PROGRESS AND ADDITIONAL PROPERTY.

ON MATLAB & SIMULINK FOR ELECTRICAL ENGINEERS

Company - Selffar March Light Little

PRGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

B-mail:

Place:

Date:

Signature of the applicant

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

ORGANISING COMMITTEE

Chief Patron

Dr. P. Krishna Rao Chairman

Pairons

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:799516794 E-mail: hodece@pragati.ac.in

PRAGATI ENGINEERING COLLEGE

(Autonomous)

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



A FOLK-WEEK I ALLE ADDED PROGRAM

ON MATTAB & SIMPLISH FOR ELECTRICAL ENGINEERS

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



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

About the College

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

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

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

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

About the Department

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

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

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

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

Briggiam Cib ertities

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

Lupicy Covered.

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

Program Milleria.

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



ADB Road Susampalem E G Dr. A P

Department of Electrical and Electronics Engineering

Date: 12/11/2019

CIRCULAR

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

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

Copy to:

1. Principal Office

2. All Dept HOD's

3. Dept Notice Board

HOD-EEE



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

Date: 12/11/2019

Week/Day-wise Schedule

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

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

Son

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Program Coordinator

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE.

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

Dr.G.Naresh

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

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

Add on course Coordinator

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PRACATI L. GINEERING COLLEGE (A) .. SURAMPALEM

ACADEMIC VEAR : 2019-2020 / II NEMESTER

DEPT. OF ELECTRICAL & ELECTRONIC'S ENGINEERING.

	III YEAR : A	& BEETTION	1	7	3	4	5.	6	7	9	9	40	111	12	13	14	15	16	17	15	19	50	21	. 17	. 73	74	19	-26	-29	28
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1	17A31A0204	Sakarrapudi Snigdha	1	P			P	P	P	P	p	D	P	P	P	P	P	P	P	P	p	p	F	D	F	D	P	G.	P	p
	17A31A0205	Kantipudi Sirastia	P	P	P	D	P	P	p	P	P	P	p	p	P	P	P	P	P	p	P	P	P	P	P	P	P	E	P	12
17	17A21A0206	Kukkala Ramiu	0	1	p	P	D	D	D	P	P	P	Þ	6	D	-	P	D	D	P	P	P	P	F	D	P	P	P	P	P
	(7A37A02j3	Poddinti V L.Ski Sruthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p.	P	P	P	P	P	D	P	P	D	P	ti.	D	8
	17A11A0214	Sathi Keerthi Friyamu	P	P	P	p	P	P	D	P	D	P	D	P	P	P	P	R	P	P	0	P	D	P	P	P	D	Ó	0	P
1	2150VIEVL	Sorapulli Naga Sri Hari Priva	P	P	P	P	P	P		P	P	P	p	P		p	P	P	P	a	P	P	P	P	P	P	P	P	P	P
	17A31A0216	Sule Site Mato Lakshmi	10	_	D	P	p	P	P	P	p	P	P	P	P	P	P	p	P	P	P	P	P	P	P	D	P	0	P	V
	17A31A0217	Utukuri Maunika	P	1.		P	-	P	P	0	P	P	p	P	P	P	P	P	P	P	A	0	P	0	è	P	D	p.	0	P
	7A31A0218	Vakkalanka Srisurya Venkara Phanisahilya	p	P	P	P	P	P	p	P	P	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	D	P	P	P
ir i	17A31A0219	Varuparthi Protyushu	P	P	P	P	p	P	P	P	P	p.	A	p	P	P	D	P	P	D	0	P	P	P	8	P	P	F	D	10
	17A11A0220	Vennapu Salyavalhii				D	D	D	0	-	p	P	P	D	p	D	0	P	P	ē	0	p	Ď	P	p.	P	0	D	9	è
2 7	17A31A0225	Cheekatia Sai Manillumar		P				0	0	10	P	p	D	0	p	0	p	6	0	F	0	P	D	P	-	D	D	0		0
3	17A31A0226	Cheerla Sui Sandrep			P	P	D	P	P	P	1	P	P	P	P	0	p	P	P	A	D	-	D	p	Ď.	D	-	G	2	0
1	17A31A0227	Chundru Venkata Srinivas	_	_	P	10	j	p		H	P	P	p	A	P	P	P	P	P	P	p	P	P	P	P	P	2	0	P	p
5	17A31A0234	Kanthamroddy Llmu Sai	1	1	1	#	D	F	P	p	Α	p	,D	12	P	F	12	P	P		F	Æ.	7	150	P	P	F	Sp	36	c
6	17A31A0235	Kunala Raja	P	P	P	7	P	P	2	D	p	P	P	171	P	P	F	P	P	f	P	a	F	P	P	P	P	£	P	P
7	17A31A0236	Lakkavarapu Lokabhitain	7	Þ	,0	P		1	_	2	p	10	p	Þ		P	P	-	0	D		P	10	B	P	P	P	P	100	F
,	18A15A0204	Borday Pradesp Numer			P	p	12	p	P	P	p	10	P	P		P	P		P	1	P	0	£	D		,0	, pr	D	1/2	7
2.	[8A35A020]	Chitikela Venkata Durga Kalahna Varnai	0	2	P	P	p	P	D	F	P	P	P	P	Þ	P	P	a	P	Þ	P	10	P	P		P	1	P	F	A
1	18A35A0207	Kasi Rama Krishna	P	Þ	,e	P	10	P	ж	7	F	À	p	,6	p	P	p.	P	p.	.00	P	10	D			P	12	8	1	15
1	18A35A0208	Komerada Sai Manikanta	14	7	2	P	P	P	-	19	_	P	P	P	P	-	-	_	p	P	F	P	P	P	-	p	12	P	-	10
2.	17A37A0261	Garagott Lassiniiii Samyuktha	A	g	F	p	P	P	P	Þ	Þ	P	P	p	P	P	ħ	Þ	P	A	E	p	a	-	43		h	-	P	p.ii
1	17A31A0263	Kandavalli Rishida	7	R	P	P	P	£	P	ρ	P	2	14	pi	F	P	Ó	p	Þ	9	-	P	P	-	-	P	p	P	10	P
	17A31A0261	Medisetty Ventrala Sai Eri Pratyushu	P	F	7	P	P	P	9	P	F	P	Þ	P		P	-	z	Þ	6	P	p	À	0	N	a	p	FE	A	8
	T4.11A.0285	Mirdududdi Yamini Napp	1	þ	P	h	P	p	P	P	P	P	P	1=	a	7	1	F	P	P	P	C	S	- E+		PRI			s∕∂.	VE



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	HEYEAR A	& B SECTION	1	2	3	4	5.	4	7	8	9.	10	11	12	12	14	15	16	17	A.B.	19	20	25	22	23	24	25	26	-27	28
	Rell No.	Exudent Nume																				-				-				
	17A31A0266	. Neiayudi Moumha Sri	P	ø	D	P	D	p	0	D	D	D	Þ	0	A	D	0	D	1	0	d	04.	2	0	0		0	6	D	0
27	17A31A0Z71	Rampii Shalini	D	A	10	0	0	P	p	10	A	A	ø.	0	D	0	0	,0		Δ	0	0	0	0	P		P	A		
28	17A31A0272	Shaik Khamur Unnisa	P	D	P	-			-	P	P	A	15	A	b	P	P	P		P	0	0	,a	0	0	1	A	0	0	~
29	17A31A0273	Susarla Padme Manaswini	7-	P	+==	P		P	P		p	_	p	P	P	P	-	P	La Co	P	0		0	p	P	P	P	D	p	P
30	.17A31A0274	Tushara Mantripragada	P	P	P	P	P	P	ρ	A	Α	P	P	P	P	A	P	P	P	0	Д	P	10	,0	0	P	10	A	Ø	D
31	17A31A0275	Vodugu Mimaswi	P	D	P	P		_	-	P	P	D	P	200	10	0	P	10	0	12	10	0	2	(D)	0	-	0	2	10	E
32	17A31A0276	Yalla Sel Ram Akhits	P			P	A	-	P	-	2	j.	100	P	n	P	0	0	P	2	25	-	P	10	P	9	P	E	-/-	0
33	17A31A0282	Damodhara Naveon	10	0	P	P	16	p	P	P	P	b	D	15	-0		P	P		P	P	P	1	6	p.	-	1	-	6	-
34	17A31A0283	Goesala Vijay Kumir	12	T/s	6	P		p	-	-	10	Ď	-	15	12	0	P	P		P	0	10	p	0	10	-	25	10	-	D
35	17A31A0284	Gode Sal Krishna	P	0.7	1	P	5	10	P	P	P	10	15	A	P	P	P	10	P	p	,5	P	P	1	13	-	6	1	10	23
36	17A31A0285	Guntuku Gopi Sri Sai Sidhardha	- 1	P	P	15	P	13	p	P	P	P	15	P	13	1	D	P	10	P	15		D	-	p	P	0	A	a	B
37	17A31A0286	Joga Veera Sri Nanda	12	19	P	7	Þ	D	P	P	p	A	D	p	p	P	D	D	P	اهر	p	D	a	P	15	0	0	- 0	0.0	0
36	17A31A0287	Kakatapathi Satyananchami	P	-	-	1	P	p.	-	-	p	P	P	p	p	p	P	a	P	P	P	P	a	,	p	10	P	E	B	153
39	18A35A0218	Chitikina Gowringth	p	P	D	P	P	P	D	P	p	P	p	20	12	P	P	P	de	10	P	19	P	D	P	12	10	,io	D	P
40	18A35A0219	Kalle Sunit	P	E	P	P		D	P	D	D	P	P	0	p	10	P	m	0	D	D	0	D	D	P	D	P	D	n	D
41	18A35A9220	Kates Manoj Kumar		P	13	p	D	p	p	P	P	D	P	0	P	D	P	0	P	b	P	D	0	P		0	5	6	D	6
42	18A35A0221	Nembelie Terun Kumar	P	P	D	0	100	P	P	\sim	-	4	D	P	P	P	D	Ď	D	P	P	P	0	5	2	0	5	a	7	D
43	18A35A0222	Niconalspudi Jagadish Sal Kumar	P	p	P	P	P	P	P	p	P	0	P	ø	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	p
44	18A35A0223	Nurukurthi Rajesh	10	p	P	D	D	P	Ø	P	P	P	P	P	D	P	P	P	0	P	P	P	0	P	P	b	P	p	D	2
4.5	18A35A0224	Rachapalli Adarsh	P	P	p	P	P	p	P	D I	P	P	D	P	D	17	P	P	D	tr	17		6	153	D	7	7	0	12	0

