac.in

APSSDC R&AC LAB - FEEDBACK

DEPARTMENT : Mechanical Engineering

Date: 6-2-2020

ACADEMIC YEAR : 2019-2020

Name of the speaker : RAJESH

Title 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

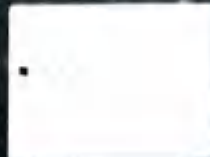
- 1 Usefulness of Topic: *Good*
- 2 Method of Delivery: *Average*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: *YES/NO*
- 5 Suggestions if any: *No*

✓

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

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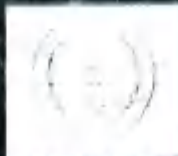
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Ph: 08852 - 252233-34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 5-9-2019

CIRCULAR

It is to inform all the students of B.Tech III year 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


HOD - ME

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Principal for information.




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UPEU - The All India Engineering Universities Federation, New Delhi, India, Accredited by UPEU with A Grade

(Recognized by UGC Under Sections 7 and 12B of UGC Act, 1956)

Ph. 08882-253770, Fax. 08882-253771, www.pragati.ac.in

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.

o-babu
Co-ordinator

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Ph: 98852 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.

Bobba
Co.ordinator

[Signature]

[Signature]
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(Recognized by U.G.A. Under Section 2(f) and 12 (B) of U.G.A. 1956.

Ph: 08843-252211-14 Website: www.pragati.ac.in

STUDENTS ENROLLED

S NO	ROLL NO	NAME	SIGNATURE
1	17A31A0315	Sri Veera Raghava Vara Prasad Chowdalla	S.V.R.Vara Prasad
2	17A31A0316	D.V.V.D.Kishore	Kishore
3	17A31A0329	Rohith Masavarapu	Rohith M
4	17A31A0355	Veera Amarendra Vasamsetti	Veera
5	18A35A0303	Abdul Waiz Qureshi	Qureshi
6	18A35A0306	Manikanta Dadala	D. Manikanta
7	18A35A0309	K.N.V.S. Sai Krishna	Krishna
8	17A31A0372	Gopala Krishna Bikkina	Dr. Gopala
9	17A31A0379	Hari Krishna Goli	Hari Krishna G
10	17A31A0381	I S V Santosh Illuri	Illuri
11	17A31A0385	Murali Kolla	K. murali
12	17A31A0387	Venkatasai Kondeti	Kondeti Venkat
13	17A31A0392	Stephen Jeremiah Maggam	Stephen
14	18A35A0327	Durga Prasad Allavarapu	ADurga Prasad
15	18A35A0328	A. Durga Anil	Anil
16	18A35A0330	Venkata Srinivas Bathi	B. Venkata Srinivas
17	18A35A0333	Nagendra Kumar Konala	Konala
18	18A35A0334	Pavan Kumar Kondeti	P. Pavan
19	18A35A0335	Ajay Tatipakala	Ajay
20	18A35A0337	V. Sai Manikanta	V. Sai Mani
21	17A31A03K0	Surya Teja Karavanja	Teja
22	17A31A03K5	Venkata Hari Nadh Korla	Hari
23	18A35A0341	Venkata Bhargav Badireddy	B. Venkata Bhargav
24	18A35A0344	Lokesh Sai Ram Mamidala	Lokesh Sai R
25	18A35A0346	Ome Swamy Sangadi	S. Swamy

Co-ordinator

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Ph. No. 0861-252231-33 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	12/9	13/9	14/9	19/9	20/9	21/9
1	17A31A0315	P	A	P	P	P	P
2	17A31A0316	P	P	A	P	P	A
3	17A31A0329	P	P	P	P	P	P
4	17A31A0355	P	P	P	P	P	P
5	18A35A0303	P	P	P	P	P	P
6	18A35A0306	P	P	P	P	P	P
7	18A35A0309	P	P	P	P	P	P
8	17A31A0372	P	P	P	P	P	P
9	17A31A0379	P	P	P	P	P	P
10	17A31A0381	A	P	P	P	P	P
11	17A31A0385	P	P	P	P	P	P
12	17A31A0387	P	P	P	P	P	P
13	17A31A0392	P	P	P	A	P	P
14	18A35A0327	P	P	P	P	P	P
15	18A35A0328	P	P	P	P	P	P
16	18A35A0330	P	P	P	P	P	P
17	18A35A0333	P	P	P	P	P	P
18	18A35A0334	P	P	P	P	P	P
19	18A35A0335	P	P	P	P	P	P
20	18A35A0337	P	P	P	P	P	P
21	17A31A03K0	P	P	P	P	P	P
22	17A31A03K5	P	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

Co-ordinator

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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.

Co-ordinator

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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 : "ELECTRICAL (COMMERCIAL) FOUNDATION".
Date / Venue : 12-9-2019 to 21-9-2019 / Apssdc R&AC Lab

Please evaluate on a scale of 5;

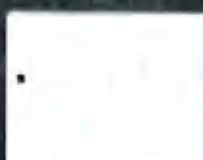
5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

- 1 Usefulness of Topic: Good
- 2 Method of Delivery: Excellent
- 3 Related to Subject: Very good
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: —

W

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

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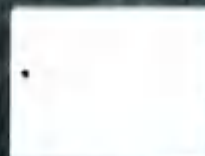
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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

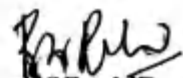
Date: 5-9-2019

CIRCULAR

It is to inform all the students of B.Tech III year 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


HOD - ME

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ME Notice Board

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Recognized by UGC Under Section 2(f) and 12(B) of UGC Act, 1956

Ph. No: 08832-252710-11 Website: www.pragati.ac.in

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.

Obu
Co-ordinator

PRINCIPAL

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt. (AP) - 533 437

(Approved by AICTE - Permanently Affiliated to SVKM's Kakonada - Accredited by NMAC 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

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.**

W

Bobabo
Co-ordinator


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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

SURAMPALM, P. CHENNAI - 600 074

Approved by AICTE, Perambalur, Affiliated to JNTU, Kakinada. Accredited by A.M.A. (Autonomous)

Recognized by UGC Under Sections 2(F) and 12(B) of UGC Act 1956

Ph: 0892-5774431 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0309	Pavan Sai Raghu Ram Ananthala	Pashuram
2	17A31A0312	Manoj Venkata Kumar Bogadi	Manoj B
3	17A31A0324	Lakshmi Raj Koushik Kotha	Kousha Koushik
4	17A31A0328	Siva Naga Nookaraju Mallipamula	M. N. R. J. P.
5	18A35A0311	Ramesh Merapureddy	Ramesh
6	18A35A0312	Sai Vamsi Krishna Nammi	Umesh
7	18A35A0313	Sai Vamsi Puvvala	P. Sai Vamsi
8	18A35A0314	Rajesh Bhamidipati	Rajesh
9	18A35A0315	Naga Chakra Manikanta Siva Enuganti	Ena
10	18A35A0316	Suryam Gadham	Suryam
11	18A35A0317	Satya Sai Vamsi Gullapudi	Vamsi
12	18A35A0318	K. Siddhardha	Siddhartha
13	18A35A0319	Mohan Kumar Killampalli	Mohan
14	17A31A03C6	Seetha Rama Raju	Seetha Rama Raju
15	17A31A03E2	Ashok Babu Lodagala	Ashok
16	17A31A03F2	Sunilkumar Pamu	Sunil Kumar
17	17A31A03G1	S. Venkatesh	Venka
18	17A31A03G5	Sri Sai Satya Venkata Manikanta Thota	Sri Sai Satya
19	17A31A03G9	V. Anand Prasad Kumar	Anand
20	17A31A03H7	A. Sai Sandeep	A. Sai
21	17A31A03I0	B. Vinay Kumar	B. Vinay
22	17A31A03I1	B. Kranthi Kumar	Kranthi Kumar
23	17A31A03I6	D. Shalem Living Stone	Stone
24	17A31A03J2	G. Venkat	G. Venkat
25	17A31A03L6	Padam Bala Krishna	Padam

Co-ordinator

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(AUTONOMOUS)
* L-378, ADB ROAD, SURAMPALM
Near Peddapuram, E.G.D. (AP)-535 437



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Approved by AICTE, Government of A.P. 51141

Approved by AICTE, Permanent Commissioned to DR. J. K. & Sonu. Accredited by UGC (A) Grade

(Recognized by UGC under Sections 20 and 12 (B) of UGC Act 1956)

Ph. 0886-273731-34 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	12/a	13/a	14/a	19/a	20/a	21/a
1	17A31A0309	P	P	P	P	P	P
2	17A31A0312	P	P	P	P	P	P
3	17A31A0324	P	P	P	A	P	P
4	17A31A0328	P	P	P	P	P	P
5	18A35A0311	P	P	P	P	P	P
6	18A35A0312	A	P	P	P	P	P
7	18A35A0313	P	P	P	P	P	P
8	18A35A0314	P	A	P	P	P	A
9	18A35A0315	P	P	P	P	P	P
10	18A35A0316	P	P	P	P	P	P
11	18A35A0317	P	P	P	P	A	P
12	18A35A0318	P	P	A	P	P	P
13	18A35A0319	P	P	P	P	P	P
14	17A31A03C6	P	P	P	P	P	P
15	17A31A03E2	P	P	P	P	P	P
16	17A31A03F2	P	P	P	P	P	P
17	17A31A03G1	P	P	P	P	P	P
18	17A31A03G5	P	P	P	P	P	P
19	17A31A03G9	P	P	P	P	P	P
20	17A31A03H7	P	P	P	P	P	P
21	17A31A03I0	P	P	P	P	P	P
22	17A31A03I1	P	P	P	P	P	P
23	17A31A03I6	P	P	P	P	P	P
24	17A31A03J2	P	P	P	P	P	P
25	17A31A03L6	P	P	P	P	P	P

Co-ordinator

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(Approved by AICTE - Permanent) Affiliated to JNTU Kakinada (Recognized by N.A.A. - B Grade)

(Recognized by U.G.C. Under Sections 2(f) and 12(B) of U.G. Act 1956)

Ph: (0885) 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.

Co-ordinator

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(Recognized by UGC Under Sections 2(f) and 12(B) of U.C.A. Act 1956)

Ph: 08852 - 252233 Fax: Website: www.pragati.ac.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 : "ELECTRICAL(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 1 Avoid in Future

- 1 Usefulness of Topic: Excellent
- 2 Method of Delivery: Excellent
- 3 Related to Subject: very good.
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: —

W

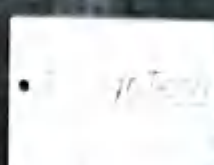
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Bearing number **APSSDC/Siemens/M/31413** has successfully
completed **ELECTRICAL(COMMERCIAL) FOUNDATION** Course
.....

Conducted at

Pragati Engineering College
.....

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

Siemens Industry Software India Pvt. Ltd

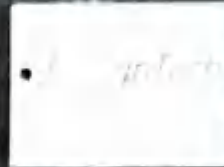
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Near Peddapuram, E.G.Dt. (AP)-533 437

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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**

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

A/01 Road, Surampalem - 533 437 (A.P.)

Approved by MR. TE - Permanently Affiliated by N.E.T.K. Kakatula. Accredited by N.A.A. (Grade A)

(Recognized by U.G.C. Under Sections 7(f) and 12(B) of U.G.C. Act 1956)

Ph: 08857-252233-34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

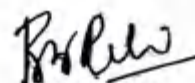
Date 3-2-2020

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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Approved by AICTE, Surampalem. (AP) 533 437
Approved by NVA, Andhra Pradesh.
Recognized by U.U. Under Section 2(f) and 12 of U.G. Act 1956.
Ph: 088-752233-34 Website: www.pac.ac.in

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.

Subabu.
Co-ordinator

PRINCIPAL

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(AUTONOMOUS)**

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



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(Autonomous)

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(Approved by AICTE - Permanently Affiliated to NIT K. Kakinada. Accredited by NVA with 'A' Grade)

(Recognized by U.G.C. Under Sections 2(f) and 12 (B) of U.G.A. Act - 1956)

Ph: 08852 - 252231-34 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.

Oba b.
Co-ordinator

PRINCIPAL

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(AUTONOMOUS)**

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



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Approved by AICTE, Hyderabad. Affiliated to PSEU, Kakinada. Accredited by NVA with A Grade.

Recognized by UGC Under Sections 5(D) and 12(BB) of U.C. Act, 1956.

Ph: 0892-252233-34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0353	Vadaparthi Sai	Sai
2	17A31A0368	Nunna Sri latha	Sri Latha
3	17A31A03A5	Pitham Anand raj kumar	Raj Kumar
4	17A31A03A9	Seelam Kumar venkata sai	venkata
5	17A31A03B4	Velpula Sujith	Sujith
6	17A31A03B9	Bodapati Rajanagendra	Rajanagendra
7	17A31A03C7	Ganji Ranjith kumar	Ranjith
8	17A31A03D3	Jagatha Praveen	J. Praveen
9	17A31A03D7	Kasi Salem bob	Salem Bob
10	17A31A03E1	Kosyala Siva vikas	Siva Vikas
11	17A31A03G8	Vaniaparthi Naga sai sabharish	Sai Sabharish
12	18A31A0355	B Sairam	B. Sairam
13	18A31A0363	Geesala Sudheer	Sudheer
14	18A31A0369	Kutchu Maniteja	Maniteja
15	18A31A0375	Manaparthi Eswar rao	Eswar
16	18A31A0378	Mummidi Mukesh ramakrishna	Ram Krishna
17	18A31A0383	Nunna Venkata naga sai manikanta	Manikanta
18	18A31A03A1	Verikondi Lakshmikumar	Lakshmikumar
19	18A31A0321	Mogga Venkatesh	M. Venkatesh
20	18A31A03A8	Desalanka Padma dora	Dora
21	18A31A03B0	Ernagula Kiran	Kiran
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	Sri Raj
23	18A31A03C3	Kesamsetti Saivinay	Saivinay
24	18A31A03C7	Mediseti Satya surya markandeya swamy	Swamy
25	18A31A03D3	Palli Arun kumar	Arun
26	18A31A03E9	Tulasi Tilaksaisrinivas	Srinivas
27	18A31A03F1	Vaidadi Suneel	V. Suneel
28	18A31A03F5	Yadla Saicharan	Saicharan

Co-ordinator

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(Recognized by UGC Under Sections 2(f) and 12(B) of U.A. 1956)

Ph: 08852 - 255343, 44 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	10/12	11/12	12/12	13/12	14/12
1	17A31A0353	A	P	P	P	P
2	17A31A0368	P	A	P	P	P
3	17A31A03A5	P	P	A	P	P
4	17A31A03A9	P	P	P	A	P
5	17A31A03B4	P	P	P	P	A
6	17A31A03B9	A	P	P	P	P
7	17A31A03C7	P	P	P	P	P
8	17A31A03D3	P	P	P	P	P
9	17A31A03D7	P	P	P	P	P
10	17A31A03E1	P	P	P	P	P
11	17A31A03G8	P	P	P	P	P
12	18A31A0355	P	P	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	P	A	P	P	P
19	18A31A0321	P	P	A	P	P
20	18A31A03A8	P	A	P	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	P
27	18A31A03F1	P	A	P	P	P
28	18A31A03F5	P	P	P	P	P


Co-ordinator

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



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(Autonomous)

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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC Act - 1956)

Ph: 8852 252233-34 Website: www.pragati.ac.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.

Co-ordinator

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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;

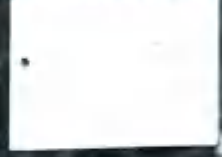
5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

- 1 Usefulness of Topic: Average
- 2 Method of Delivery: Poor
- 3 Related to Subject: Good
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: —

W

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.....

Conducted at

Pragati Engineering College
.....

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

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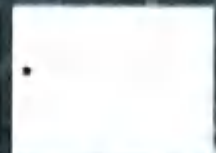
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completed ***ELECTRICAL(COMMERCIAL) EXPERT*** Course
.....

Conducted at

Pragati Engineering College
.....

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

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(Approved by AICTE, Permanently Affiliated to P.V.P. Engineering College, Surampalem. Accredited by N.M.T. with 'A' Grade)

(Recognized by UGC Under Sections 12, 13, 14 of UGC Act, 1956)

Ph: 08852-252241-44. Website: www.pragati.ac.in

DEPARTMENT 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


HOD-ME


Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.


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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, Dist. - 522 215, A.P.

Approved by AICTE, Perpetual Status. Affiliated to S. J. K. Kakada. Accredited by NVA with 'A' Grade.

(Recognized by UGC Under Section-2(f) and 12(B) of U.G. Act, 1956)

Ph: 8861 252244-45 Website: www.pragati.ac.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. 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-ordinator

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ADB Road, Surampalem - 533 437

(Approved by AICTE - Permanently Affiliated to JNTU K. Kakina. Accredited by N.A.M. with 'A' Grade)
(Recognized by UGC Under Sections 2(F) and 12(B) of UGC Act 1956)
Ph: 08852 - 252233, 44 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.

4

Co-ordinator

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(AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE

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Approved by AICTE, Promoted by Affiliated to JNTU Kakinada, Accredited by AICTE with A Grade

Recognized by UGC Under Section 2(f) and 12, Act of 1986 and

Ph. 0852-252257-81 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0312	B.T.S Trinadh	Trinadh
2	18A31A0316	Ch. Dorababu	CH. DORABABU
3	18A31A0331	K. Sri Satish Chandra	Satish
4	18A31A0337	M. Suresh	M. Suresh
5	18A31A0355	Sai Ram	Saisham
6	18A31A0363	G. Sudheer	G. Sudheer
7	18A31A0375	M. Eswar Rao	M. Eswar
8	18A31A0379	Satish kumar	Satish
9	18A31A0383	N Manikanta	N. Manikanta
10	18A31A0392	Manikiran	Mani Karan
11	18A31A0394	S. Praveen	S. Praveen
12	18A31A0397	T. Pavan	T. Pavan
13	18A31A03D3	P. Arun Kumar	P. Arun Kumar
14	18A31A03D5	P. Veerendra	P. veerendra
15	18A31A03D9	P. Kartheek	P. Kartheek
16	18A31A03E9	Tilak Sai Srinivas	T. Sai
17	19A35A0332	G Devi Naga Manikanta	Manikanta
18	19A35A0336	M Naga Krishna	M. Naga Krishna
19	19A35A0337	N Venkat	N. Venkat
20	19A35A0340	R. Vinay	R. Vinay
21	19A35A0341	R Leela Satish Kumar	R. L. Satish
22	19A35A0342	S Satish Kumar	S. Satish
23	18A31A03G4	Ch Srikar	Ch. Srikar
24	18A31A03I3	M. Veera Pradeep	M. Veera Pradeep
25	18A31A03J0	P Vara Prasad	P. Varaprasad

Co-ordinator

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Ch. R. S. Surampalem, E. G. DL - 533437

Approved by JNTU, Hyderabad, affiliated to JNTU, Kakatiya, Accredited by UGC, New Delhi, A Grade

Recognized by UGC Under Section 5(1) and 5(2) of UGC Act 1956

Ph. 0884-243231, 44 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	3/9	4/9	5/9	6/9	11/9			
1	18A31A0312	A	P	P	P	P			
2	18A31A0316	P	P	P	P	P			
3	18A31A0331	P	P	A	P	P			
4	18A31A0337	P	P	P	P	P			
5	18A31A0355	P	P	P	P	A			
6	18A31A0363	P	P	P	A	P			
7	18A31A0375	P	A	P	P	P			
8	18A31A0379	P	P	P	P	P			
9	18A31A0383	A	P	P	P	P			
10	18A31A0392	P	P	A	P	P			
11	18A31A0394	P	P	P	P	A			
12	18A31A0397	P	A	P	P	P			
13	18A31A03D3	P	P	P	P	P			
14	18A31A03D5	A	P	P	P	P			
15	18A31A03D9	P	P	A	P	P			
16	18A31A03E9	P	P	P	P	A			
17	19A35A0332	P	P	P	A	P			
18	19A35A0336	P	A	P	P	P			
19	19A35A0337	P	P	P	P	P			
20	19A35A0340	P	P	P	P	P			
21	19A35A0341	P	P	P	A	P			
22	19A35A0342	A	P	P	P	P			
23	18A31A03G4	P	P	P	P	P			
24	18A31A03I3	P	P	A	P	P			
25	18A31A03J0	P	P	P	P	A			

Co-ordinator

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Near Peddapuram, E.G.D.L (AP)-533437



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(Approved by AICTE, Permanently Affiliated to JNTU, Kakinada. Accredited by NVAAC with 'A' Grade)

(Recognized by U.O. Under Sections 2(f) and 12 (B) of U.G.A. Act 1956)

Ph: 08852-252234-33 Website: www.pragati.ac.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

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A100 Road, Surampalem - 531 117

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Recognized by U.G.C. Under Sections 10 and 12(B) of U.G.C. Act, 1956

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

APSSDC WELDING LAB - FEEDBACK

Date: 11-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

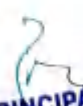
Title of Training Program : "EXPERT WELDING".

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

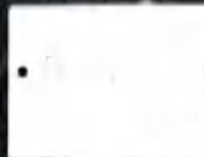
Please evaluate on a scale of 5:

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

- 1 Usefulness of Topic: Good
- 2 Method of Delivery: Excellent
- 3 Related to Subject: Excellent
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: —


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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

APSSDC

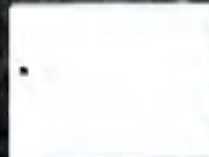
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This is to certify that **Ch. Dorababu**

Bearing number **APSSDC/Siemens/M/16892** has successfully
completed **BASIC FOUNDATION OF WELDING** Course

.....

Conducted at

Pragati Engineering College

.....

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

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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

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 WORKSHOPS 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

Copy to

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




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1-378 Road, Surampalem, E.G.Dt. (AP)-533 437

Approved by AICTE, PCC and Affiliated to D.V. & Kakaniada. Accredited by UPEU as A Grade

Recognized by UET under Section 10 and 12 (B) of U.G. Act 1956

Ph: 0853-252243-44 Website: www.pragati.ac.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. 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-ordinator

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



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(Approved by AICTE - Permanently Affiliated to JNTU K. Kakinada. Accredited by NMAC 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

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

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Approved by JNTU, Hyderabad

(Recognized by UGC Under Section 2(f) of UGC act 1956)

Ph: 8857 342111 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0310	Arava Vivek	Vivek
2	18A31A0330	Katipalli Sweet Babu	K. Sweet Babu
3	18A31A0338	Nama Nagababu	N. Nagababu
4	18A31A0345	Patnala Guna Sagar	P. Guna Sagar
5	18A31A0347	Pilla Sandeep	Sandeep
6	18A31A0348	Pyla Ganesh	P. Ganesh
7	18A31A0359	Chikkala Vinayak	Ch. Vinayak
8	18A31A0360	Darbha Sandeep Datta	D. Sandeep
9	18A31A0368	Kotikalapudi Vishnu Kalyan	Vishnu Kalyan
10	18A31A0378	Mummidi Mukesh Rama Krishna	M. Mukesh Rama
11	18A31A0381	Nathipam Ganesh	N. Ganesh
12	18A31A0386	Pithani D M Satya Sai Vara Prasad	P. Prasad
13	18A31A0388	Potnuri Sai Krishna	P. Sai Krishna
14	18A31A03A6	Boddu Ajay Kumar	Ajay
15	18A31A03B1	Elesetti Sandeep	E. Sandeep
16	18A31A03C4	Kilaparthi Sandeep Kumar	K. Sandeep
17	18A31A03C7	Mediseti Satya Surya Markandeya Swamy	S. Swamy
18	18A31A03D2	Nurukurthi Durga Prasad	N. Durga prasa
19	18A31A03D4	Pyla Shalem Kumar	P. Shalem
20	19A35A0348	Kotipalli Praveen	Praveen.

Co-ordinator

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

U.T.T. Road, Surampalem, E.G. Dt. (AP) - 533 437

Approved by AICTE, New Delhi. Affiliated to JNTU, Kakinada. Accredited by NQA, New Delhi. (Recognized by U.T.T. Under Section 3(1) of the U.T.T. Act, 1987. Ph: 98971 252233. E-Mail: pragati@pragati.ac.in)

STUDENTS ATTENDED

S.NO	ROLL NO	25/2	26/2	27/2	2/3	3/3
1	18A31A0310	A	P	P	P	P
2	18A31A0310	P	A	P	P	P
3	18A31A0318	P	P	A	P	P
4	18A31A0315	P	P	P	A	P
5	18A31A0347	P	P	P	P	A
6	18A31A0348	P	P	P	P	P
7	18A31A0359	P	P	A	P	P
8	18A31A0360	P	P	P	P	P
9	18A31A0368	A	P	P	P	P
10	18A31A0378	P	P	P	P	P
11	18A31A0381	P	P	P	A	P
12	18A31A0386	P	P	P	P	P
13	18A31A0388	P	P	P	P	P
14	18A31A03A6	P	P	A	P	P
15	18A31A03B1	P	P	P	P	P
16	18A31A03C4	P	A	P	P	A
17	18A31A03C7	P	P	P	P	P
18	18A31A03D2	P	P	P	P	P
19	18A31A03D4	P	P	P	P	P
20	19A35A0348	A	P	P	P	P

Co-ordinator

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



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5-30 Road, Surampalem, E.G.Dt. (AP)-533 437

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(Recognized by UGC Under Sections 11 and 12 (ii) of UGC Act, 1956)

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

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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PRAGATI ENGINEERING COLLEGE

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(Recognized by U.G.C. under Section-2(f) and 12 (B) of U.C.E. Act 1956)

Ph: 0887-252231-34 Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date: 3-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

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

1 Usefulness of Topic:

Good

2 Method of Delivery:

Average

3 Related to Subject:

Excellent

4 Is the Topic useful for career:

YES/NO

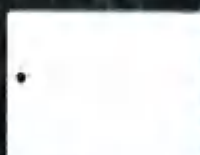
5 Suggestions if any:

—

W

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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

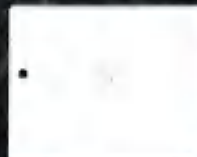
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This is to certify that **Patnala Guna Sagar**

Bearing number **APSSDC/Siemens/M/75919** 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



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A.P. Road, Surampalem, E.G.Dt. (AP) - 533 437

(Approved by AICTE, Permanently Affiliated to N.T.K. Kakimela, Accredited by NAA with 'A' Grades)

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

Ph: 08852 - 252233-34 Website: www.pragati.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


HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

4


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(Approved by AICTE, Permanently Affiliated to JNTU K. Kakinada, Accredited by NVA, ISO 9001:2015)

(Recognized by UGC - under Sections 2(f) and 2(b) of UGC Act, 1956)

Ph: 08852-2554544 Website: www.pragati.ac.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. 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.

4

Obala
Co. adinata

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Recognized by UGC Under Section 2(f) and 12(B) of UGC Act 1956.

Ph: 0885- 242344-44 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.

✓

Oodabolu
Co-ordinator

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(Recognized by F.A.R. Under Section 2(f)(ii) of UGC Act 1956)

Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0312	B.T.S Trinadh	Trinadh
2	18A31A0316	Ch. Dorababu	Ch. Dorababu
3	18A31A0331	K. Sri Satish Chandra	Sai chandra
4	18A31A0337	M. Suresh	Suresh
5	18A31A0355	Sai Ram	Sai Ram
6	18A31A0363	G. Sudheer	SUDHEER
7	18A31A0375	M. Eswar Rao	Eswar Rao
8	18A31A0379	Satish kumar	18A31A0379
9	18A31A0383	N Manikanta	Manikanta
10	18A31A0392	Manikiran	Manikiran
11	18A31A0394	S. Praveen	Praveen
12	18A31A0397	T. Pavan	Pavan
13	18A31A03D3	P. Arun Kumar	Arun
14	18A31A03D5	P. Veerendra	Veer
15	18A31A03D9	P. Kartheek	Kartheek
16	18A31A03E9	Tilak Sai Srinivas	T. Srinivas
17	19A35A0332	G Devi Naga Manikanta	Manikanta
18	19A35A0336	M Naga Krishna	M. N. Krishna
19	19A35A0337	N Venkat	Venkat
20	19A35A0340	R. Vinay	R. Vinay
21	19A35A0341	R Leela Satish Kumar	Satish Kumar
22	19A35A0342	S Satish Kumar	S. Satish
23	18A31A03G4	Ch Srikar	Srikar
24	18A31A03I3	M. Veera Pradeep	M. Pradeep
25	18A31A03J0	P Vara Prasad	P. Varaprasad

Co-ordinator

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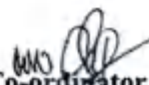
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Recognized by UGC Under Sections 2(f) and 12(B) of UGC Act, 1956.