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

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

Feedback form

Date: 14 | 3 | 2020

Department

: Electrical & Electronia Engineering

Academic Year

: 2019-20

Name of the Speaker

: Dr. O. Noush

Title of the Program

: MOTELAB& smulink for Electrical Engineer

Duration

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

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

: 4

2. Method of Delivery

5

3. Related to Subject

. 5

4. Is the Topic useful for career:

Yes/No

5. Suggestions if any

: Nice program.

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

Feedback form

Date: 14/3/2020

Department

: Electrical & Electronics Engg

Academic Year

: 2019-20

Name of the Speaker

: Dr. G. Naresh

Title of the Program

: MATLAB & simulink for Electrical Engineers

Duration

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

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

2. Method of Delivery

3. Related to Subject

Is the Topic useful for career: Yes/No

Suggestions if any

: Good Program

PRAGATI ENGINEERING COLLEGE

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



of the Alt TE Permanetals Arthursoid F. INTUK Kakmada Accreticed by FAAC with A Grades (Recognized by First Under Sections Missign L.) (Brief Under 1996) Ph. 0885 1 (1994) 14 Website wave progeniate in

Date: 17/03/2020

PROGRAM REPORT

Name of the Program

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

Simulink for Electrical Engineers"

Date/Duration

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

Resource Person

: Dr.G. Naresh

Professor, EEE, Pragati Engineering College

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

Program Objective

To know about mathematical functions

To have an adequate knowledge on Array operations and linear

equations

Topics Covered

: The following topics are covered

Desktop tools

Basic Plotting

Animations

· Working with matrices

Array operations and linear equations

Program Outcome:

> Students will acquire extensive knowledge about Array

operations and linear equations in MATLAB

> Students will understand the mathematical functions in

MATLAB

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

No of the Participants

Program Coordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

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

Coordinator

HoD - EEE

Principal PAL COLLEGE

PER PROTECTION FOR THE LAND SET

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PRAGATI ENGINEERING COLLEGE TAUTONOMOUS

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

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HoD - EEF

PRAGATTENGINEERING COLLEGE

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

PROGRAM

ON INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

PROXILENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

Resail:

Place:

Date:

Signature of the applicant

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

ORGANISING COMMITTEE

Or. P. Krishna Rao Chairman

Patrons

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

Convener

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

Coordinator

Mrs. K. Sandhya Rani Assistant Professor, EEE.

For any enquiry contact:

Mobile No:79531674

E-mail: hodece@pragati.ac.in

PRAGATI ENGINEERING COLLEGE

(Automotion us)

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



A FOUR-WEER VALUE ADDED PROGRAM

ON

INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

(June 21st to October 5th 2019)



Organized by NCIPAL
Department MERRING COLLEGE
(AUTONOMOUS)

11-775, ADB ROAD, SURAMPALEM



About life t offers

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

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

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

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

About the Department

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

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

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

Screen - Person

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

Program (m. man-

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

Laples Limited

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

Program Hair nec-

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



ADD Read on supplies, 1 (10) A P (10) 1.

Permanent Affiliated to Pell's Kakousia According to PAAI work A transfer princed by 1 via A index we trust "if and 17 (B) of 1 OC as (1906) Ph. DRR 2 (20) 33 14 Website with progen at m.

Department of Electrical and Electronics Engineering

Date: 17/06/2019

CIRCULAR

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

Venue: Room No: G-9, Main block

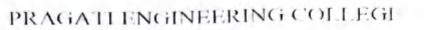
HOD -EEE

Copy to:

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

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(Althospholineirs)

Appearant An II Perusumum Alternative Technology (Sakura to Arresto die Sakura to Arresto

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"

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

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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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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



(Approved by AlC11, Permanently Affiliated to INTUK Kakinada)
1-378, ADB Road, Surampaleru, E.G. District, A.P.-533 437
Ph (08852) 252233, 34 Fax. (08852) 252232 W: www.pragati.ac.in
City Office, D.No. 2 24-4/2, Ground Floor, Januaubhoomi Park Road, Srinagar, Kakinada.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE

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

Dr.R.SathishKumar

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

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

Add on course Coordinator

HOD THE

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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PRAGATI EASINEERING COLLEGE (A) :: SURAMPALEM

ACADEMIC YEAR: 2019-2020 / I SEMESTER

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD ON COURSE Introduction to MATLAB for Engineering Students

	III YEAR -	A & B SECTION	1	2	3	4	5.	6	7	8	9	10	11	12	13	14	15	15	17	18	19	20	21	22	73	36	12	76	21	28
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1	17A31A0201	Boddeti Priyanka	P		1	P	P	F	P	D	P	p	P	P	P	P	P	P	P	P	P	12	P	P	F	P	_7	"	1	-
2	17 A31 A0202	Immandi Sindhu	T	P	F	P	P	p	P	p	Þ	P	F	P	1 2	D	P	p	P	2	1	1 5	F	P	1	1	1	F	1	1
3	17A57A0203	Nothula Rama Lakshmi	P	7	P	P	p	P	P	p	p	P	P	P	P	0	P	P	P	P	P	P	F	P	1	P	9	E.	- 1	P
4	TASI AREST	Magapu Vldys	P	P	p	9	p	P	P	P	p	P	P	F	p	P	7	P	F	12	P	P	2	8	F	F	1	1	2	P
5	17A21A0205	Maxireddy Vijaya Lakshmi	P	F	P	P	p	P	p	P	P	1	P	P	P	P	P	P	P	A	p	P	P	1	P	F	F	e	F	A
-6-	TA31A0210	Moparthi Sruti	P	P	p	f	P	p	12	P	P	P	P	P	P	P	P	6	ř	P	P	F	12	E	2	1	75	5	1	× .
7.1	DASSAGEL	Musya Sai Srikari	D	P	P	P	0	1.5	P	P	p	p	P	P	7	P	7	P	P	P	P	P	P	F	P	P	7	6	2	100
H	14 15 IA0212	Nallamilli Sushmareddy	D	P	P	P	1	P	P	P	7	P	P	p	F	P	P	P	P	7	p	P	P	19	8	t	E	8	-6	P
157	TABLACTES	Burra Surya Sai Raja	p	p	P	p	P	P	p	P	P	P	P	P	P	P	P	P	P	P	P	a	1	1	phi.	+	1	-2	12	,
-16	(TAS1A0235	K Kanishka Chowdury	P	P	P	P	p	P	P	P	F	P	P	P	P	19	P	P	P	P	P	P	1	P	7	P	17	10	-	2
11	17431A0258	Mailireddy Sul Surya Sankar Sandoep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	1	P	F	*	F	P
12	17/03/40239	Manukonda Goverdian Redoj	P	P	P	p	P	Þ	P	P	P	· C ·	P	P	P	P	P	P	P	P	p	P	P	P	P	P	P	2	P	4
1.3	TA3 A0246	Sanipilli Sai Satish	p	P	P	pr	P	P	P	P	P	1.	P	p	P	P	P	P	10	P	1	p	P	8	1	P	1		2	-
1-1	17A5 (A025)	Tummilapalli Klean Teja	-p	P	P	P	р	P	尹	P	6	F	P	P	P	P	F	P	P	P	E	P	1	1	P	2	5	0	F	£
15	17A31A0252	Vadakettu Sai Nanden Varshith	F	P	P	p	P	P	P	P	P	P	P	P	P	p	P	P	P	P	P	1	P	P	P	1	P	F	4	-
16	7A31A0258	Yedidai Srinivas Marinhar	P	P	P	P	4	P	P	P	P	P	₽	P	P	P	P	P	P	P	P	P	7	P	P	5	-	100	di,	2
17	18A35AC201	Chexuri Dharani Chowdary	12	P	P	P	7	P	P	P	P	P	P	P	P	P	to.	0-	P	P	F	P	P	F	P	r	P	F	.,0	E
18.	18A35A0202	Gandharapu Viahali	4	7"	P	P	P	P	P	P	P		P	P	P	P	P	F	\mathcal{E}	P	P	P	1	F	12	P	F	30	D	P
19	18A35A0210 .	Kurapeti Sai Karthik	P	p	P	P	P	P	P	r	P	P	P	P	P	P	P	P	P	P	P	P	1	P	10	P	P	P	F	1
20	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	P	P	P	P	f	P	P	P	P	P	P	P	P	P	P	1	P	1	P	7	p.	P	à	p	Ė	P	P	P
31	17A31A0259	Balireddy Kalyani	P	P	16	P	P	r	10	P	7	P	8	1	P	P	P	F	1	F	1	P	P	1	-F	F	8	P	12	jā)
22	17A31A0260	Bethina Valshnavi Devi	r	P	6	F	F	p	P	P	P	P	P	P	F	P	Þ	P	P	P	F	P	B	P	P	E	8	P	P	19
23.	17A31A0261	Boddepst) Laksimi Tanmal	7	P	P	P	P	P	P	F	P	P	8	2	P	1	P	P	F	P	7	P	7	P	E	6	+	.0	7	P
24	17A31A0267	Paruchuri Yoga Bhavishya	10	F	P	£	P	P	P	P	p	P	P	P	P	P	P	P	P	T	P	P	P	P	P	P	8	1	P	P
25	IZA3 LAGZEN	Pasupuleri Venkata Sai Nikitha	P	P	P	P	P	F	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	0	1