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

STUDENTS ATTENDED

S.NO	ROLL NO	26/8	27/8	28/8	29/8	30/8
1	18A31A0312	P	P	P	P	P
2	18A31A0316	P	P	P	P	P
3	18A31A0331	P	P	P	P	P
4	18A31A0337	P	P	P	P	P
5	18A31A0355	P	P	P	P	P
6	18A31A0363	P	P	A	P	P
7	18A31A0375	P	A	P	P	P
8	18A31A0379	P	P	P	P	P
9	18A31A0383	P	P	P	P	P
10	18A31A0392	P	P	P	A	P
11	18A31A0394	P	P	P	P	P
12	18A31A0397	A	P	P	P	P
13	18A31A03D3	P	P	P	P	P
14	18A31A03D5	P	P	P	P	P
15	18A31A03D9	P	P	P	A	P
16	18A31A03E9	P	P	P	P	P
17	19A35A0332	P	P	P	P	P
18	19A35A0336	P	P	P	P	P
19	19A35A0337	P	P	P	P	P
20	19A35A0340	P	P	P	P	P
21	19A35A0341	P	P	P	P	P
22	19A35A0342	P	P	P	P	P
23	18A31A03G4	P	P	P	P	P
24	18A31A03I3	P	P	P	P	P
25	18A31A03J0	P	P	P	P	A


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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.

MMO 

Co-ordinator

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(Recognized by UGC Under Section 11 and 12(B) of UGC Act, 1956)
(Ph: 9852 242233, 74 Website: www.pragati.ac.in)

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

- 1 Usefulness of Topic: *Good*
- 2 Method of Delivery: *Good*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: *YES/NO*
- 5 Suggestions if any: *Good*

H


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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

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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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(Recognized by UGC Under Sections 7(a) and 12(B) of U.G. Act, 1956)

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

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


HOD-ME

Copy to

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ME Notice Board
Principal for information.




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1008 Road, Surampalem, E.G.Dt. (AP)-533 437

Approved by AICTE, Hyderabad. Affiliated to JNTU, K. J. Somayaji. Accredited by NVAE with A Grade.

(Recognized by UGC Under Sections 72(i) and 73, UGC Act 1956)

Ph: 08852-252744, 24 Website: www.pragati.ac.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. 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.

W

O. Babu
Co-ordinator

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(Recognized by UGC Under Sections 7(f) and 12(B) of UGC Act 1956)

Ph: 08852-252233-34 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.

43

S. Bob.
Co-ordinator


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(Recognized by U.T.E. Under Section 3 of the U.T.E. Act, 1947)

Ph. 08827-257733 Fax: 08827-257734 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A03A6	Boddu Ajay Kumar	Ajay
2	18A31A03A7	Cheepurupalli Murali Krishna	M. Murali
3	18A31A03B1	Eliseti Sandeep	Sandeep
4	18A31A03B2	Gandepalli Vishnu Vardhan Sri Raj	G. Sri Raj
5	18A31A03C2	Katta Praveen Srinivas	K. Srinivas
6	18A31A03C5	Kothapalli Shekhar	K. Shekhar
7	18A31A03C7	M Satya Surya Markandeya Swamy	Markandeya
8	18A31A03D1	Nela Chaitanya Teja	N. Teja
9	18A31A03D2	Nurukurthi Durga Prasad	N. D. Prasad
10	18A31A03E0	Prathipati Sai Manoj	Manoj
11	18A31A03E2	Saipureddy Siva Sai Ram	S. Siva Sai
12	18A31A03F6	Yellaboina Satish	Y. Satish
13	19A35A0339	R Vinay kumar	R. Vinay
14	18A31A03I4	Meka Sai Praneeth	M. Sai
15	18A31A03J6	Sheik Nazeem	Nazeem
16	18A31A03G3	Chandramalla Bhagath	C. Bhagath
17	18A31A03G6	Chintapalli Ramesh	Ramesh
18	18A31A03H2	K Mani Sridhar	K. Mani
19	18A31A03J8	Thotakura Dharmendra	T. Dharmendra
20	18A31A03G9	G Veera Venkata Sathya Narasimha	G. Venkata
21	18A31A03K5	Y Bala Venkata Krishna	Y. Krishna
22	19A35A0345	K Ajay Kumar	Ajay Kumar
23	19A35A0350	M Sanjay	M. Sanjay
24	19A35A0352	N H S Bulliyya	Bulliyya
25	19A35A0355	T Surya Kumar	T. Surya Kumar

WKS
Co-ordinator

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1. *Chlorophyll a* (mg/g) = 12.72 (OD₆₈₀) - 8.09 (OD₇₅₀)
 2. *Chlorophyll b* (mg/g) = 22.9 (OD₆₈₀) - 22.9 (OD₇₅₀)
 3. *Chlorophyll total* (mg/g) = 12.72 (OD₆₈₀) - 8.09 (OD₇₅₀) + 22.9 (OD₆₈₀) - 22.9 (OD₇₅₀)
 4. *Chlorophyll content index* = 12.72 (OD₆₈₀) - 8.09 (OD₇₅₀) + 22.9 (OD₆₈₀) - 22.9 (OD₇₅₀)

NAME	ROLE NO	19/9	20/9	23/9	24/9	25/9
	18A31A031A6	P	P	P	P	P
	18A31A031A7	P	P	P	P	P
1	18A31A031B1	P	P	P	P	P
4	18A31A031B2	P	P	P	P	P
5	18A31A031C2	P	P	P	P	P
6	18A31A031C5	P	A	P	P	P
7	18A31A031C7	P	P	P	P	P
8	18A31A031D1	P	P	P	P	P
9	18A31A031D2	P	P	P	P	P
10	18A31A031E0	A	P	P	P	P
11	18A31A031E2	P	P	A	P	P
12	18A31A031F6	P	P	P	P	P
13	19A35A0339	P	P	P	P	P
14	18A31A031I4	P	P	P	P	P
15	18A31A031J6	P	P	P	P	P
16	18A31A031G3	P	P	P	P	P
17	18A31A031G6	P	P	P	P	P
18	18A31A031H2	P	P	P	A	P
19	18A31A031J8	P	P	P	P	P
20	18A31A031G9	P	P	P	P	P
21	18A31A031K5	P	P	P	P	P
22	19A35A0345	P	P	P	P	A
23	19A35A0350	P	P	P	P	P
24	19A35A0352	P	P	P	P	P
25	19A35A0355	P	P	P	P	P

Co-ordinator

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Under Sections 12(1) and 12(4) of U.C. Act, 1946.
Ph: 9449021911 Website: www.pragati.ac.in

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, 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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Ph: 08852-552213-14 Website: www.pragati.ac.in

APSSDC WELDING LAB - FEEDBACK

Date: 25-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

Title 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

1 Usefulness of Topic: Average

2 Method of Delivery: Excellent

3 Related to Subject: Good

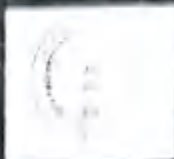
4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

W

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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

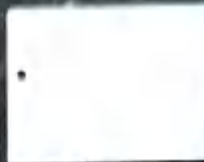
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This is to certify that **Kothapalli Shekhar**

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

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(Recognized by UGC Under Sections 2(f) and 12 of UGC Act 1956)

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

DEPARTMENT OF MECHANICAL ENGINEERING

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


HOD - ME

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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Surampalem - 533 437 (E.G.Dt.) (A.P.)

Approved by AICTE, Hyderabad. Affiliated to JNTU, Kakinada. Accredited by UGC, New Delhi.

Recognized by UGC under Sections 10 and 12(B) of U.G. Act, 1956.

Ph: 088-252211-14 Website: www.pragati.ac.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, 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-ordinator

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

Ph: 08872 552233, 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.

Co-ordinator

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[Appr. - 06/06/11] Permission to Affiliated to J. K. Kakati's Accredited by S. A. T. with A Grade.

[Recognized by J. K. Kakati's Sections 1(f) and 1(h) of J. K. Act 1976]

Ph. No. 0844-245542-43 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0313	Bondada Keshav	Keshav
2	18A31A0314	Challa Veera Yaswanth Kumar	Ch. Veerayanth
3	18A31A0326	Gosula Surya Prakash Raju	Prakash Raju
4	18A31A0333	Mattapalli Pavan Sai	M. Pavan
5	18A31A0334	Malasani Venkata Ramana	Ramana
6	18A31A0335	Matta Mohan Satya Sai Venkat	Venkat
7	18A31A0374	Manga Veera Chandra Sekhar	Sekhar
8	18A31A0384	Penke Hemanth Kumar	P. Hemanth
9	18A31A0387	Pitta Daante	Daante
10	19A35A0323	Merugu Kiran Kumar	Kiran Kumar
11	18A31A03B8	Karanam Trinadh	T. Trinadh
12	18A31A03D0	Nekkanti Sai Nilekh	Nilekh
13	18A31A03E3	Savarapu Bharath Kumar	S. Bharath
14	18A31A03E7	Teku Anish	Anish
15	18A31A03F3	Varada Tarun Kumar	T. Tarun
16	19A35A0330	Dudala Ramakrishna Subrahmanyam	Subrahmanyam
17	19A35A0334	Koripuri Bhanu Varun	B. Bhanu
18	19A35A0338	Nooni Raghu Ram	Raghu Ram
19	18A31A03H3	Koppaka Prudhvi Sai	K. Prudhvi
20	18A31A03I7	Nama Ram Pavan Kumar	Pavan Kumar
21	18A31A03I9	P Veera Venkata Ganesh Pavan Kumar	Ganesh
22	18A31A03J3	Ravipati Venkata Bhanu Prakash	P. Bhanu Prakash
23	18A31A03J4	Rayudu Ramakrishna	Ramakrishna
24	18A31A03K1	Vanka Sri Harshith Chowdary	Chowdary

Co-ordinator

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

Ph: 088-25223324 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	2/12	3/12	4/12	6/12	9/12		
1	18A31A0313	P	P	P	P	P		
2	18A31A0314	P	P	P	P	P		
3	18A31A0326	P	P	P	P	P		
4	18A31A0333	P	P	P	P	P		
5	18A31A0334	P	P	P	P	P		
6	18A31A0335	P	P	P	P	P		
7	18A31A0374	P	A	P	P	P		
8	18A31A0384	P	P	P	P	P		
9	18A31A0387	P	P	P	P	P		
10	19A35A0323	A	P	P	P	P		
11	18A31A03B8	P	P	P	P	P		
12	18A31A03D0	P	P	P	P	P		
13	18A31A03E3	P	P	P	P	P		
14	18A31A03E7	P	P	A	P	P		
15	18A31A03F3	P	P	P	P	P		
16	19A35A0330	P	P	P	P	P		
17	19A35A0334	P	P	P	P	P		
18	19A35A0338	P	P	P	A	P		
19	18A31A03H3	P	P	P	P	P		
20	18A31A03I7	P	P	P	P	P		
21	18A31A03I9	P	P	P	P	P		
22	18A31A03J3	P	P	P	P	P		
23	18A31A03J4	P	P	P	P	A		
24	18A31A03K1	P	P	P	P	P		

Co-ordinator

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

Ph: 08852-252231, 24 Website: www.pragati.ac.in

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

Ph: 08832-252333-34 Website: www.pragati.ac.in

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:

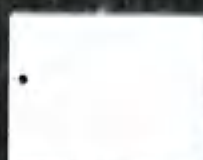
5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

- 1 Usefulness of Topic: *Very good*
- 2 Method of Delivery: *good*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: *✓ YES/NO*
- 5 Suggestions if any: *—*

W

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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

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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**


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(UPEU No. Surampalem (T) 1001/2014-15 433437)

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(Recognized by J.G. - J.G. Section 2(F) and 2(B) of UPEU Act 1984)
Ph. 08941 2331234. Website: www.pragati.ac.in

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


HOD-ME

Copy to

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Dept. File.
ME Notice Board
Principal for information.




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(Recognized by UGC under Sections 2(f) and 12(B) of U.C. Act, 1956)
Ph: 08852 252233-34 Website: www.pragati.ac.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, 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. (i) 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.

Q
Co-ordinator

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(Recognized by U.G.C. Under Sections 2(f) and 12(B) of U.G.A. Act, 1956)

Ph. No. 0863 - 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.

4

Co-ordinator

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Approved by AICTE, Permitted by Affiliated to U.P.E.C. Kakatiya, Accredited by A.C.A. under A grade

Recognized by U.P.E.C. Under Sections 5D and 5E of U.P.E.C. Act, 1987

Ph: 08667 247343, 247344 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0318	Dhulipudi Apparao	D. Apparao
2	18A31A0321	Nandababu Gundra	Nanda Babu
3	18A31A0327	Ithe Akshaya Kumar	I. Akshaya
4	18A31A0332	Kurasa Manikya Chakradhar	Chakradhar
5	19A35A0314	Vemavarapu Sandeep	V. Sandeep
6	18A31A0361	Dinidi Naga Prashanth	D. Prashanth
7	19A35A0315	Akumarthi Niranjana	Niranjana
8	19A35A0316	Allu Subramanyam	A. Subbu
9	19A35A0317	Chirra Yuvaraj Prasad	Ch. Yuvaraj
10	19A35A0322	Kaduluri Joseph	J. Kaduluri
11	19A35A0326	Perelli Satish Kumar	P. Satish
12	18A31A03A5	Anugula Sumanth	Sumanth
13	18A31A03B3	Golla Datta Veera Manoj	G. Manoj
14	18A31A03B5	Gunnam Akhil	G. Akhil
15	18A31A03C9	Nakanaboina Uma Srinivasu	U. Srinivasu
16	18A31A03E1	Shaik S J Hussain Kareemulla Sha Khadari	S. Hussain
17	18A31A03F4	Yellaboina Venkata Sai Sri Harsha	Y. Harsha
18	18A31A03F9	Akkireddi Madhu	A. Madhu
19	18A31A03G1	Balagam Nirosh Varma	B. Nirosh
20	18A31A03G8	Gampala Pavan Satya Kumar	G. Satya
21	18A31A03I6	Nakka Chakravarthi	N. Chakravarthi
22	18A31A03K2	Vasa Mohan Kumar	Mohan Kumar
23	18A31A03K7	Siva Shankar Kumar Swamy Neela	S. Swamy
24	19A35A0351	Mummina Devi Vara Prasad	M. Devi

Co-ordinator

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Ph: 0845 252211-14 Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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(Recognized by U.G.C. Under Sections 2(f) and 12 of U.G.C. Act 1956)

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

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

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Ph: 08852 352233-34 Website: www.pragati.ac.in

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

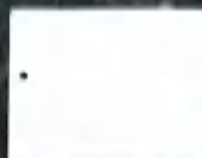
Please evaluate on a scale of 5:

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

- 1 Usefulness of Topic: *Average*
- 2 Method of Delivery: *Average*
- 3 Related to Subject: *Very good*
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: *No -*


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Certificate of Completion

siemens.co.in

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

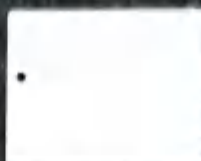
APSSDC

Design Tech Systems Limited

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Certificate of Completion

siemens.co.in

This is to certify that **Kurasa Manikya Chakradhar**

Bearing number **APSSDC/Siemens/M/18214** 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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PRAGATI ENGINEERING COLLEGE

(Autonomous)

Surampalem - 533 437

Approved by AICTE, Government of India, affiliated to PNTU, Andhra Pradesh. Accredited by NMAC with A Grade

Recognized by UGC Under Sections 10 and 12(B) of U.G. Act, 1956

Ph. No. 08937 252233-34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.

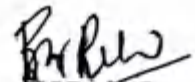
Date: 20-12-2019

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


HOD-ME

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.

R
Co-ordinator

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(AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE

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APPR Regd. Surampalem, E.G.Dt. (AP)-533 437

(Approved by AICTE, Permanent Affiliated to JNTU-K, Andhra Pradesh, Accredited by NAMA Grade 'A' Grade)

(Recognized by U.G.C. Under Sections 2(f) and 12(B) of U.G.C. Act, 1956)

Ph: 08862-252233-34 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.

Co-ordinator

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Address: Surampalem, E.G.Dt. (AP) - 533 437

Approved by AICTE, Permanent Affiliated to JNTU-K, Kakatiya, Hyderabad by NMAC with 'A' Grade

(Recognized by UGC Under Sections 2(f) and 12(B) of U.C. Act 1956)

Ph: 0853-252233-33 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0310	Arava Vivek	A Vivek
2	18A31A0319	Doma Raghavendra Hari Hara Pavan	Hari
3	18A31A0336	Mummidi Veera Venkata Sai Akhil	Akhil
4	18A31A0339	Nidadavolu Sesha Sai Abhiram	Abhiram
5	18A31A0350	Sayed Danish Hameed	Hameed
6	19A35A0307	Chokka Sunil	Sunil
7	18A31A0357	Buddala Venkata Prasanna Krishna	Prasanna
8	18A31A0370	Lalith Kishan Rachamalla	Rachamalla
9	18A31A0390	Rayudu Siva Narendra	Narendra
10	18A31A0395	Seenu Venkatesh	Seenu
11	18A31A0396	Surada Surya Dileep	Dileep
12	18A31A03A0	Vasa Pradeep	V. Pradeep
13	18A31A03C4	Kilaparathi Sandeep Kumar	Sandeep
14	18A31A03C8	Munduri Satish	Satish
15	18A31A03D7	Paskadi Arun Kumar	Arun
16	18A31A03E4	Shaik Imran	Imran
17	18A31A03E6	Sunkara Champak Sai Sri	Sri
18	18A31A03F1	Vaidadi Suneel	Suneel
19	19A35A0329	Avantsa Veera Ravi Kiran	Kiran
20	19A35A0331	Durgasi Bheema Maruthi Umasurya	Umasurya

Co-ordinator

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Pragati Engineering College

PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt. AP - 533 432

Approved by All India Engineering Council, New Delhi, India. Accredited by NVA with A Grade

Recognized by U.G. Under Sections 3(f) and 12(B) of U.G. Act, 1956

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

STUDENTS ATTENDED

S.NO	ROLL NO	29/12	30/12	31/12	2/1	3/1
1	18A31A0310	A	P	P	P	P
2	18A31A0319	P	A	P	P	P
3	18A31A0336	P	P	A	P	P
4	18A31A0339	P	P	P	P	P
5	18A31A0350	P	P	P	A	P
6	19A35A0307	P	P	P	P	P
7	18A31A0357	P	P	P	P	A
8	18A31A0370	P	A	P	P	P
9	18A31A0390	P	P	P	P	P
10	18A31A0395	P	P	P	P	P
11	18A31A0396	P	P	A	P	P
12	18A31A03A0	P	P	P	P	P
13	18A31A03C4	P	A	P	P	P
14	18A31A03C8	P	P	P	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	A	P	P	P	P
19	19A35A0329	P	P	A	P	P
20	19A35A0331	P	P	P	A	P

Co-ordinator

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(Approved by AICTE, Permanently Affiliated to JNTU, Kakurda. Accredited by NVAAC with 'A' Grade)

(Recognized by U.G. Under Sections 7(f) and 12 (B) of U.G. Act 1956)

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

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(Recognized by UGC under Sections 2(f) and 12(b) of U.C. Act, 1956)

Ph: 08852 553437 Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date: 3-1-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC 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/Apsdc 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: Very good

2 Method of Delivery: Very good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

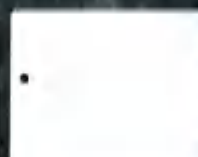
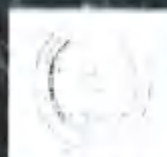
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4

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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

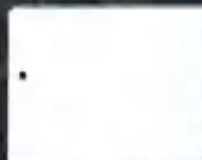
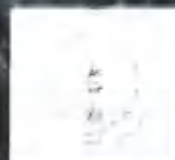
APSSDC

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Certificate of Completion

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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

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

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(Recognized by U.G. Under Sections 2(f) and 12(B) of U.E.A. Act 1956)

Ph: 08853-253233, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

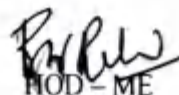
Date: 28-1-2020

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


NOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.




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(Autonomous)

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[Approved by AICTE] [Recognized by UGC] [Accredited by NQA with A Grade]

[Recognized by UGC Under Scheme 70 and 70A of UGC Act 1956]

Ph: 08862-252243-44 Website: www.pragati.ac.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, 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.


Coordinator




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

Ph: 08852-565513-14 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.


Co.ordinator




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Near Peddapuram, E.G.Dt. (AP)-535 137

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



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(Autonomous)

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(Recognized by U.P.U. Under Sections 70 and 12 (B) of U.P.U. Act-1956)
Ph: 088657 252233, 34 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	4/2	5/2	6/2	10/2	11/2		
1	18A31A0308	P	P	A	P	P		
2	18A31A0322	A	P	P	P	P		
3	18A31A0340	P	A	P	P	P		
4	18A31A0342	P	P	P	A	P		
5	18A31A0343	P	P	P	P	P		
6	18A31A0349	P	P	P	P	A		
7	18A31A0356	P	P	A	P	P		
8	18A31A0364	P	P	P	P	P		
9	18A31A0365	A	P	P	P	P		
10	18A31A0385	P	P	P	A	P		
11	18A31A0393	P	P	P	P	P		
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	P	P	P		
16	18A31A03E5	P	P	P	P	P		
17	18A31A03F0	P	P	A	P	P		
18	18A31A03G2	P	P	P	P	P		
19	18A31A03H1	P	P	P	P	A		
20	18A31A03I1	P	A	P	P	P		
21	18A31A03J7	P	P	P	P	P		
22	18A31A03K3	P	P	P	A	P		
23	19A35A0348	A	P	P	P	P		
24	19A35A0356	P	P	P	P	P		

Co-ordinator

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Near Peddapuram, E.G.Dt. (AP)-533432



PRAGATI ENGINEERING COLLEGE

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ADB Road, Surampalem, E.G.Dt. (AP)-533 437

Approved by AICTE, Permanently Affiliated to JNTU - Kakinada, Accredited by NAAC with 'A' Grade

Recognized by UGC Under Section 105 and 12 (B) of UGC Act 1956

Ph: 08852-255234-44 Website: www.pragati.ac.in

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

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PRAGATI ENGINEERING COLLEGE

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(Approved by AICTE, Permanent Affiliation - N.T.E.K. Kakinada, Accredited by N.A.M. with A Grade)
(Recognized by U.G. & Under Sections 2(f) and 12(B) of U.G. Act 1956)

Ph: 08852-251122-24 Website: www.pragati.ac.in

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

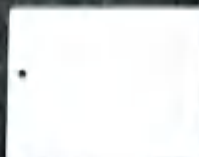
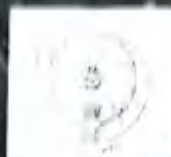
Please evaluate on a scale of 5;

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

- 1 Usefulness of Topic: *Average*
- 2 Method of Delivery: *Very good*
- 3 Related to Subject: *Good*
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: *—*

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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

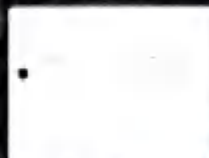
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This is to certify that **Garapati Satya Sai**

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**

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APSSDC

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Ph: 08852-252211, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

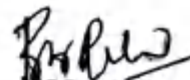
Date: 10-2-2020

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


HOD - ME

Copy to


Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.




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PRAGATI ENGINEERING COLLEGE

(Autonomous)

AIR Road Surampalem E.G.Dt. (AP)-533 433

Approved by AICTE, Permanently Affiliated to JNTU, Hyderabad. Accredited by AAM with A Grade

(Recognized by UGC Under Sections 10 and 12 of UGC Act - 1956)

Ph: 08852-255213-44 Website: www.pragati.ac.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. 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-ordinator

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(Recognized by UGC Under Sections 2(f) and 12(B) of U.G. Act, 1956)

Ph: 08852 - 252233 - 44 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.

4

Co-ordinator

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PRAGATI ENGINEERING COLLEGE

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V-30 Road, Surampalem, E.G.D.P. (AP) - 533111

(Approved by AICTE, Bangalore) Affiliated to P.V.T.S. - Kakinda. Accredited by N.A.A. with 'A' Grade

(Recognized by U.G. Under Sections 9(f) and 12 (B) of U.G. act, 1956)

Ph. No. 0853 - 252233. E-Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	19A35A0305	Allam Lokesh	Lokesh
2	19A35A0306	Chillapalli Venkata Ramana	Ramana
3	19A35A0308	Gorsipudi Naveen	G. Naveen
4	19A35A0309	Mallidi Sai Venkata Srinivasa Reddy	M. Sai Venkata
5	19A35A0311	Rayudu Venkata Siva Subrahmanyam	Siva
6	19A35A0313	Sathi Himateja Reddy	Sathi Himateja Reddy
7	18A31A0353	Allam Bhima Dhanaraju	Dhanaraju
8	18A31A0376	Medaballi Ramkarthik	M. Ram Karthik
9	18A31A03F8	Ainapurapu M V Satya Sai Raghava Raja	Raghava Raja
10	18A31A03G0	Anaparthi Rishin Raju	Rishi
11	18A31A03H7	Kancherla Ajay Kumar	K. Ajay Kumar
12	18A31A03H9	Ketha Sri Satya Sandeep	K. S. S. Sandeep
13	18A31A03I0	Kodamanchili Sai Surya Manjunadh	Sai
14	18A31A03I8	Nelli Naga Sai	N. Naga Sai
15	18A31A03J9	Uppuluri Tarun	Tarun

WMS
Co-ordinator

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Near Peddapuram, E.G.D.P. (AP) - 533111



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VDD Road, Surampalem, E.G.Dt. (AP) - 533433

(Approved by AICTE - Permanently Affiliated to U.S. K. Kakarla. Accredited by NVAE with A Grade)

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

Ph: 08852 - 252243-44 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	12/2	18/2	26/2	27/2	5/3	6/3		
1	19A35A0305	A	P	P	P	P	P		
2	19A35A0306	P	A	P	P	P	P		
3	19A35A0308	P	P	P	P	P	P		
4	19A35A0309	P	P	P	A	P	P		
5	19A35A0311	P	P	P	P	A	P		
6	19A35A0313	P	P	P	P	P	P		
7	18A31A0353	P	P	A	P	P	P		
8	18A31A0376	P	P	P	P	P	P		
9	18A31A03F8	P	P	P	P	P	P		
10	18A31A03G0	A	P	P	P	A	P		
11	18A31A03H7	P	P	P	P	P	P		
12	18A31A03H9	P	P	A	P	P	P		
13	18A31A03I0	P	P	P	P	P	P		
14	18A31A03I8	P	P	P	P	P	A		
15	18A31A03J9	P	P	P	P	P	P		

Co-ordinator

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(Recognized by U.G. Under Sections 2(f) and 12(b) of UGC act, 1956)

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

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

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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

- 1 Usefulness of Topic: *Excellent*
- 2 Method of Delivery: *Excellent*
- 3 Related to Subject: *Good*
- 4 Is the Topic useful for career: *YES/NO*
- 5 Suggestions if any: *—*

[Signature]
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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

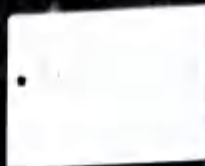
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This is to certify that **Mallidi Sai Venkata Srinivasa Reddy**

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**

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(Recognized by UGC Under Sections 2(f) and 12 (B) of U.G.A. Act 1956)

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.