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

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PRAGATI ENGINEERING COLLEGE

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(Autonomous)

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

Feedback form

Date: 5 10 2019

Department

: EEE

Academic Year

: 2019 - 20

Name of the Speaker

: R. sollhesh kumar

Title of the Program

: I moduction to MATLAB. Jox

Engineering, stoden

Duration

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

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

u

2. Method of Delivery

-

3. Related to Subject

4

4. Is the Topic useful for career:

Ves/No

5. Suggestions if any

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



(Autonomous)

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

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

Feedback form

Date: 5 10 2019

Department

Academic Year

2019-20

Name of the Speaker

R. Satish kumar

Title of the Program

Engineering student

Duration

Please evaluate on a scale of 5 ;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

Method of Delivery

3. Related to Subject

4. Is the Topic useful for career :

Yes/No

5. Suggestions if any

PRAGATI ENGINEERING COLLEGE

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Date: 08/10/2019

PROGRAM REPORT

Name of the Program

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

MATLAB for Engineering Students"

Date/Duration

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

Resource Person

: Dr. R. Sathish Kumar

Professor, EEE, Pragati Engineering College

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

Program Objective

To know about mathematical functions

To have an adequate knowledge on Array operations and

linear equations

Topics Covered

: The following topics are covered

Desktop tools

Basic Plotting

Animations

Working with matrices

Array operations and linear equations

Program Outcome

Students will acquire extensive knowledge about Array

operations and linear equations in MATLAB

Students will understand the mathematical functions in

MATLAB

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

: 40 No of the Participants

Program Coordinator

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

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



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

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

Wirs K Sandiya Rami Coordinator

rdinator HoD - EEE

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6 1 7 3 108 ROAD, SURAMPALEM



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEER

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

Coordinator

HoD - EEE



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(Approved by AR 11, Permanently Million, 11, 4811 K. Kakimada, Accredited by SAM, with A forader (Recognized by 11d, 1 ad 1 sections 2(D and 12) Brot 1 GC act 1956)

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

DEPARTMENT OF MICHANICAL ENGINEERING

Surampalem. Date 9-7-2019

CIRCULAR

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

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 16-7-2019

HOD-ME

Copy to

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

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ADR Road Surampalem (1. 28 A) 11 411 117

(Approved by MC11 Permanentis Militated to INTLK Kas and Cheedited by NAAC with A Grader (Recognized by 13st 1 nder Sections 2th and 17 Hard LGC act 1956)

Ph (1885) 252233, 34 Websile www.pragation.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-I

Introduction about CNC Technologies

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

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

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

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

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

Outcome of the course

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

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

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ADR Surampalem Lt # AP 533.437

1 Approved by AR 11 Permanents Atthinated to JNTLK is is inada, Accredited by NAAC with A Grade)
1Recognized by 11 1 index Sections 311 and 12 (B) of 1 GC as 1 1986;
1Ph 1885 1 252233 34 Websile www.pragatiac.in

Report On Foundation to CNC Workshop

Date: 24-7-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

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

Co-ordinator

W

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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Date:23-7-2019

APSSDC CNC LAB - I LLDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

BACIII

Litle of Training Program

"CNC IT RNING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Related to Subject:

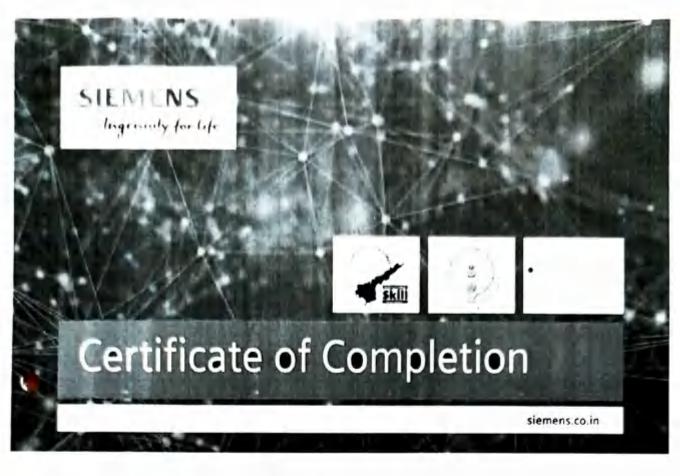
Good Very good Average

Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM



This is to certify that Anil Chukka

Bearing number APSSDC/Siemens/M/22280 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures





This is to certify that Sitaramireddy Jeeri

Bearing number APSSDC/Siemens/M/22281 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

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

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

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DI PARTMENT DE MECHANICAL I NGINEERING

Surampalem, Date:16-9-2019

CIRCULAR

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

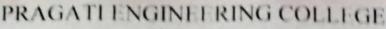
Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 23-9-2019

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Copy to

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





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Objective of the course

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

Topics covered

Week-I

Introduction about CNC Technologies

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

- Structure
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- Feed Back Systems
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- Tooling
- Material Handling System
- Pallet Changer System
- Lubrication System
- Coolant System

Comparison between conventional & CNC machine

Week-2

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 - Preparatory Function (G Codes)
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Outcome of the course

After completing this course, a student will be able to

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

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

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



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12	17A35A0319	Devi vinayakudu Ethakota	Desi
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20	16A31A03E8	Udaya srinivas Konkipudi	Brism.
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22	16A31A03H6	Sarath venkat sai Anisetty	Sarath
23	16A31A03H7	Durga sai trinath Atti	Tringly
24	16A31A03I0	Venkata sai ram vikas Bandaru	Nikas
25	16A31A0316	Siva satish Dadi	Stra
26	16A31A0318	Vijay sankar Dasam	Sawan
27	16A31A03J2	Vasu Gowtu	Jane
28	16A31A03J3	Brahmeswara rao Jami	J. Zomer Ras
29	16A31A03K9	Madhu s surya ganga pavan kumar Nandikolla	
30	17A35A0358	Stacy Varigeti	Stacy.

Cordinator



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10.	16A31A03A6	P	P	P	P	P
11	16A31A03A7	P	P	P	8	8
12	17A35A0319	P	P	P	A	P
13	16A31A03C1	6	P	P	P	P
14	16A31A03D0	P	P	P	P	8
15	16A31A03D1	P	P	P	P	P
16	16A31A03D3	A	P	P	P	P
17	16A31A03E1	P	P	8	P	A
18	16A31A03E4	P	P	P	P	P
19	16A31A03E6	P	P	P	P	P
20	16A31A03E8	À	P	P	P	P
21	16A31A03F2	P	P	P	P	P
22	16A31A03H6	P	P	P	P	P
23	16A31A03H7	B	P	P	P	P
24	16A31A0310	P	P	P	P	6
25	16A31A03I6	8	P	P	P	P
26	16A31A03I8	P	P	P	P	P
27	16A31A03J2	P	P	P	P	P
28	16A31A03J3	P	P	9	P	P
29	16A31A03K9	4	P	P	P	P
30	17A35A0358	P	P	P	P	P

Co-ordinator

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) A 1-378, ADB ROAD, SURAMORLEM Near Peddaguram, E.G.Dt. (AP) 533-437



(Autonomous)

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

Ph 18852 252233 34 Website www.pragation.iii

Report On Foundation to CNC Workshop

Date: 2-10-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

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

Co-ordinator

W

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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



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ADH Head Surgers on 1 G.Dr. A.P. (Approved by A)(1). Permanently Affiliated to A(1)), Kakmada Accordined by NAAC with A Citabel. (Recognized by U.A. Under Sections 2(Frand 12) Hold 14. act (956). Ph. (8852 - 2522) I. Website www.principle.org

APSSDC CNC LAB - FEEDBACK

Date:1-10-2019

DEPARIMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: BACHI

Title of Training Program

"CNC TURNING FOUNDATION".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic: 5

Method of Delivery: 4

Related to Subject: 4 3

Is the Topic useful for career: 4

YES/NO

Suggestions if any: 5

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



This is to certify that Aditya Bhamidipati

Bearing number APSSDC/Siemens/M/25215 has successfully

completed

CNC TURNING FOUNDATION

Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures





This is to certify that Raju Chodipilli

Bearing number APSSDC/Siemens/M/25216 has successfully

completed CNC TURNING FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures





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Note that Subsequent is the Company of the Company

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 19-7-2019

CIRCULAR

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

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 26-7-2019

Copy to

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

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A DESCRIPTION OF A STREET AND A

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Objective of the course

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

Lopics covered

Week-I

Introduction about CNC Technologies

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

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

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

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

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Outcome of the course

After completing this course, a student will be able to

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

PRINCIPAL

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

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



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4	16A31A0328	Vamsikrishnareddy Karri	Vanin
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6	16A31A0337	Nikhil Tummala	alleting
7	16A31A0349	Mukeshkumar Vallu	Huken
8	16A31A0352	Gowrav venkatesh Vasamsetty	Gowan
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17	16A31A0392	Satish kumar Narala	Sotal
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27	16A31A03C2	Bala krishna Chakka	Bely
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29	16A31A03D3	Amamadh Garaga	Amanied
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32	16A31A03F9	Venkatesh Nallamilli	N. Venkatest
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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



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30	16A31A03F4	P	P	P	P	P		-	
31	16A31A03F6	P	P	0	P	P		-	
32	16A31A03F9	P	P	D	P	P			
33	16A31A03G1	P	P	0	P	P			_
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49	16A31A03M6	P	P	n	8	8	
50	17A35A0346	P	A	8	P	P	
51	17A35A0347	P	P	P	A	P	
52	17A35A0348	P	P	P	P	P	
53	17A35A0349	P	P	6	P	P	
54	17A35A0350	P	P	P	P	9	
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Ph. 08852 [252233] 34 Website www.pragati.ac.in

Report On Foundation to CNC Workshop

Date: 4-8-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

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

Co-ordinator

V



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APSSDC CNC LAB - FEEDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

BACTIL

Title of Training Program

:"CNC MILLING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Date: 3-8-2019

Usefulness of Topic:

Method of Delivery:

Related to Subject:

Is the Topic useful for career:

YES/NO

Suggestions if any: Good 5

PRAGATI ENGINEERING COLLEGE (AUTONGHOUS)

Near Peddapuram, E.G.Dt.



This is to certify that Anil Chukka

Bearing number APSSDC/Siemens/M/22280 has successfully

completed CNC TURNING WORKSHOP Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd



Design Tech Systems Limited

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This is an auto generate EPRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E G Dt. (AP)-533437



This is to certify that Sitaramireddy Jeeri

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

PRINCIPAL

Dusign Tech Systems Limited

PRAGATI ENGINEERING COLLEGE

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E G Dt. (AP)-533437



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Ph. 08852 252233 34 Website www.pragatios.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date: 18-2-2020

CIRCULAR

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

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 25-2-2020

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Copy to

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

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18 (1885) 252233 13 Website recognization

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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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

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

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

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

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

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Co.odinator

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STUDENTS ENROLLED

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10	18A31A0367	Kothapalli Dileep kumar	K. D. leif Kim
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12	18A31A0372	Madala Sai srinivas	Ennias
13	18A31A0379	Nagala Satish kumar	N. Satrl
14	18A31A0380	Naidu Sathish	rv. Satish
15	18A31A0386	Pithani Vara prasad	Vara Arased
16	18A31A0388	Potnuri Sai krishna	P. Sev Emb
17	18A31A03A4	Yella Lakshmi narendra	Y. Lakylini neskadi
18	19A35A0332	Gorapalli Devi naga manikanta	Mamle
19	19A35A0335	Mendi Avinash	m. Avinash
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21	19A35A0337	Nokku Venkat	Al. veula +
22	19A35A0338	Nooni Raghuram	Jagune
23	19A35A0339	Rayudu Vinay kumar	
24	19A35A0340	Robbi Vinay	2 vivae
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Co-ordinator





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7	18A31A0348	B	P	P	P	P
8	18A31A0359	A	P	A	P	P
9	18A31A0360	P	P	P	A	P
10	18A31A0367	8	P	P	P	A
11	18A31A0368	P	P	A	P	P
12	18A31A0372	P	A	P	P	P
13	18A31A0379	P	P	P	A	P
14	18A31A0380	A	P	8	P	P
15	18A31A0386	P	A	P	P	A
16	18A31A0388	0	P	P	P	P
17	18A31A03A4	P	P	P	P	P
18	19A35A0332		P	P	A	P
19	19A35A0335	P	A	P	P	P
20	19A35A0336	P	P	A	P	P
21	19A35A0337	9	P	A	P	P
22	19A35A0338	P	A	P	P	P
23	19A35A0339	A	P	P	P	P
24	19A35A0340	P	A	P	P	P
25	19A35A0341	P	P	A	P	P
26	19A35A0342	P	A	P	P	P

Co-ordinator

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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 432



(Autonomous)

A PH Road Strampalem 1 - 18 A Pt 533.437 LApproved by AR 11 Permanents Affiliated to IN 11 & Kakoukita Vecredited by NAM with A forade

(Recognized by LCC Under Sections Strand 12 (1b) of UGC act 1956), 156 (1885) - 252233, 34 Website www.pragatiac.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.

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Co-ordinator

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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



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APSSDC R&AC LAB - FEEDBACK

Date: 3-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

Average B Good

Method of Delivery:

3

Related to Subject:

good

Is the Topic useful for career:

YES/NO

5 Suggestions if any:



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

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

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(AUTONOMOUS)

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This is to certify that Pilla Sandeep

Bearing number APSSDC/Siemens/M/36260 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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the 18852 25221 of Website www.prazidia.m.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:27-1-2020

CIRCULAR

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

Venue: R&AC LAB MI-CHANICAL DEPARTMENT

Date: 3-2-2020

HOD-ME

Copy to

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





(Automorphous)

Electrical Home Commercial Objective:

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

TOPIC COVERED

TOPIC-1

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

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

TOPIC -2

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

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

TOPIC -3

Identification of refrigerant cylinders.

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

TOPIC -4

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

TOPIC -5

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

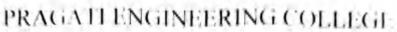
Co.ordinata

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

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

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





(Autonomous)

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STUDENTS ENROLLED

SNO	ROLL NO	NAME	SIGNATURE
1	17A31A0353	Vadaparthi Sai	Sai n
2	17A31A0368	Nunna sri Jatha	1 Sou Calba
-3	7A31A03A5	Pithani Anan I raj kumar	Amand
4	17431A03A9	Seelam Kumar venkata sai	5. Me May
5	T7A31A03B4	Velpula Sujith	V 5.14
5	17A31A03B9	Bodapati Rajanagendra	Rajanagendro
7	7A31A03C7	Ganji Ranjith kumar	G. P. nitz
8	17A31A03D3	Jagatha Praveen	Praveen
9	17A31A03D7	Kasi Salem bob	t. Salem
10	17A31A03E1	Koyyala Siva vikas	Vikas
11	17A31A03G8	Vanaparthi Naga sai sabharish	V. Naga fax
12	18A31A0355	B Sairam	B Sairam
13	18A31A0363	Geesala Sudheer	G Sudhar
24	18A31A0369	Kutchu Maniteja	Mari Tesa
15	18A31A0375	Mattaparthi Eswar rao	the state of the s
16	18A31A0378	Mummidi Mukesh ramakrishna	m. mukest
17	18A31A0383	Nunna Venkata naga sai manikanta	M Pamoard
18	18A31A03A1	Verikondi Lakshmikumar	9. Jackey
19	18A35A0321	Mogga Venkatesh	1 15-11
20	18A31A03A8	Desalanka Padma dora	Ventraler.
21	18A31A03B0	Ernagula Kiran	D. Pad ma Daya
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	B. Cara
23	18A31A03C3	Kesamsetti Saivinay	GVIJAM
24	18A31A03C7	Medisetti Satya surya markandeya swamy	- cuipat
25	18A31A03D3	Palli Arun kumar	Swany I
26	18A31A03E9	Tulasi Tilaksaisrinivas	T Sular
27	18A31A03F1	Vaidadi Suneel	T. Julasi
28	18A31A03F5	Yadla Saicharan	y. Sai Clarah



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STUDENTS ATTENDED

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



Co-ordinator



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[Ph 08852 25234-34 Website www.pragation.in.