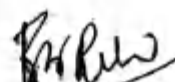
Date: 2-3-2020

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

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Dept. File.

ME Notice Board

Principal for information.




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(Autonomous)

AIR REG. NO. SURAMPALAM (A.P.) - 533 437

Approved by AICTE, Permanently Authorized to INTEL, Surampalem. Accredited by NMAC, Surampalem.

(Recognized by U.G. Controller Sections 21 and 22(B) of U.G. Act, 1956)

Ph. 0885- 22233334 Website: www.pragati.ac.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. 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-ordinator

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Ph: 0882 - 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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Ph: 88832 252233 34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0315	Chitturi Thiruvankatesh	Ch. Thiru
2	18A31A0320	Edupuganti Poorna Sai	E. Poorna Sai
3	18A31A0328	Jalli Satishcharan	J. Satish
4	18A31A0306	Mudunuri Bhavana Sri	M. Bhavana Sri
5	19A35A0302	Palika Geetha Sri	P. Geetha Sri
6	19A35A0303	Thotakura Meghana	T. Meghana
7	18A31A0358	Chellubani Naveen	N. Naveen
8	19A35A0318	Chitturi Chakravarthi	Ch. Chakravarthi
9	18A31A0362	Ganji Sri Ram Prasad	G. S. R. Prasad
10	18A31A0367	Kothapalli Dileep Kumar	Dileep
11	18A31A0377	Mohammed Nawaz Shariff	M. Nawaz
12	18A31A03B0	Ernagula Kiran	E. Kiran
13	18A31A03B7	Juttiga Durga Vara Prasad	J. Durga Var. Prasad
14	18A31A03B9	Kaki Srinivas Trigun	K. Trigun
15	18A31A03C3	Kesamsetti Saivinay	K. Saivinay
16	18A31A03C6	Majji Venkata Swaroop	M. Venkata Swaroop
17	18A31A03D6	Palepu Jagadeeshvarma	P. J. Varma
18	18A31A03F2	Vanka Sri Surya Satya Sumanth	Sumanth
19	18A31A03F5	Yadla Saicharan	Y. Sai Charan

WMS
Co-ordinator

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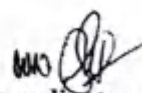
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(Recognized by UGC Under Sections 11 and 12 of UGC Act, 1956)

Ph: 08852 - 251211, 44. Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	9/3	10/3	11/3	16/3	12/3
1	18A31A0315	A	P	P	P	P
2	18A31A0320	P	A	P	P	P
3	18A31A0328	P	P	P	A	P
4	18A31A0306	P	P	P	P	P
5	19A35A0302	A	P	P	P	P
6	19A35A0303	P	P	P	P	P
7	18A31A0358	P	P	A	P	P
8	19A35A0318	P	P	P	P	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	P	P
15	18A31A03C3	P	P	P	A	P
16	18A31A03C6	P	P	P	P	P
17	18A31A03D6	A	P	P	P	P
18	18A31A03F2	P	P	P	P	P
19	18A31A03F5	P	P	P	P	P


Co-ordinator


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

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

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

APSSDC WELDING LAB - FEEDBACK

Date: 17-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 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

1 Usefulness of Topic:

Good

2 Method of Delivery:

Good

3 Related to Subject:

Very good

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any:

—

W

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Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

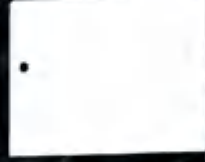
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This is to certify that **Thotakura Meghana**

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

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PRAGATI ENGINEERING COLLEGE

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(Recognized by U.O. Under Sections 2(f) and 12(B) of UGC Act, 1956)

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

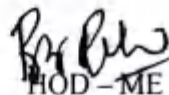
Date: 31-5-2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IV year 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


HOD-ME

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Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.




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Ph: 08862-252233-34 Website: www.pragati.ac.in

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 V5 Fundamentals

Mr. SIFI ALAM has given a brief introduction about the CATIA 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 workbenches
- Perform various tasks concerning 3D Navigation and geometry selection
- Create and constrain sketches
 - ❖ 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
- Exercises-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 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

Co-ordinator
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PRAGATI ENGINEERING COLLEGE

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(Approved by AICTE) (Previously Affiliated to J. K. Lakshminarayana Veda Vedantam College with A Grade)

(Recognized by U.P.E.U. Under Sections 2(f) and 12(B) of U.P.A. Act)

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- 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

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


Co-ordinator
Principal

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PRAGATI ENGINEERING COLLEGE

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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

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.


Co-ordinator




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Recognized by U.G. Under Sections 5(A) and 12(B) of U.G. Act 1956.

Ph. 0885-245511-11 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.No	Name	Roll No	Signature
1	KONA ANIL	16A31A0379	Anil
2	MUTTAREDDI RAMAKRISHNA	17A35A0338	Ramakrishna
3	Koduri Sri Revanth Satya	16A31A03E5	Satya
4	SAI CHARAN ADABALA	16A31A03B7	Charan
5	GONNABATHULA SAI DURGA PRASAD	16A31A03D6	Durga Prasad
6	THAVITIKI SEKHAR	17A35A0344	Sekhar
7	KANTIPAMULA NARESH	16A31A03E3	Nareesh
8	NAGIREDDI VASUMUNI	16A31A03F7	Vasumuni
9	A CH K D PRASAD	17A35A0305	Prasad
10	VINEETH PADAMATA	17A35A0339	Padamata
11	ADITYA BHAMIDIPATI	16A31A0306	Aditya
12	V PRAVEENA RAJU	17A35A0314	Raju
13	VEGI ESWAR SAI KUMAR	16A31A0353	Eswar
14	DHULIPUDI GOVINDARAJU	16A31A0315	Govindaraju
15	PERURI RAVITEJA	17A35A0312	Raviteja
16	Y P V SAI SANDEEP	16A31A0355	Sandeep
17	CHIKKAM DURGA PRASAD	17A35A0308	Durga Prasad
18	CHELLURI VENKAT	17A35A0307	Venkat
19	BONDA SWAMY	17A35A0302	Swamy
20	KATTOJI RAJU	16A31A0377	Raju
21	KUDIPUDI V V SATYANARAYANA	16A31A03E9	Satya
22	EDUPUGANTI POORNA SAI	18A31A0320	Poorna Sai
23	JALLI SATISHCHARAN	18A31A0328	Satish
24	PAPPULA SASHENDRA SRINIVAS BASWANTH	18A31A0344	Sashendra

[Signature]
Co-ordinator

[Signature]
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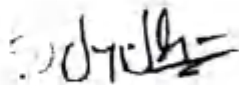
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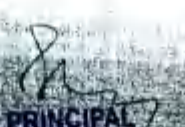
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Ph: 08832 252233-34 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	Roll No	7/6	14/6	21/6	28/6	3/7
1	16A31A0379	P	P	P	P	P
2	17A35A0338	P	A	P	P	P
3	16A31A03E5	A	P	A	P	P
4	16A31A03B7	P	P	P	P	P
5	16A31A03D6	P	P	P	A	P
6	17A35A0344	P	P	P	P	P
7	16A31A03E3	P	P	P	P	A
8	16A31A03F7	P	A	P	P	P
9	17A35A0305	P	P	P	P	P
10	17A35A0339	P	P	P	P	P
11	16A31A0306	A	P	P	P	P
12	17A35A0314	P	P	A	P	P
13	16A31A0353	P	P	P	P	P
14	16A31A0315	P	P	P	P	A
15	17A35A0312	P	P	P	P	P
16	16A31A0355	P	P	P	P	P
17	17A35A0308	P	A	P	P	P
18	17A35A0307	P	P	P	P	P
19	17A35A0302	P	P	P	P	P
20	16A31A0377	A	P	P	P	P
21	16A31A03E9	P	P	P	P	P
22	18A31A0320	P	P	A	P	P
23	18A31A0328	P	P	P	P	P
24	18A31A0344	P	P	P	P	A


Co-ordinator


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TEL: 08872 - 252211, 33 WhatsApp: www.pragati.ac.in

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

Date: 4-7-2019

Resource person details

Name: SIFI 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*

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A LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP was held on 7/6/2019 to 27/7/2019 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 & IV year. This workshop 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 LEVEL 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 workshop.


Co-ordinator




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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

Date: 3-7-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : SIFE ALAM

Title of Training Program : "LEVEL A (CATIA, DELMIA, SIMULIA)"

Date / Venue : 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

- 1 Usefulness of Topic: *Good*
- 2 Method of Delivery: *Average*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: *—*

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Andhra Pradesh State Skill Development Corporation

 **APSSDC** | The 3DEXPERIENCE Company



3DEXPERIENCE

CERTIFICATE OF INTERNSHIP

This certifies that

MUTTAREDDI RAMAKRISHNA

from

Pragati Engineering College

has successfully completed the requirements for

Catia Delmia & Simulia

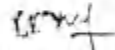
held from 07-06-2019


to 03-07-2019

and is entitled to receive the recognition and benefits so

bestowed awarded on

04-07-2019


Sri T. Anil Kumar
Executive Director
APSSDC


Dr. Sriharish Arja
MD & CEO
APSSDC

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Dr. Sriharish Arja, IRTS
MD & CEO
APSSDC



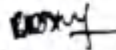
Andhra Pradesh State Skill Development Corporation

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CERTIFICATE OF INTERNSHIP

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bestowed awarded on 04-07-2019


Dr. Pavan Chaitanya
Chief General Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


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Dr. Srikanth Arja, IRTS
MD & CEO
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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 1/7/2019

CIRCULAR

It is to inform all the students of B.Tech II,III & IV year 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


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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, DFMIA, SIMULIA)

Week 1

CATIA V5 Fundamentals.

Mr. SIFE ALAM has given a brief introduction about the CATIA 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 workbenches
- Perform various tasks concerning 3D Navigation and geometry selection
- Create and constrain sketches
 - ❖ 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
- Exercises-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 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

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- 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

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

Handwritten signature
Co-ordinator

Handwritten signature
PRINCIPAL

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Ph: 08852-252331-34 Website: www.pragati.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.


Co-ordinator


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Ph. No. 01-2333 34, Website: www.pragati.ac.in

STUDENTS ENROLLED

S.No	Name	Roll No	Signature
1	Donda satish kumar	16A31A03J1	Satish
2	NANDIKOTLA MADHU S SURYA GANGA PAVAN KUMAR	16A31A03K9	S. Surya
3	CHAITANYA VISHAL PUDI	16A31A03L5	Ch. Vishal P.
4	CHOKKA YESU PADAM	16A31A03I5	Yesupadam
5	SARELLA ANIL	16A31A03M1	S. Anil
6	VESWARA VENKATESH	16A31A03M5	V. Eswar
7	PADRAJU PUTTA	16A31A03A3	Padraju
8	TANETI PRAJITH SUNDAR	17A35A0329	T. Prajith
9	GOLLA SIVA GANESH	16A31A0372	G. Siva Ganesh
10	BADIGANTI BALAJI	16A31A0365	Balan
11	MARADANA BHARATH KUMAR	16A31A0385	M. Bharath
12	KODURI VEERABABU	16A31A0378	K. Veerababu
13	BATHULA SANTOSH KUMAR	16A31A0366	Santi
14	KUKKALA VIDYA SAGAR	16A31A0380	V. Vidya Sagar
15	U KALYAN KUMAR	16A31A03B1	Kumar
16	KODATI HIMA KALYAN	17A35A0324	Hima
17	MAGAPU SANTHOSH	16A31A03K4	Santhosh
18	DADI SIVA SATISH	16A31A03I6	Satish
19	PUTTA SANDEEP CHOWDARY	16A31A03L6	Sandeep
20	JAMI. BRAHMESWARA RAO	16A31A03J3	B. Rami
21	PASALA SAI SANDEEP	16A31A03L0	Sai Sandeep
22	boddu lokesh kumar	16A31A03I1	Lokesh
23	RATNALA BHARAT KUMAR	16A31A03L7	Barat
24	M.R. KRISHNA VAMSI	16A31A03K7	Vamsi
25	BUKKA VEERA CHAKRABABU	16A31A0308	B. Veera
26	K SOLMON RITHISH	16A31A0323	Rithish
27	U PURNA RAVI TEJA	16A31A0348	Purna
28	J ROHITH SAI	16A31A03J4	Rohith
29	d venkata anil	16a31a03I3	Anil
30	D VARUN VARMA	16A31A03I7	Varun
31	P.V.V. YESWANTH SAI	16A31A0341	Yeswanth
32	V ABHINAY SRI ANANTH	16A31A03M6	Abhinay
33	PALATI CHARAN TEJA	16A31A03L2	Charan
34	V S HARSHITH CHOWDARY	18A31A03K1	Harshith
35	DANGATI SRINIVAS	16A31A0370	Srinivas
36	KHADAR MOHIDDIN KHAN	16A31A0370	Khadar
37	UTTIKOTA DEVI VINAY	17A35A0310	Devi
38	AJITHMANTH CHOWDARY	18A31A03J1	Ajith
39	G.D.V.S.S. CHANDRAMOULI	18A31A03J1	Chandramouli
40	PUTTA UMA KIRAN		

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Co-ordinator



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Approved by State Government, Andhra Pradesh