Report On Electrical(Commercial) Expert Workshop

Date: 7-2-2020

Resource person details

NAME: P. RATSH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

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Co-ordinator

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PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
TA 278 ADB POAD, SURAMPALEM

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

(Autonomous)

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APSSDC R&AC LAB - FEEDBACK

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Litle of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date:6-2-2020

Usefulness of Topic:

Method of Delivery:

· Good Aumage Excellent

Related to Subject: 3

4 Is the Topic useful for career:

5 Suggestions if any:

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



This is to certify that Vadaparthi Sai

Bearing number APSSDC/Siemens/M/30254 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

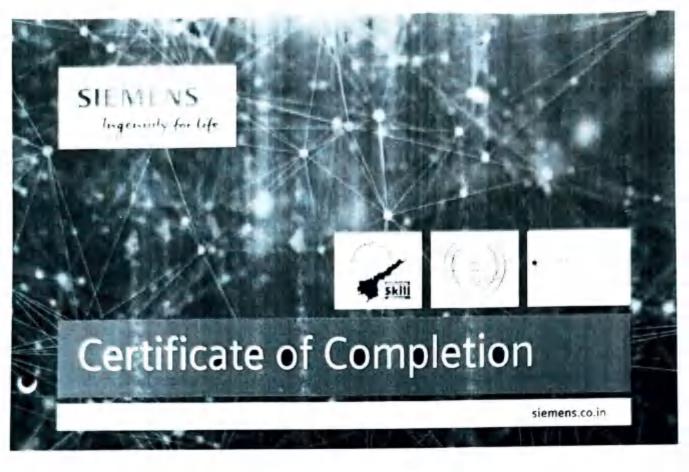
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PRINCIPAL
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This is to certify that Nunna sri latha

Bearing number APSSDC/Siemens/M/30255 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

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Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

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



(Autonomous)

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date:5-9-2019

CIRCULAR

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

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 12-9-2019

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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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Electrical Home Commercial Objective:

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

TOPIC COVI RED

TOPIC-1

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TOPIC -2

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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.

1

Co. ordinator

PRINCIPAL

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

(Autonomous)

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

1 Approxish MCTI. Proceeding Affiliated to PVII K. Kakenada, Accredited by NAM, with A. Grades (Recognised by 1 GC Under Sections 2(f) and 12 (B) of UGC act. 1976). 19: 08852 - 252233-11 Website www.pragati.ac.in

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

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

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

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



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STUDENTS ENROLLED

SNO	ROLL NO	NAME	SIGNATURE
1	17A31A0315	Sri Veera Raghaya Vara Prasad Chowdalla	Cirlible Polite M
2	17A31A0316	D.V.V.D.Kishore	tichou
3	17A31A0329	Robith Masayarapu	PONITL M
4	17A31A0355	Veera Amarendra Vasamsetti	Veba.
5	18A35A0303	Abdul Waiz Qureshi	aurel-
6	18A35A0306	Manikanta Dadala	D. Manitanto
7	18A35A0309	K.N.V.S. Sai Krishna	karither.
8	17A31A0372	Gopala Krishna Bikkina	
9	17A31A0379	Hari Krishna Goli	Br Gopel Hari Krishno G
10	17A31A0381	I S V Santosh Illuri	Muri
11	17A31A0385	Murali Kolla	t. murali
12	17A31A0387	Venkatasai Kondeti	(Condetivento
13	17A31A0392	Steephen Jeremiah Maggam	Steepher
14	18A35A0327	Durga Prasad Allavarapu	ADWIG Prova
15	18A35A0328	A. Durga Anil	AGO
16	18A35A0330	Venkata Srinivas Bathi	7. venkata svin
17	18A35A0333	Nagendra Kumar Konala	rumm
18	18A35A0334	Pavan Kumar Kondeti	1. Povar
19	18A35A0335	Ajay Tatipakala	Atau.
20	18A35A0337	V. Sai Manikanta	V. (a) pani
21	17A31A03K0	Surya Teja Karavanja	Teic
22	17A31A03K5	Venkata Hari Nadh Korla	-Hari
23	18A35A0341	Venkata Bhargav Badireddy	B. Venkata Brai
24	18A35A0344	Lokesh Sai Ram Mamidala	Lakel for R
25	18A35A0346	Ome Swamy Sangadi	3. Swany



Co-ordinator

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



(Autonomous)

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STUDENTS ATTENDED

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1	17A31A0315	9	4	8	P	P	P	
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4	17A31A0355	P	P	P	P	P	P	
5	18A35A0303	P	P	6	P	8	P	
6	18A35A0306	8	P	6	P	P	P	
7	18A35A0309	P	0	P	P	P	8	9
8	17A31A0372	P	P	P	P	P	P	
9	17A31A0379	0	P	9	P	P	P	1
10	17A31A0381	A	P	P	P	P	P	
11	17A31A0385	P	P	1	P	1	P	
12	17A31A0387	P	P	P	P	P	P	j
13	17A31A0392	P	P	P	A	P	P	1
14	18A35A0327	P	P	P	P	P	P	1
15	18A35A0328	9	P	8	P	P	P	
16	18A35A0330	P	P	P	P	P	P	
17	18A35A0333	P	P	P	P	P	P	-1
18	18A35A0334	P	P	P	P	P	P	
19	18A35A0335	P	P	P	P	P	ρ	1
20	18A35A0337	P	P	P	P	P	ρ	1 -
21	17A31A03K0	P	P	P	P	P	P	
22	17A31A03K5	9	P	P	P	P	P	
23	18A35A0341	P	P	P	P	P	P	
24	18A35A0344	P	A	P	P	P	A	
25	18A35A0346	P	P	A	P	P	P	









(Autonomous)

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

[Approx.d by AR T1. Permanentis Affiliated to INTLK, Kakmada, Accredited by NAM, with A. Grader

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

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

Report On Electrical(Commercial) Expert Workshop

Date: 22-9-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

O Scale

Co-ordinator

4

PRINCIPAL

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

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



(Autonomous)

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APSSDC R&AC LAB - FEEDBACK

Date: 21 9 2619

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

RAJISH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent

4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery:

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

Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



This is to certify that Sri Veera Raghava Vara Prasad Chowdalla

Bearing number APSSDC/Siemens/M/31321 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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

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



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

Bearing number APSSDC/Siemens/M/31322 has successfully

completed ELECTRICAL(COMMERCIAL) FOUNDATION Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

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This is an auto generated Certificate and does not require Signature

W

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



(Autonomous)

ADDI Road Scramp con 1 G Dr. A 11 1117

[Approved by Alf, H. Permaneigh, Afrikand 1 1 11 K. Kakimata, Accredited by S.A. Ar with A 1 and 1 (Recognized by 1 1) C 1 (add Scrams 20) and 1 (Bank 1 G) art. 1956.

Ph. 18852 24 244 54 Website, was preparation.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 5-9-2019

CIRCULAR

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

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 12-9-2019

PALLE HOD-ME

Copy to

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







(Autonomous).

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I Appropriate the second transfer of the Affidence of the

Electrical Home Commercial Objective:

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

TOPIC COVERED

TOPIC-1

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

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

TOPIC -2

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

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

TOPIC-3

Identification of refrigerant cylinders.

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

TOPIC -4

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

TOPIC -5

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

V

co.ordinator

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(Autonomous)

ADB Road, Strampulem 1 G Dr. AP. 533 437

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

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

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

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

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

W

Co ordinator

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



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STUDENTS ENROLLED

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



Co-ordinator

PRINCIPAL
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(AUTONOMOUS)

1-378, ADB ROAD, SURAIPALIM
Near Peadapurary, E.G., Dt. (As.)-538-457



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STUDENTS ATTENDED

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

Co-ordinator

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(Autonomous)

ADB Road Surampalem J. LD VP 11145*

(Approxed by 310 D) Permanentic Affiliated to JNTCs. Kakinada Amerikad by NAAC 116 A. Grade)

(Recognized by LDC Under Sections Officiald 17 40 (1146) act 1956)

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

Report On Electrical(Commercial) Expert Workshop

Date: 22-9-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

O Goods

Co-ordinator

D

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

APSSDC R&AC LAB - FEEDBACK

Date:21-9-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

"FLFCTRICAL(COMMERCIAL) FOUNDATION".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

Poor 1 Avoid in Future

Usefulness of Topic:

Related to Subject:

Excellent

2 Method of Delivery:

Execulent

.

3

very 4000

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Is the Topic useful for career:

YES/NO

5 Suggestions if any: -

W

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Near Paddepyram, E.G.DE. (AP) 533 437



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

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

ch Systems Limited

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

(AUTONOMOUS)

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





This is to certify that Manoj Venkata Kumar Bogadi

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

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 3-2-2020

CIRCULAR

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

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 10-2-2020

HOD - ME

Copy to

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Dept. File.

ME Notice Board

Principal for information.



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

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" Lif act lette.

Electrical Home Commercial Objective:

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

TOPIC COVERED

TOPIC-1

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TOPIC -4

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TOPIC -5

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

co.ordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

(Autonomous)

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

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

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

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



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19. 1985 2. 252222 kd. Wilhoute www.pragtation.in.

STUDENTS ENROLLED

5.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0353	Vadaparthi Sai	Sui
2	17A31A0368	Nunna sri latha	Silaura
3	17A31A03A5	Pithani Anand raj kumar	Roy Com
4	17A31A03A9	Seelam Kumar venkata sai	ventout
5	17A31A03B4	Velpula Sujith	willes.
6	17A31A03B9	Bodapati Rajanagendra	Kajaragend
7	17A31A03C7	Ganji Ranjith kumar	Lavoitte
8	17A31A03D3	Jagatha Praveen	J. Playeer
9	17A31A03D7	Kasi Salem bob	Salon (not
10	17A31A03E1	Koyyata Siva vikas	Swa Vices
11	17A31A03G8	Vanaparthi Naga sai sabharish	Said Saibhou
12	18A31A0355	B Sairam	Besalzan
13	18A31A0363	Geesala Sudheer	Endher
14	18A31A0369	Kutchu Maniteja	mant ex
15	18A31A0375	Manaparthi Eswar rao	2 Elwan
16	18A31A0378	Mummidi Mukesh ramakrishna	Kom Cu
17	18A31A0383	Nunna Venkata naga sai manikanta	Man Center
18	18A31A03A1	Verikondi Lakshmikumar	Her Carthy
19	18A35A0321	Mogga Venkatesh	Mr. Verland
20	18A31A03A8	Desalanka Padma dora	pora.
21	18A31A03B0	Ernagula Kiran	kijan.
22	18A31A03B2	Gandepalli Vishnu vardhan sri raj	Su Kay
23	18A31A03C3	Kesamsetti Saivinay	L. Sollier
24	18A31A03C7	Medisetti Satya surya markandeya swamy	Commence (
25	18A31A03D3	Palli Arun kumar	P. Armer
26	18A31A03E9	Tulasi Tilaksaisrinivas	Dues 10
27	18A31A03F1	Vaidadi Suneel	V. Sureal
28	18A31A03F5	Yadla Saicharan	odi Charle

Co-ordinator

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STUDENTS ATTANDED

S.NO	ROLL NO	1012	11/2	12/2	13/2	14/2
1	17A31A0353	A	P	P	9	P
2	17A31A0368	P	A	P	P	P
3	17A31A03A5	P	P	A	P	P
4	17A31A03A9	P	P	P	A	P
5	17A31A03B4	9	P	P	P	A
6	17A31A03B9	4	P	P	P	P
7	17A31A03C7	P	P	P	P	P
8	17A31A03D3	8	P	P	P	P
9	17A31A03D7	P	P	P	P	P
10	17A31A03E1	P	P	P	P	P
11	17A31A03G8	8	P	P	P	P
12	18A31A0355	P	8	P	P	P
13	18A31A0363	P	P	P	8	P
14	18A31A0369	A	P	P	P'	P
15	18A31A0375	A	P	P	A	P
16	18A31A0378	A	A	P	P	P
17	18A31A0383	P	P	P	A	P
18	18A31A03A1	8	A	P	P	P
19	18A35A0321	P	ρ	A	P	P
20	18A31A03A8	P	A	P	Ρ	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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1-378, ADB ROAD, SURAMPALEM
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A 198 Road. Surampalem 1 G Dt. A P = \$35.43° 1 Approved by AR 11 Permanently Affiliated to INTUK, Kakinada Accredited by NAAC with "A Grader 1Recognized by 1 Gt. Under Sections 2(f) and 12 (B) of 1 Gt. act. 1056; Ph 08852 = 252233, 34. Website www.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.

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Co-ordinator

W

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

(Autonomous)

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

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

APSSDC R&AC LAB - FEEDBACK

Date: 15-2-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: RAJESH

Title of Training Program

:"ELECTRICAL(COMMERCIAL) EXPERT".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Auwage Poor Good

Method of Delivery:

Related to Subject:

Is the Topic useful for career:

Suggestions if any:

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



This is to certify that Vadaparthi Sai

Bearing number APSSDC/Siemens/M/32178 has successfully

completed ELECTRICAL(COMMERCIAL) EXPERT Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt, Ltd

APSSDC

Design Tech Systems Limited

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1-378, ADB ROAD, SURAMPALEM

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



This is to certify that Nunna sri latha

Bearing number APSSDC/Siemens/M/32179 has successfully

completed ELECTRICAL(COMMERCIAL) EXPERT Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

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



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DI PARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date:27-8-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 3-9-2019

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



(Autonomous)

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

(Approved by AR 11 Permanently Affiliated to 15-71 K. Kakimada, Accredited by NAM, with A. Grade) (Recognized by LIGC Under Sections 2(f) and 12 (ff) of FGC act, 1966) 1% (18852 - 252231 1) Website www.pragatrac.m

Outcome of the course

After completing this course, a student will be able to

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

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STUDENTS ENROLLED

5.NO	ROLL NO	NAME.	SIGNATURE
1	18A31A0312	B.T.S Trinadh	Tomade
2	18A31A0316	Ch. Dorababu	CH. DOLABABO
3	18A31A0331	K. Sri Satish Chandra	Soush
4	18A31A0337	M. Suresh	W. ZHEAT
5	18A31A0355	Sai Ram	Saisan
6	18A31A0363	G. Sudheer	6 sidheer
7	18A31A0375	M. Eswar Rao	M. Gwo
8	18A31A0379	Satish kumar	Satist
9	18A31A0383	N Manikanta	N. Manetado
10	18A31A0392	Manikiran	maru Karan
11	18A31A0394	S. Praveen	S. Pravier
12	18A31A0397	T. Pavan	T. Pavan
13	18A31A03D3	P. Arun Kumar	p. Anuchun
14	18A31A03D5	P. Veerendra	P. veererdia
15	18A31A03D9	P. Kartheek	p. tartheet
16	18A31A03E9	Filak Sai Srinivas	T. Car
17	19A35A0332	G Devi Naga Manikanta	Manitante
18	19A35A0336	M Naga Krishna	Milaga Combo
19	19A35A0337	N Venkat	N. Venkat
20	19A35A0340	R. Vinay	R. Umay
21	19A35A0341	R Leela Satish Kumar	R.L. CONSL
22	19A35A0342	S Satish Kumar	S. Satish
23	18A31A03G4	Ch Srikar	Ch-Srikon
24	18A31A03I3	M. Veera Pradeep	m. Veura Gradel.
25	18A31A03J0	P Vara Prasad	P. varapasel

Co-ordinator

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PRINCIPAL
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(AUTONOMOUS)
1-378, ADB ROAD, SURA
Near Peddapuram, E.G.Dt. (AP)-533.437

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PRAGATI ENGINEERING COLLEGE

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STUDENTS ATTENDED

S.NO	ROLL NO	319	419	519	1019	1119	
1	18A31A0312	A	P	P	P	P	
2	18A31A0316	P	P	P	P	P	
3	18A31A0331	P	P	A	P	1	
4	18A31A0337	P	1	P	P	P	
5	18A31A0355	P	P	P	P	A	
6	18A31A0363	P	0	8	A	P	
7	18A31A0375	P	A	P	P	P	
8	18A31A0379	P	P	P	P	P	
9	18A31A0383	A	8	P	P	P	
10	18A31A0392	P	P	A	P	P	
11	18A31A0394	P	P	9	P	A	
12	18A31A0397	P	A	P	P	P	
13	18A31A03D3	P	P	P	P	6	
14	18A31A03D5	A	P	P	P	9	
15	18A31A03D9	P	P	A	P	P	
16	18A31A03E9	P	P	P	P	A	
17	19A35A0332	1	P	ρ	A	8	
18	19A35A0336	P	A	P	P	8	
19	19A35A0337	0	P	P	P	P	
20	19A35A0340	8	P	P	P	P	
21	19A35A0341	P	8	P	A	P	
22	19A35A0342	A	P	P	P	P	
23	18A31A03G4	8	9	P	P	8	
24	18A31A03I3	P	P	A	P	P	
25	18A31A03J0	P	P	P	P	A	
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PRINCIPAL
PRAGATI ENGINEERING COLLEGE
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Near Peddapuram, E.G.DL. (AP) 1833 433



(Autonomous)

(Approved by Alt 11 Permanently Affiliated to S. J. & Kakinada, Accredited by S. W. with A Grader (Recognized Sci Life Under Sections 20) and 12 (B) of Life Life 110.