Phone: 08841-247711, Website: www.pragati.ac

STUDENTS ATTENDED

S.NO	Roll No	8/7	15/7	22/7	29/7	2/8
1	16A31A0311	A	P	P	P	P
2	16A31A03K9	P	A	P	P	P
3	16A31A03L5	P	P	A	P	P
4	16A31A03I5	P	P	P	P	P
5	16A31A03M1	P	P	P	P	P
6	16A31A03M5	P	P	P	A	P
7	16A31A03A3	P	P	P	P	P
8	17A35A0329	P	P	P	P	P
9	16A31A0372	P	P	P	P	A
10	16A31A0365	P	P	P	P	P
11	16A31A0385	P	P	A	P	P
12	16A31A0378	P	P	P	P	P
13	16A31A0366	A	P	P	P	P
14	16A31A0380	P	P	P	P	P
15	16A31A03B1	P	P	P	P	P
16	17A35A0324	P	A	P	P	P
17	16A31A03K4	P	P	P	P	P
18	16A31A03I6	P	P	P	A	P
19	16A31A03L6	P	P	P	P	P
20	16A31A03J3	P	P	P	P	P
21	16A31A03L0	P	P	P	P	A
22	16A31A03I1	P	P	P	P	P
23	16A31A03L7	P	A	P	P	P
24	16A31A03K7	P	P	P	P	P
25	16A31A0308	P	P	P	A	P
26	16A31A0323	P	P	P	P	P
27	16A31A0348	A	P	P	P	P
28	16A31A03J4	P	P	P	P	P
29	16A31A03I3	P	A	P	P	P
30	16A31A03I7	P	P	P	P	P
31	16A31A0341	P	P	P	A	P
32	16A31A03M6	P	P	P	P	P
33	16A31A03L2	P	P	P	P	P
34	18A31A03K1	A	P	P	P	P
35	16A31A0370	P	P	P	P	P
36	16A31A0330	P	P	P	P	A
37	17A35A0319	P	P	P	P	P
38	18A31A03F7	P	A	P	P	P
39	16A31A0318	P	P	P	A	P
40	16A31A03A4	A	P	P	P	P

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Phone: 9893301111, 9893301112, 9893301113

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

Date: 3-8-2019

Resource person details

Name: SIFI ALAM

Designation: APSSDC TRAINER

Contact details:

Phone no: 7205427699



During explanation of *Create surfaces*



During Practice session of *Assembly Workbench and Toolbars*

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A WORKSHOP ON 3D MODELING SOFTWARE was held on 17-10-2022 in collaboration with ANSOFT. The expert from ANSOFT explained various basic concepts of parametric design software to the students. At 12:30 P.M. the workshop started with basics of parametric design and assembly design. The paper mainly focused on creating wireframe elements, creating drawings and creating features, Assembly Workbench and Fasteners. The paper also discussed the techniques of creating Constraints, Manage the Specification, Create surface. The students had hands-on experience on the 3D Product CREATOR (CATIA INCLUIDA KINEMATIC). The workshop participants were able to learn in depth of methodology and its real time application. All of students participated in this workshop.


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

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

- 1 Usefulness of Topic: *Good*
- 2 Method of Delivery: *Average*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: *YES/NO*
- 5 Suggestions if any: *—*

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Andhra Pradesh State Skill Development Corporation

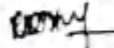
3D EXPERIENCE | The 3DEXPERIENCE Company



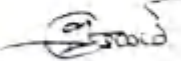
3DEXPERIENCE

CERTIFICATE OF COMPLETION

This certifies that DADI SIVA SATISH
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
held from 08-07-2019 to 02-08-2019 and is entitled to receive the recognition and benefits so
bestowed awarded on 02-08-2019


Dr. Anil Kumar
Chief Executive Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


Dr. Srikanth Anja, IRTS
MD & CEO
APSSDC

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Andhra Pradesh State Skill Development Corporation

3S DIVERSITY | The 3DEXPERIENCE Company



CERTIFICATE OF COMPLETION

This certifies that PUTTA SANDEEP CHOWDARY
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
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bestowed awarded on 02-08-2019

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Chief Executive Officer
APSSDC

Sri T Anil Kumar
Executive Director
APSSDC

Dr. Srikanth Arja, 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 & IV year 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

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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

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 V5 Fundamentals

Mr. SIFE ALAM has given a brief introduction about the CATIA 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 workbenches
- Perform various tasks concerning 3D Navigation and geometry selection
- Create and constrain sketches
 - ❖ 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
- Exercises-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 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

Handwritten signature
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- *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

BT
Co-ordinator

V

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Ph: 0863-343333, Fax: 0863-343334, www.pragati.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.


Co-ordinator


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Ph: 98961 11211-34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.No	Name	Roll No	Signature
1	B.L.N.V.J.SUBHASH	17A31A0311	Subhash
2	K.SAI MANIKANTA	17A31A0321	Manikant
3	R.ACHYUTHA SRI SAI	17A31A0341	Achyutha
4	V.VEERA AMARENDRA	17A31A0355	Amarendral
5	D.RAMYA SUDHA	17A31A0358	Sudha
6	M.SHAHEEN	17A31A0362	Shaheer
7	N.SRI AKHILA AMRUTHA	17A31A0364	Amrutha
8	R.PRIYA CHANDINI	17A31A0367	R. Priya
9	CH.JITENDHRA SAI RAJA	17A31A0373	Sai Raja
10	G.VENKAT SANDEEP	17A31A0378	Sandeep
11	A.ANUDEEP	17A31A0386	Anudeep
12	M.AKHIL YUVARAJ	17A31A0393	M. Akhil
13	S.V.S.M.RAVINDHRA	17A31A03F8	R.
14	A.SAI SANDEEP	17A31A03H7	A. Sai Sandeep
15	G.CHARAN TEJA	17A31A03J5	Charan Teja
16	K.V.HARINADH	17A31A03K5	Harinadh
17	M.YASWANTH	17A31A03N6	Yaswanth
18	A.HARI GANESH	18A35A0304	Hari
19	G.RAMA GANESH	18A35A0307	Ganesh
20	M.L.N.MURTHY	18A35A0310	Murthy
21	P.SAI VAMSI	18A35A0313	Sai Vamsi
22	N.SUMANTH	18A35A0322	N. Sumanth
23	A.DURGA PRASAD	18A35A0327	Prasad
24	B.LAKSHMAN NAGA DURGA	18A35A0329	B. Lakshman
25	V.MOHAN SIVA NAVEEN	18A35A0336	Mohan
26	A.MAHESH	18A35A0340	Mahesh
27	S.OME SWAMY	18A35A0346	S.O. Swamy
28	T.SURYA TEJA	18A35A0348	Teja

h

Co-ordinator

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Ph. 08861 2771111 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	Roll No	3/2	10/2	15/2	20/2
1	17A31A0311	P	P	P	P
2	17A31A0321	P	P	P	P
3	17A31A0341	A	P	P	P
4	17A31A0355	P	A	P	P
5	17A31A0358	P	P	P	P
6	17A31A0362	P	P	A	P
7	17A31A0364	P	P	P	P
8	17A31A0367	P	P	P	P
9	17A31A0373	P	P	P	A
10	17A31A0378	P	P	P	P
11	17A31A0386	P	A	P	P
12	17A31A0393	P	P	P	P
13	17A31A03F8	P	P	P	P
14	17A31A03H7	P	P	P	P
15	17A31A03J5	A	P	P	P
16	17A31A03K5	P	P	P	P
17	17A31A03N6	P	P	P	P
18	18A35A0304	P	P	A	P
19	18A35A0307	P	P	P	P
20	18A35A0310	P	P	P	P
21	18A35A0313	P	P	P	P
22	18A35A0322	P	P	P	A
23	18A35A0327	P	P	P	P
24	18A35A0329	P	A	P	P
25	18A35A0336	P	P	P	P
26	18A35A0340	P	P	P	P
27	18A35A0346	A	P	A	P
28	18A35A0348	P	P	P	P

[Signature]
Co-ordinator

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Ph: 0883-2554433 Website: www.pragati.ac.in

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



During explanation of Operation tool bar, Sketch tools and Sketch

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Ph: 08852-255543-44 Website: www.pragati.ac.in

A LEVEL A (CATIA,DELMIA,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 & IV year. 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 LEVEL 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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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: *Amusee*

2 Method of Delivery: *Good*

3 Related to Subject: *Very good*

4 Is the Topic useful for career: *YES/NO*

5 Suggestions if any: *—*

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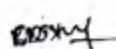
BODINENI

CERTIFICATE OF COMPLETION


17/01/2021

This is to certify that Mr./Ms. B.L.N.V.J.SUBHASH
from Pragati Engineering College has
successfully completed the requirements for CATIA,DELMIA,SIMULIA
held from 03-02-2020 to 23-02-2020.

Principal


Dr. Ravi Gajjala
Chief General Manager
APSSDC

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Dr. Srikanth Arja, IRTS
MD & CEO
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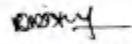
CERTIFICATE OF COMPLETION


Registration No. 17A31A0358

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Principal


Dr. Ravi Gujjula
Chief General Manager
APSSDC


Dr. Sravanth Arja, IRTS
MD & CEO
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 16-09-2019

CIRCULAR

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

Venue: Department of ECE, JNTU, KAKINADA

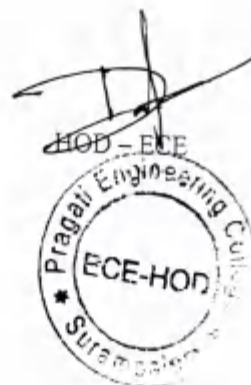
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ECE Notice Board

Principal for information.



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PROGRAM SCHEDULE

Topics Covered

DAY 1(6-HOURS)

Course Foundation:

Mr. M Raghavendras has 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)

Topic 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

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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.

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

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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	18A35A0402	LikhithaKakaraparthi	Likhitha
2	17A31A04G8	P.S.D.S.R.PrasadKhandavilli	P.S.D.S.R. Prasad
3	17A31B0451	PavanPepakayala	P. Pavan
4	17A31A04E4	Prasanna Lakshmi Narapareddy	N. P. Lakshmi
5	17A31B0459	Rohitram Vasamsetti	Rohitram Vasamsetti
6	17A31A04G1	SaiCharanAppikonda	A. Sai Charan
7	17A31A04G9	SaiManoharKosuri	K. S. Manohar
8	17A31B0429	Sandhya Devi Pantagolusula	P. S. Sandhya
9	17A31A0461	SirishaAjjarapu	A. Sirisha
10	17A31A04F4	SravyaKeerthikaMullapudi	S. Sravya Keerthika
11	17A31A04D1	Sri SantoshaPraneelaDoddipatla	D. S. S. Praneela
12	17A31A0470	VeeraSatya Lakshmi SowjanyaChitturi	Ch. V. S. L. Sowjanya
13	17A31A04H1	VeeraSwamyMaruboina	V. S. Maruboina
14	17A31B0414	VenkataSaiManjusreeKokkirimetla	K. V. S. Manjusree
15	17A31A04F9	VenkataVamsiAdabala	A. Venkatesh Adabala


Coordinator


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DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 23-09-2019		DAY-2 24-09-2019		DAY-3 25-09-2019		DAY-4 26-09-2019		DAY-5 27-09-2019		DAY-6 28-09-2019	
		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	P	P	P	P	P	P	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
8	17A31B0429	P	P	P	P	P	P	P	P	A	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	P	P
15	17A31A04F9	P	P	P	P	P	P	P	P	P	A	P	P


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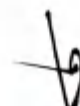
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Attendance Report

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


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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 : 23-09-2019 to 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

- 1 Usefulness of Topic: 5
- 2 Method of Delivery: 5
- 3 Related to Subject: 5
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: More labs needed.

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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 Trainer mainly focus on the following contents,

Describe the purpose of each of the major PLC components, basic PLC operation and 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 define the ladder logic and explain its use and discuss how binary, octal, and hexadecimal numbering systems are used in PLC programming and in the afternoon session sufficient time is given for the students to practice.


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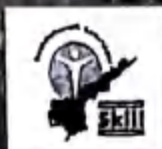
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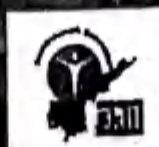
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completed.....**Basics of PLC**.....Course

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completed.....**Basics of PLC**..... Course

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 02-07-2019

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 FOUNDATION in collaboration with APSSDC from 10-07-2019 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

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Principal for information.



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Student Enroll list

S.No	Roll No	Name of the Student	Signature of the student
1	17A31A0463	Balagam Anjani	B. Anjani
2	17A31A0474	Jonnada Surekha	J. Surekha
3	17A31A04B7	Urlankala Sai Naga Chandu	U. Chandu
4	17A31A0465	Barla Krishna Priya	B. Krishna Priya
5	17A31A0401	Akanksha Mishra	A. Mishra
6	17A31A0466	Preethi jyothsna	Preethi
7	17A31A04A5	Karanam GopiHemanth	K. Hemanth
8	17A31A0403	Badam Asha Chandini	Badam. Asha Chandini
9	17A31A04B0	Mohammad Younus	M. Younus
10	17A31A0472	Golla Sowmya	G. Sowmya
11	17A31A0478	Mallipudi Devika Naga Lakshmi	M. D. N. Lakshmi
12	17A31A04B6	Simhadri Jaya Kumar	S. Jaya Kumar
13	17A31A0473	GunnadaBhanu Sravani	G. Sravani
14	17A31A0486	PadalaSaichakraVidhya Mounika	P. Vidhya Mounika
15	17A31A04A4	GudimellaSrinivasaRaghunathBhas hyam	G. Srinivasa

Co-ordinator

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

DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT A.Y.2019-20

S.no	Roll no	DAY-1 10-07-2019		DAY-2 11-07-2019		DAY-3 12-07-2019		DAY-4 13-07-2019		DAY-5 14-07-2019		DAY-6 15-07-2019	
		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	P	P	P
3	17A31A04B7	P	P	P	P	P	P	P	P	P	P	P	P
4	17A31A0465	P	P	P	P	P	P	P	P	P	P	P	P
5	17A31A0401	P	P	P	P	P	P	P	P	P	P	P	P
6	17A31A0466	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A04A5	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0403	P	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	P	P	P	P	P	P	P	P	P	P
11	17A31A0478	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A04B6	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0473	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A0486	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A04A4	P	P	P	P	P	P	P	P	P	P	P	P

Co-ordinator

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Attendance report

S.no	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


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APSSDC-TSDI-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

1 Usefulness of Topic:

5

2 Method of Delivery:

5

3 Related to Subject:

4

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any:

Needful.