19: 108852 252233 31 Website www.pragation.in

Report On Expert Foundation of Welding

Date: 12-9-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

W

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

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APSSDC WELDING LAB - FEEDBACK

Date: 11-9-2019

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Litle of Training Program

:"EXPERT WELDING".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

YES/NO

5 Suggestions if any:

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



This is to certify that B.T.S Trinadh

Bearing number APSSDC/Siemens/M/16891 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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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

Siemens Industry Software India Pvt. Ltd

APSSDC

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126–12852 252231-34 Website www.pragan.ac.m.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 18-2-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 25-2-2020

HOD - ME

Copy to

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



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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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Co.ordinata

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

(Autonomous)

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

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

Outcome of the course

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

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

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Co.ordinator

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STUDENTS ENROLLED

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

Co-ordinator



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STUDENTS ATTENDED

S.NO	ROLL NO	26/2	26/2	2712	213	313	
1	18A31A0310	A	P	P	. (7	
2	18A31A0330	P	A	0	1	8	-
3	18A31A0338	8	P	À	P	P	
4	18A31A0345	1	P	P	A	P	
5	18A31A0347	P	P	P	8	A	
.6	18A31A0348	P	P	P	P	P	
7	18A31A0359	0	P	A	P	P	
8	18A31A0360	P	P	8	0	8	
9	18A31A0368	A	P	P	P	0	-
10	18A31A0378	P	P	P	P	0	
11	18A31A0381	P	P	P	A	P	
12	18A31A0386	P	P	P	P	P	
13	18A31A0388	0	P	8	P	P	
14	18A31A03A6	P	P	A	P	D	
15	18A31A03B1	0	P	P	P	8	
16	18A31A03C4	P	A	0	P	A	
17	18A31A03C7	P	P	P	1 8	1	
18	18A31A03D2	P	1	P	P	P	
19	18A31A03D4	P	P	1	P	9	
20	19A35A0348	A	P	P	D	P	

MO Co-ordinator

1

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



(Autonomous)

1. Approved by Mr. 11. Personnelly. Affiliated to 1811 s. in London Accredited by NASC with A Conductive Comment by Ltd. Under Sections in and 17 (B) of 1767 act 1986s.

19. 1988 2 25223 34 Web-3c www.pragatiac.m.

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

W

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(AUTONOMOUS)

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



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APSSDC WELDING LAB - FEEDBACK

Date: 3-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKI-SII

Title of Training Program

"EXPERT WELDING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any:

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



This is to certify that Nama Nagababu

Bearing number APSSDC/Siemens/M/75918 has successfully

completed EXPERT WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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PRINCEPAL COMPANDED IN 1-378, ADB ROAD, SURAMPALE.
Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that Patnala Guna Sagar

Bearing number APSSDC/Siemens/M/75919 has successfully

completed EXPERT WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

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1 Recognized by 4 Gd. Under Sections 2(D and 2) GU of DGC act. 1946()
Ph. 1085 2 252233 34. Website www.plagati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 19-8-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 26-8-2019

HOD-ME

Copy to

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

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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 134



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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co. ordinates

PRAGATI ENGINEERING COLLEGE

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

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Outcome of the course

After completing this course, a student will be able to

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

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Co.ordinata

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(AUTONOMOUS)
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STUDENTS ENROLLED

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



Co-ordinator

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(AUTONOMOUS)

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



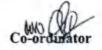
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STUDENTS ATTENDED

5.50	ROLL NO	26/8	27/8	28/8	29/8	30/8	
1	18A31A0312	P	P	8	6	P	
7	18A31A0316	P	P	P	P	P	
3	18A31A0331	P	P	(P)	9	P	
4	18A31A0337	P	P	P	8	P	
5	18A31A0355	P	P	P	P	P	
6	18A3TA0363	P	P	A	6	P	
7	18A31A0375	P	A	P	9	8	
8	18A31A0379	P	P	P	P	P	
9	18A31A0383	P	P	8	P	0	
10	18A31A0392	P	è	è	A	P	
41	18A31A0394	9	è	P	P	D	
12	18A31A0397	A	P	P	P	D	
13	18A31A03D3	P	P	0	0	P	
14	18A31A03D5	P	P	P	8	6	
15	18A31A03D9	P	P	0	A	P 1	
16	18A31A03E9	9	9	P	P	P	
17	19A35A0332	P	9	0	3	P	
18	19A35A0336	P	P	8	P	P	
19	19A35A0337	P	P	P	0	8	
20	19A35A0340	P	P	8	ò	P	
21	19A35A0341	P	P	P	o	P	
22	19A35A0342	P	P	8	0	P	
23	18A31A03G4	P	P	D	P	P	
24	18A31A03I3	P	P	D	P	P	
25	18A31A03J0	P	P	P	4	ρ.	









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Report On Basic Foundation of Welding

Date: 3-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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PRAGATI ENGINEERING COLL.

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* TRoad Summpales 14 On A.P. -(14) r Approved by Alf 11. Personal on Affiliated to IN. A. Kakmada, According to 2-1 Account. A. Grade. (Recognized to 1 fet 1 index Section 1) trand 12 (Ricci Lin Li) (Mon-19, 1985) 252233 31 Website www.przestiw.co.

APSSDC WELDING LAB - FEEDBACK

Date:31-8-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Ijood Ijood Excellent

3

Related to Subject:

4

Is the Topic useful for career:

5

Suggestions if any:

YES/NO Joog

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



This is to certify that M. Eswar Rao

Bearing number APSSDC/Siemens/M/16531 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures



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



This is to certify that Satish kumar

Bearing number APSSDC/Siemens/M/16532 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date: 12-9-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 19-9-2019

Copy to

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



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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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Outcome of the course

After completing this course, a student will be able to

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

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STUDENTS ENROLLED

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

Co-ordinator

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) Peddepurant, E.G.Dt. (AP)-533 437

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STUDENTS ATTENDED	SIL	DE V	15	ATT	ENDE	D
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6	18A31A03C5	9	A	8	8	P		
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8	18A31A0301	P	8	8	P	P		
4	18A31A03D2	P	. 6	P	P	8		
10	18A31A03E0	A	P	P	6	P		
4.0	18A31A03E2	P	P	A	8	P		
12	18431A03F6	8	9	P	8	8		
13	19A35A0339	8	P	P	P	P		
14	18A31A03I4	P	8	P	P	P		
15	18A31A03J6	P	P	P	8	P		
16	18A31A03G3	P	P	P	P	P		
17	18A31A03G6	8	P	P	6.	P		
18	18A31A03H2	P	P	P	0	9		
19	18.\31A03J8	8	P	P	P	P		
20	18A31A03G9	8	P	P	è	9		
21	18A31A03K5	1	P	P	8	P		
22	19A35A0345	P	P	P	P	A		
23	19A35A0350	2	P	P	P	P		
24	19A35A0352	P	8	P	P	P		
25	19A35A0355	P	P	P	P	P		

Co-ordinator

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252213 34 Website www.pragatisk.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. IIG welding, MIG welding. The expert also discussed the techniques of ARC. TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC. TIG. and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 25 no of students participated in this work shop.

Co-ordinator

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1-378, ADB ROAD, SURAMPALEM
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APSSDC WELDING LAB - FEEDBACK

Date: 25-9-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

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

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Annage Exercent I good

Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

Suggestions if any:

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



This is to certify that Katta Praveen Srinivas

Bearing number APSSDC/Siemens/M/17316 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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

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





This is to certify that Kothapalli Shekhar

Bearing number APSSDC/Siemens/M/17317 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

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



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1 Approved by ARTH Permanently Affiliated to INTH K Kakingshi, So, redited by N. V. with A Gradet 1Recognized by 1 GC Under Sections 2(Grand 1) Undel GC agr 19566

12 198852 252233 34 Website www.pragatiac.in

DEPARTMENT OF MECHANICAL LINGINGERING

Surampalem. Date:25-11-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 2-12-2019

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Copy to

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

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

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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1-378, ADB ROAD, SURAMPALEM

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

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Outcome of the course

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

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

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



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17: 1881 - 1877 | 1 Website view plagation in

STUDENTS ENROLLED

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

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STUDENTS ATTENDED

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1	18A31A0313	9	P	P	8	P			
2	18A31A0314	8	P	9	9	P			
3	18A31A0326	P	P	P	P	P			
4	18A31A0333	P	8	P	P	8			
5	18A31A0334	6	P	P	P	P			
6	18A31A0335	0	P	P	P	P			-
7	18A31A0374	6	A	P	P	P			
8	18A31A0384	8	8	P	P	P		4	
9	18A31A0387	P	P	P	P	8			
10	19A35A0323	A	P	P	P	P			
11	18A31A03B8	P	P	P	P	P			
12	18A31A03D0	9	8	P	0	P			
13	18A31A03E3	P	8	P	P	P			
14	18A31A03E7	P	0	A	P	P			
15	18A31A03F3	P	P	P	P				
16	19A35A0330	P	8	6	P	P			
17	19A35A0334	P	P	P	P	P			
18	19A35A0338	P	C	P	A	P			
19	18A31A03H3	P	P	P	P	P			
20	18A31A03I7	P	P	8	P	P			
21	18A31A0319	P	P	0	P	P			
22	18A31A03J3	P	P	P	8	P			
23	18A31A03J4	P	P	P	P	A	· .	~	
24	18A31A03K1	P	P	P	P	P.		-	

Co-ordinator



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



(Autonomous)

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Report On Basic Foundation of Welding

Date: 10-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

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APSSDC WELDING LAB - FEEDBACK

Date: 9-12-2019

DEPARTMENT

. Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Very good

2 Method of Delivery: 900 d

3

Related to Subject:

Excerent

Is the Topic useful for career:

5

Suggestions if any:



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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.