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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 & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME FOUNDATION in collaboration with APSSDC from 24-07-2019 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

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Student Enroll list


S.No	Roll No	Name of the Student	Signature of the student
1	17A31A0490	Sayed Anisha Afrin	S. Anisha Afrin
2	17A31A0461	Ajjarapu Sirisha	A. Sirisha
3	17A31A0492	Shaik Suhreen	Sk. Suhreen
4	17A31A0475	Koppiseti Lohitha Sridevi	K. Lohitha Sridevi
5	17A31A0471	Garikipati Kiranmayeeswari	G. Kiranmayeeswari
6	17A31A04D1	Doddipatla Sri Santosha Praneela	D. Praneela
7	17A31A04C8	Chikkala Lakshmi Priyanka	Ch. L. Priyanka
8	17A31A0476	KukkalaUshaPriyanka	K. Priyanka
9	17A31A04C2	Ammula Sai Satya	A. Sai Satya
10	18A35A0427	NamalaVeeraVenkata Sravani	N. V.V. Sravani
11	17A31A0479	Marni Lakshmi Devika	M. Lakshmi Devika
12	17A31A0480	M Venkata SaiLalitha Charishma	M. Charishma
13	17A31A0495	Varasala Krishna Priyanka	V. Priyanka
14	17A31A0489	SavalamTulasi Dora	S. Tulasi
15	17A31A0487	PinisetiPravallika	P. Pravallika



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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT A.Y.2019-20

Roll no	DAY-1 24-07-2019		DAY-2 25-07-2019		DAY-3 26-07-2019		DAY-4 27-07-2019		DAY-5 29-07-2019		DAY-6 31-07-2019	
	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	P	P	P	P	P	P
17A31A0492	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0475	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0471	P	P	P	P	P	P	P	P	P	P	P	P
17A31A04D1	A	A	P	P	P	P	P	P	P	P	P	P
17A31A04C8	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

S.No	Roll no	Classes conducted	Classes Attended
1	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
11	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: 5

2 Method of Delivery: 4

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Need more lab days.


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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 & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS HOME FOUNDATION in collaboration with APSSDC from 09-09-2019 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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Circulate among ECE Students and Faculty.

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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

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

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 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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Student Enroll list

S.N o	Roll No	Name of the Student	Signature of the student
1	17A31A0477	Magapu Rama Tulasi	M. Ramatulasi
2	17A31A04G4	Gorthi V B S Dattatreya Sastry	G.V.B.S.D. Sastry
3	17A31A04H2	Medida Jessie Steven	M. Jessie Steven
4	17A31A0481	Mokana Jasmine Rani	M. Jasmine Rani
5	17A31A04F8	Adabala Aravinda Vijaya Swamy	A. A. V. Swamy
6	17A31A0482	Nadikatla ManjuSree	N. Manju
7	17A31A0497	Vishnuvajhala Sri Bala	V. Sri Balan
8	17A31A0484	Nelaparthi Sirisha	N. Sirisha
9	17A31A0494	Vangala Anjani Manogna	V. Manogna
10	17A31A04C5	Bulusu Sri Sai Sandhya	B. Sandhya
11	17A31A0493	TetaliMrudula	T. Mrudula
12	17A31A0469	ChintalapudiSaiRatnanjani	Ch. Jani
13	17A31A0462	AkhilaCheekatla	A. Cheekatla
14	17A31A04H3	MulluLokeshSai Surya Varaprasad	M. Lokesh
15	17A31A0464	Bapatla Veera Venkata Durga Bhuvaneswari	B.V.V.D. Bhuvaneswari
16	17A31A0484	NelaparthiSirisha	Sirisha
17	17A31A04C5	Bulusu Sri SaiSandhya	B.S.S. Sandhya
18	17A31A0485	Nulu Sri Surya Sunayana	N. Sunayana
19	18A35A0434	VangalapudiSuryachandra	V. Chandra
20	17A31A04G3	Egala Rajesh	E. Rajesh
21	17A31A04G7	GudeSrinivasaRao	G. Srinivasa Rao

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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 09-09-2019		DAY-2 10-09-2019		DAY-3 11-09-2019		DAY-4 12-09-2019		DAY-5 13-09-2019		DAY-6 14-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0477	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A04G4	P	P	P	P	P	P	P	P	P	P	A	A
3	17A31A04H2	P	P	P	P	P	P	A	A	P	P	P	P
4	17A31A0481	P	P	A	A	P	P	P	P	P	P	P	P
5	17A31A04F8	P	P	A	A	P	P	P	P	P	P	P	P
6	17A31A0482	P	P	A	A	P	P	P	P	P	P	P	P
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0484	P	P	P	P	P	P	A	A	P	P	P	P
9	17A31A0494	P	P	P	P	P	P	P	P	P	P	A	P
10	17A31A04C5	P	P	P	P	P	P	P	P	P	P	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	P	P	P
13	17A31A0462	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A04H3	A	P	P	P	P	P	P	P	P	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	P	P	P	P	P	P	A	P	P
18	17A31A0485	P	P	P	P	P	P	P	P	P	A	P	P
19	18A35A0434	A	A	P	P	P	P	P	P	P	P	P	P
20	17A31A04G3	P	P	P	A	A	P	P	P	P	P	P	P
21	17A31A04G7	A	A	P	P	P	P	P	P	P	P	P	P


Co-ordinator


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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


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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: 5

2 Method of Delivery: 5

3 Related to Subject: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Need Advanced Topics


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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 a one week Value Added Course on "Electronics Home Foundation" for three Batches with 3 different time slots in Collaboration with APSSDC as follows. 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 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.

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

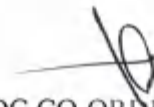
The trainer explained basic connections of Arduino, Sensors and external devices of Arduino, basic Arduino programming, designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.

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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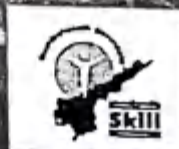
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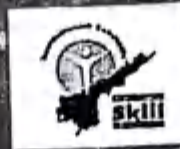
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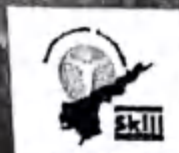
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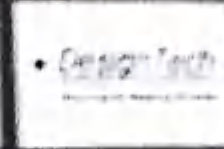
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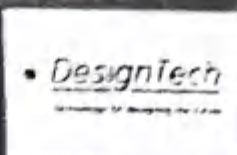
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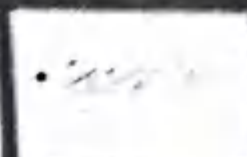
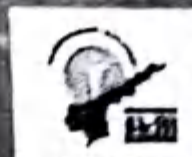
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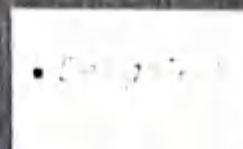
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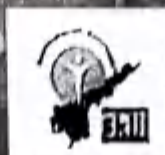
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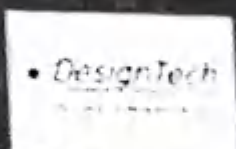
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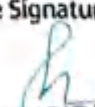
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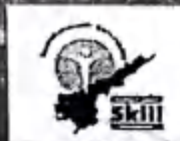
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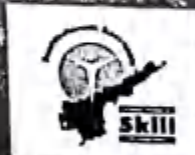
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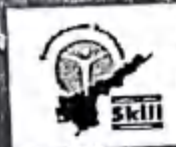
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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 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 Office Lab

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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

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.



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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	17A31B0440	Praveen kumar Bandila	P. Praveen
2	17A31A0421	Anika angel Somana	Anika Somana
3	17A31A0404	Amritha Chandrasekhar	Amritha
4	17A31B0412	Satya nikitha Gullipalli	Nikitha
5	17A31A0446	Mehar ankith Bobbili	B. Ankith
6	17A31B0457	Chaitanya Uggina	U. Chaitanya
7	17A31A0418	Harshitha Palakurthi	P. Harshitha
8	17A31A0429	Razaq qureshi Abdul	A. Razaq
9	17A31A0437	Ayyappa swami Garaga	G. Swami
10	17A31A0427	Yamima rajlin Navabaktula	N. Yamina
11	17A31B0458	Nadish kumar Undurthi	U. Nadish
12	17A31B0405	Anjali kaushik Chitrapu	Anjali Kaushik Ch.
13	17A31A0410	Reshma Katta	K. Reshma
14	17A31A0443	Kishore Palakonda	Kishore P
15	18A35B0401	Akhil chandra Akula	A. Akhil Chandra
16	17A31B0445	Manikanta Dommeti	M. Manikanta
17	17A31A0417	Raveenareddy Padala	P. Raveenareddy

Co-ordinator

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DAY WISE ATTENDANCE REPORT A.Y.2019-20

S.no	Roll no	DAY-1 16-09-2019		DAY-2 17-09-2019		DAY-3 18-09-2019		DAY-4 19-09-2019		DAY-5 23-09-2019		DAY-6 24-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31B0440	P	P	P	P	P	P	P	P	P	P	P	A
2	17A31A0421	P	A	P	P	P	P	P	P	P	P	P	P
3	17A31A0404	P	P	P	P	A	A	P	P	P	P	P	P
4	17A31B0412	P	P	P	P	P	P	P	P	A	P	P	P
5	17A31A0446	P	P	P	P	P	P	P	P	A	P	P	P
6	17A31B0457	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0418	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0429	P	P	P	P	P	P	P	P	P	P	P	P
9	17A31A0437	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A0427	P	A	P	P	P	P	P	P	P	P	P	P
11	17A31B0458	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31B0405	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0410	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A0443	A	A	P	P	P	P	P	P	P	P	P	P
15	18A35B0401	P	P	P	P	P	P	P	P	P	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	P	P	P

APSSDC Coordinator

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Attendance Report

S.No	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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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-TSDI-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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: need practical sessions 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.

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.



APSSDC CO-ORDINATOR



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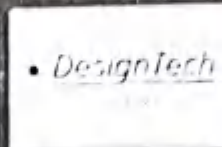
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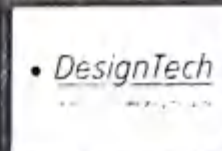
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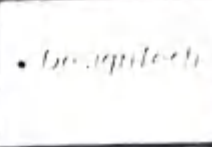
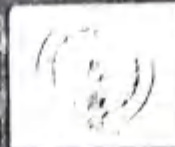
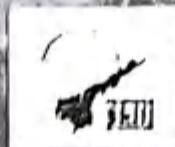
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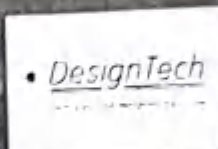
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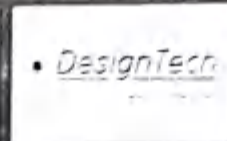
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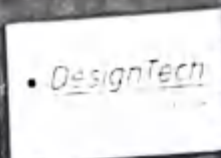
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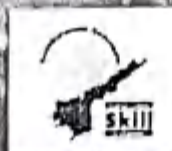
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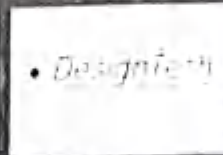
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 05-09-2019

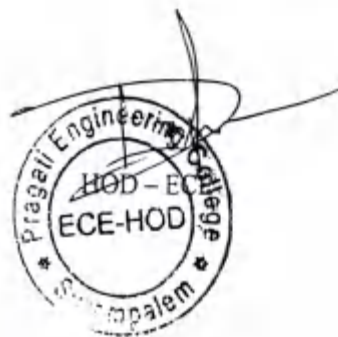
CIRCULAR

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 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

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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

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



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Ph: 08852-252211-14 Website: 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.

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.VAMSI
Designation : APSSDC Trainer
Contact Details:

Ph.No: 8977596066

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Co-ordinator



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

Student Enroll list

S.No	Roll No	Name of the Student	Signature of the student
1	17A31A0477	Magapu Rama Tulasi	M.R. Tulasi
2	17A31A04G4	Gorthi V B S Dattatreya Sastry	G.V.B.S.D. Sastry.
3	17A31A04H2	Medida Jessie Steven	J. Steven
4	17A31A0481	Mokana Jasmine Rani	M.J. Rani
5	17A31A04F8	Adabala Aravinda Vijaya Swamy	A. Swamy
6	17A31A0482	Nadikatta ManjuSree	N. Manjusree
7	17A31A0497	Vishnuvajhala Sri Bala	V. Sri Bala
8	17A31A0484	Nelaparthi Sirisha	N. Sirisha
9	17A31A0494	Vangala Anjani Manogna	V. Anjani
10	17A31A04C5	Bulusu Sri Sai Sandhya	B.S.S. Sandhya
11	17A31A0493	TetaliMrudula	T. Mrudula
12	17A31A0469	Chintalapudi SaiRatnanjani	S. Ratnanjani
13	17A31A0462	AkhilaCheekatla	A. Cheekatla
14	17A31A04H3	MulluLokeshSai Surya Varaprasad	M. Lokesh
15	17A31A0464	Bapatla Veera Venkata Durga Bhuvaneswari	B.V.V.D. Bhuvaneswari
16	17A31A0485	Nulu Sri Surya Sunayana	N.S. Surya Sunayana
17	18A35A0434	VangalapudiSuryachandra	V. Suryachandra
18	17A31A04G3	Egala Rajesh	E. Rajesh
19	17A31A04G7	GudeSrinivasaRao	G. Srinivasa Rao

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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

Sl. No.	Roll no	DAY-1 16-09-2019		DAY-2 17-09-2019		DAY-3 18-09-2019		DAY-4 19-09-2019		DAY-5 23-09-2019		DAY-6 24-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0477	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A04G4	P	P	P	P	P	P	P	P	P	P	P	P
3	17A31A04H2	P	P	P	P	P	P	P	P	P	P	A	A
4	17A31A0481	P	P	P	P	P	P	P	P	P	P	A	A
5	17A31A04F8	P	P	P	P	A	A	P	P	P	P	P	P
6	17A31A04B2	P	P	P	P	P	P	A	P	P	P	P	P
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0484	A	A	P	P	P	P	P	P	P	P	P	P
9	17A31A0494	P	P	P	A	P	P	P	P	P	P	P	P
10	17A31A04C5	P	A	P	P	P	P	P	P	P	P	P	P
11	17A31A0493	P	P	A	A	P	P	P	P	P	P	P	P
12	17A31A0469	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0462	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A04H3	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0464	P	P	P	P	P	P	P	P	A	P	P	P
16	17A31A0485	P	P	P	P	P	P	P	P	P	P	A	A
17	18A35A0434	P	P	P	P	P	P	A	A	P	P	P	P
18	17A31A04G3	P	P	P	P	A	P	P	P	A	P	P	P
19	17A31A04G7	P	P	P	P	P	P	P	P	P	P	A	A


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APSSDC Coordinator

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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

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Learning in Superspace (Tech)

APSSDC-TSDI-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: 5

2 Method of Delivery: 5

3 Related to Subject: 3

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good.


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Ph: 08832 - 252233, 34 Website: www.pragati.ac.in

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.

APSSDC CO-ORDINATOR

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from **16-Sep-19** to **24-Sep-19**

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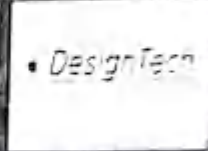
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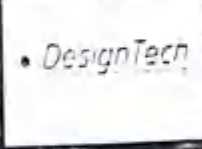
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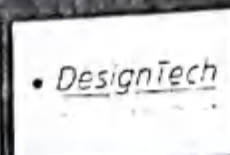
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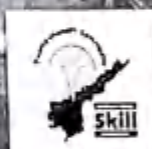
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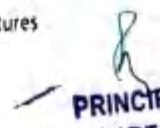
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This is to certify that **MRUDULA TETALI**.....

bearing number. **APSSDC/Siemens/M/76696** has successfully

completed..... **Electronics-Home-Expert**..... Course

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This is to certify that **SAI RATNANJANI CHINTALAPUDI**
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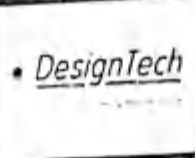
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This is to certify that **AKHILA CHEEKATLA**
bearing number **APSSDC/Siemens/M/76699** has successfully
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This is to certify that **LOKESH SAI SURYA VARA PRASAD MULLU**
bearing number **APSSDC/Siemens/M/76697** has successfully
completed.....**Electronics-Home-Expert**..... Course

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bearing number **APSSDC/Siemens/M/76689** has successfully
completed.....**Electronics-Home-Expert**..... Course

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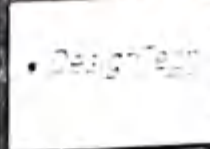
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bearing number **APSSDC/Siemens/M/76700** has successfully
completed.....**Electronics-Home-Expert**..... Course

Conducted at

.....**Pragati Engineering College, Surampalem, Kakinada**.....

from **16-Sep-19** to **24-Sep-19**

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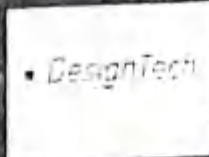
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This is to certify that **SURYA CHANDRA VANGALAPUDI**.....
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completed.....**Electronics-Home-Expert**..... Course

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This is to certify that **RAJESH EGALA**
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Conducted at

Pragati Engineering College, Surampalem, Kakinada

from **16-Sep-19** to **24-Sep-19**

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APSSDC

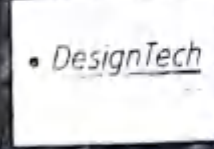
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This is to certify that **SRINIVASA RAO GUDE**
bearing number **APSSDC/Siemens/M/76685** has successfully
completed **Electronics-Home-Expert** Course

Conducted at

Pragati Engineering College, Surampalem, Kakinada

from **16-Sep-19** to **24-Sep-19**

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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 departmantas 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

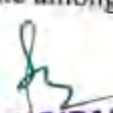
End Date: 16/09/2019

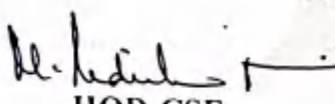
Venue: Marvin Minsky Lab

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
- 3) 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

1

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: Character array, string array.

Day 3:

- Introduction to Functions, types, parameter passing mechanisms.
- Recursion, Structure, Union, Pointers.

Day 4:


- 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

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Problem Solving using C Programming

Attendance Sheet

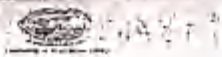
Sl. No.	Roll No	Name of the student	Signature
1	17A31B0505	Dasari Dharani Sai	D. Dharani Sai
2	17A31B0509	Gummadi Navya Sri Devi	G. Navya Sai
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	K. Jahnavi
4	17A31B0520	Kothapalli Mallika	K. Mallika
5	17A31B0526	Namala Devi Sireesha	N. Devi Sireesha
6	17A31B0529	Nanduri Vinayamrutha	N. Vinayamrutha
7	17A31B0530	Neelam Sri Venkata Hari Priya	N. Priya
8	17A31B0538	Are Sumanth	A. Sumanth
9	17A31B0539	Badugu Rammohan Rao	B. Rammohan Rao
10	17A31B0545	Gpillamudi Venkata Sai Pranay Kumar	G. Kumar
11	17A31B0547	Mallidi Rohith Reddy	M. Rohith Reddy
12	17A31B0556	Seela Ajay Krishna	S. Ajay Krishna
13	17A31B0559	Vinnakoti Sravanth Krishna	V. Krishna
14	17A31A0564	Durgavarapu Sai Amrutha	D. Amrutha
15	17A31A0566	Gorrela Lohitha	G. Lohitha
16	17A31A0567	Guddati Jessipriyanka	G. Jessipriyanka
17	17A31A0577	Nanduri Kamala Kumari	N. Kamala Kumari
18	17A31A0578	Nanduri Vimala Kumari	N. Vimala Kumari
19	18A35B0501	Pamu Madhu Babu	P. Madhu Babu


Signature of Coordinator

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Problem Solving using C Programming

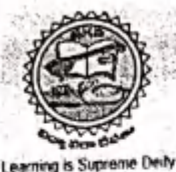
Attendance Sheet

Sl. 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. Jahnvi	A	P	P	P	P	P
4	17A31B0520	Kothapalli Mallika	P	P	A	P	P	P
5	17A31B0526	Namala Devi Sireesha	P	P	P	P	P	P
6	17A31B0529	Nanduri Vinayamrutha	P	P	P	A	P	P
7	17A31B0530	Neelam Sri Venkata Hari Priya	P	P	P	P	P	A
8	17A31B0538	Are Sumanth	P	A	P	P	P	P
9	17A31B0539	Badugu Rammohan Rao	P	P	P	P	P	P
10	17A31B0545	Gpillamudi Venkata Sai Pranay Kumar	P	P	P	P	A	P
11	17A31B0547	Mallidi Rohith Reddy	P	P	P	P	P	P
12	17A31B0556	Seela Ajay Krishna	P	P	P	P	P	P
13	17A31B0559	Vinnakoti Sravanth Krishna	P	P	P	P	P	A
14	17A31A0564	Durgavarapu Sai Amrutha	A	P	P	P	P	P
15	17A31A0566	Gorrela Lohitha	P	P	P	P	P	P
16	17A31A0567	Guddati Jessipriyanka	P	P	P	P	P	P
17	17A31A0577	Nanduri Kamala Kumari	P	A	P	P	P	P
18	17A31A0578	Nanduri Vimala Kumari	P	P	P	P	A	P
19	18A35B0501	Pamu Madhu Babu	P	P	P	A	P	P

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M. V. Ramesh
Signature of Coordinator

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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

- 1 Usefulness of Topic: 5
- 2 Method of Delivery: 5
- 3 Related to Subject: 5
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: Value

✓
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Points delivered



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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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

Informative

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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.

M. V. Laxmi

Signature of the Faculty Coordinator

ftc

[Signature]

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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.

Harini

Coordinator

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Prandh
Principal



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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.

Harini

Coordinator

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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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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

On

PARALLEL COMPUTING

Resource Person

Mrs. D Srisha,

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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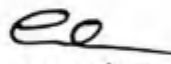
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Topics Covered

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

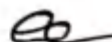
The objective of this course Program is to

- 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


COORDINATOR




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ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

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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; matrix-vector 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 matrix-vector 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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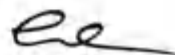
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Photographs during training session




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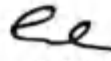
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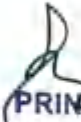
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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	17A31A1201	A.Jaswanthi	A. Jaswanthi
2	17A31A1212	K.Pavana Supriya	K. Supriya
3	17A31A1214	Manyam. Monika	Manyam
4	17A31A1219	N.Sravani	N. Sravani
5	17A31A1222	N.Tejaswi	N. Tejaswi
6	17A31A1223	Palukuri Tejaswi	Palukuri Tejaswi
7	17A31A1225	P. Sriyani	P. Sriyani
8	17A31A1228	Preksha Jain	Preksha
9	17A31A1231	S.Geethika Sai Lakshmi	S. Geethika
10	17A31A1233	T. Sushma Reddy	T. Sushma Reddy
11	17A31A1234	T S SKrishna Prathyusha	T S SKrishna
12	17A31A1235	T.B N Keerthana	T. Keerthana
13	17A31A1236	V.DevaManojna	V. Deva
14	17A31A1237	V. Teja Sruthi	V. Teja
15	17A31A1244	Ch. Naga Vitesh	Ch. Vitesh
16	17A31A1249	K.Sunil kumar	K. Sunil


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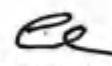
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ATTENDANCE SHEET

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	P	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	P	P	P	A	P
7	17A31A1225	P. Srijani	P	A	P	P	P	A
8	17A31A1228	Preksha Jain	P	P	A	P	P	P
9	17A31A1231	S.Geethika Sai Lakshmi	A	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	A	P	P
13	17A31A1236	V.DevaManojna	P	A	P	P	A	P
14	17A31A1237	V. Teja Sruthi	P	P	P	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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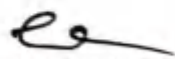
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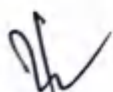
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ATTENDANCE REPORT

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


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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: "PARALLEL 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 1 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 program is very informative and
Looking forward to have greater
Implementation of learned course better.*

P. Srisani

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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 1 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


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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

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Certificate of Participation

This is to certify that Mr./Ms. K. Davana Supriya 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
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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

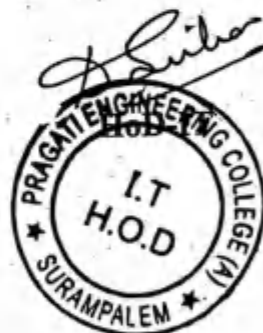
Venue: IT Computer Lab

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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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

On

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 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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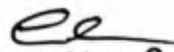
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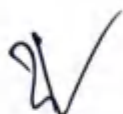
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Topics Covered

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.

1. The first one counts the number of occurrence between groups.
2. 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.

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1-378, ADB ROAD, SURAMPALAM
E.G.Dt., A.P. - 533 437



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(Autonomous)

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(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)

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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.

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Photographs during training session



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COORDINATOR

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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.Chaitraja
2	18A31A1204	Ch.Lakshmi Sowjanya	Sowjanya
3	18A31A1208	K.Vyshnavi Devi	K. Vyshnavi
4	18A31A1211	K.Meghana	K. Meghana
5	18A31A1213	P.Lakshmi Sudha	P. Lakshmi Sudha
6	18A31A1217	M. Joshna Sai Keerthi	M. Joshna Sai Keerthi
7	18A31A1220	P.Sai Mounica	P. Sai Mounica
8	18A31A1221	Ramya Keerthi M	Ramya
9	18A31A1223	R.Ramya	R.Ramya
10	18A31A1224	D. S V V S K Sri Ramya	Ramya
11	18A31A1225	M.Sai Sri	M. Sai Sri
12	18A31A1226	S.Geethika	S. Geethika
13	18A31A1228	Swarupa Mohapatra	S. Mohapatra
14	18A31A1231	Madhuri V	Madhuri V
15	18A31A1236	T.Raja Ravindra	Ravindra
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	Satya
17	18A31A1245	K.Teja Hanuma	K. Teja Hanuma
18	18A31A1247	L.Jagannadha Raju	Jagannadha Raju
19	19A35A1201	D.Mounika	D. mounika

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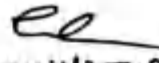
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ATTENDANCE SHEET

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	A
4	18A31A1211	K.Meghana	P	P	P	P	P	P
5	18A31A1213	P.Lakshmi Sudha	P	A	P	P	P	P
6	18A31A1217	M. Joshna Sai Keerthi	P	P	P	P	P	P
7	18A31A1220	P.Sai Mounica	P	P	P	A	P	P
8	18A31A1221	Ramya Keerthi M	P	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	P
12	18A31A1226	S.Geethika	P	P	P	P	A	P
13	18A31A1228	Swarupa Mohapatra	P	A	A	P	P	P
14	18A31A1231	Madhuri V	P	P	P	P	P	P
15	18A31A1236	T.Raja Ravindra	A	P	P	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	A
18	18A31A1247	L.Jagannadha Raju	P	A	P	P	A	P
19	19A35A1201	D.Mounika	P	P	A	P	P	P


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ATTENDANCE REPORT

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 1 Avoid in Future

1 Usefulness of Topic: *Very Good*

2 Method of Delivery: *Good*

3 Related to Subject: *Good*

4 Is the Topic useful for career: *YES/NO*

5 Suggestions if any: *Real time experience what we said be must be clear*

S. Mohapatra

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Please evaluate on a scale of 5;

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

1 Usefulness of Topic: *Excellent*

2 Method of Delivery: *Good*

3 Related to Subject: *Very Good*

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: *Good*

R. Ramya

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Certificate of Participation

This is to certify that Mr./Ms. D. Mounika Student of Information Technology ,
Pragati Engineering college has actively participated and successfully completed Add -on course
R Programming conducted from 24-06-2019 to 29-06-2019 Organized by Department of IT, Praga
Engineering college (Autonomous), Surampalem.

DATE

29-06-2019

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PRAGATIENGINEERINGCOLLEGE

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Certificate of Participation

This is to certify that Mr./Ms. A Satya Venkata 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

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