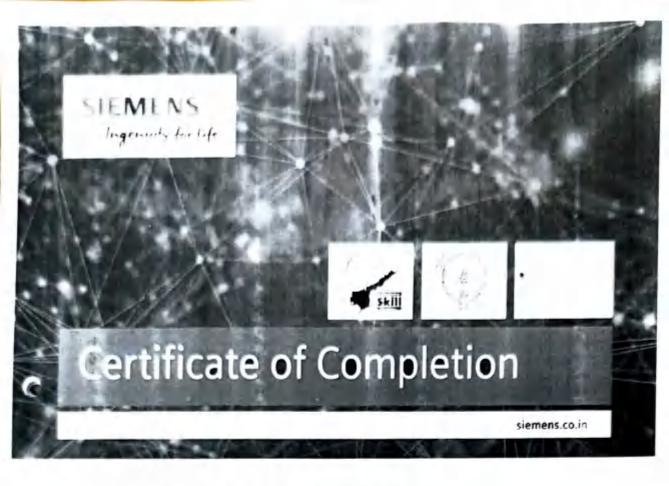
APSSDC

Design Tedh Systems Limited

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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

Siemens industry Software India Pvt. Ltd.

APSSDC

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date 10-12-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 17-12-2019

Copy to

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

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

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

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1% 198857 2-1271 34 Website www pranalists 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-I

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co.ordinata

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(AUTONOMOUS)

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Outcome of the course

After completing this course, a student will be able to

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

Co-adirata

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

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
- 1	18A31A0318	Dhulipudi Apparao	D. Appapas
2	18A31A0321	Nandababu Gundra	Wanda Babu
3	18A31A0327	libe Akshaya Kumar	I Neshaya
4	18A31A0332	Kurasa Manikya Chakradhar	Chakradhar
5	19A35A0314	Vemavarapu Sandeep	Vi Sardeep
6	18A31A0361	Dinidi Naga Prashanth	D. Trasa. He
7	19A35A0315	Akumarthi Niranjan	Nivanjan
8	19A35A0316	Allu Subramanyam	A. Subbu
9	19A35A0317	Chirra Yuvaraj Prasad	On Yuman
10	19A35A0322	Kaduluri Joseph	Jan
11	19A35A0326	Perelli Satish Kumar	P. Balan
12	18A31A03A5	Anugula Sumanth	Smann
13	18A31A03B3	Golla Datta Veera Manoj	Go. Many
14	18A31A03B5	Gunnam Akhil	G. ACLY 1
15	18A31A03C9	Nakanaboina Uma Srinivasu	8mm
16	18A31A03E1	Shaik S J Hussain Kareemulla Sha Khadari	Humasen
17	18A31A03F4	Yellaboina Venkata Sai Sri Harsha	Name
18	18A31A03F9	Akkireddi Madhu	A-Madhe
19	18A31A03G1	Balagam Nirosh Varma	B. work
20	18A31A03G8	Gampala Pavan Satya Kumar	Salygume
21	18A31A03I6	Nakka Chakravarthi	N. Eliastraignes
22	18A31A03K2	Vasa Mohan Kumar	Mohan Kyman
23	18A31A03K7	Siva Shankar Kumar Swamy Neela	N. Qua shale
24	19A35A0351	Mummina Devi Vara Prasad	Varapraised

Co-ordinator

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PRAGATI ENGINEERING COLL

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



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

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



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Report On Basic Foundation of Welding

Date: 26-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date:24-12-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent

4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery:

Annage Annage Uny good

3 Related to Subject:

4 Is the Topic useful for career:

5 Suggestions if any:

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-5



This is to certify that Ithe Akshaya Kumar

Bearing number APSSDC/Siemens/M/18213 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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This is to certify that Kurasa Manikya Chakradhar

Bearing number APSSDC/Siemens/M/18214 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

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Medium Art 56. 11 Under Sections 31 and 12 (B) of 1.68 act. (956)

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:20-12-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 27-12-2019

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Copy to

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

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

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Objective of the course

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

Lopic Covered

TOPIC-I

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

TOPIC-2

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

TOPIC-3

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

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. ordination

PRAGATI ENGINEERING COLLEGE

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





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

Ph. 1985; 2.552231, 34 Western www.pragation.com

Outcome of the course

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

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

Co.ordinator

PRAGATI ENGINEERING COLLEGE

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STUDENTS ENROLLED

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

Co-ordinator

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PRINCIPAL PRAGATI ENGINEERING COLLEGE

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



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STUDENTS ATTENDED

S.NO	ROLL NO	solis	30/12	31/12	211	112
1	18A31A0310	Δ	P	P	P	1
2	18A31A0319	P	A	P	P	P
2	18A31A0336	8	P	A	P	P
4	18A31A0339	P	0	P	P	P
5	18A31A0350	P	P	9	A	P
6	19A35A0307	. P	P	P	P	D
7	18A31A0357	P	6	P	9	A
8	18A31A0370	P	A	P	C	0
9	18A31A0390	P	P	0	0	P
10	18A31A0395	P	P	P	P	P
11	18A31A0396	8	8	A	P	P
12	18A31A03A0	P	P	P	P	P
13	18A31A03C4	P	A	P	P	P
14	18A31A03C8	P	P	0	A	P
15	18A31A03D7	P	P	A	P	P
16	18A31A03E4	P	P	P	9	P
17	18A31A03E6	P	P	P	P	A
18	18A31A03F1	AI	P	P	P	P
19	19A35A0329	P	P	A	P	P
20	19A35A0331	P	P	P	A	Þ

Co-ordinator

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM
NEAR Peddapuram, E.G.Dt. (AP)-533-432



(Autonomous)

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

Report On Basic Foundation of Welding

Date: 4-1-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

DIPARIMENT

: Mechanical I ngineering

ACADI MIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Date:3-1-2020

Usefulness of Topic:

Very good Very good Good

7 Method of Delivery:

Related to Subject:

Is the Topic useful for career:

5 Suggestions if any:

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



This is to certify that Mummidi Veera Venkata Sai Akhil

Bearing number APSSDC/Siemens/M/19127 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

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(AUTONOMOUS)

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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

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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(AUTONOMOUS)

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



(Autonomous)

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

Approved by A.E. Permanenth Africand no Police K. Rakonada, Associated by SAAC with A Cambon Recommend by L.E. Lad Lander Sections 2(Panel 12.4Ricolated as a 1986)

Ph. 08852 252247. 14 Website www.pragation.com

DEPARTMENT OF MECHANICAL ENGINFERING

Surampalem. Date: 28-1-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 4-2-2020

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Copy to

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

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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PRINCIPAL

PRAGATI ENGINEERING COLLEG (AUTONOMOUS)

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



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Outcome of the course

After completing this course, a student will be able to

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

co.ordinator

W

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



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-38 Read Assessment - 30 333 41

(Recommend to the first section of the section of t

STUDENTS ENROLLED

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

Co-ordinator

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PRAGATI ENGINEERING COLLECTION (
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1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Ob. (AP):533 437



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STUDENTS ATTENDED

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

Co-ordinator

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PRINCIPAL
PRAGATI ENGINEERING COLLT
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALL
Neat Peddapuram, E.G.Dt. (AP)-533-432



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th tiggs? 25:511 11 Website www pragation the

Report On Basic Foundation of Welding

Date: 12-2-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

Approved by Vil

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

W

PRINCIPAL

PRAGATI ENGINEERING COLL.

(AUTONOMOUS)

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

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APSSDC WELDING LAB - FEEDBACK

Date:11-2-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

1

Usefulness of Topic:

2

Method of Delivery:

Annage Very good Good

3

Related to Subject:

Is the Topic useful for career: VYES/NO

5

Suggestions if any:

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



This is to certify that Allam Satish Kumar

Bearing number APSSDC/Siemens/M/21001 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Fech Systems Limited

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

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



This is to certify that Garapati Satya Sai

Bearing number APSSDC/Siemens/M/21002 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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

PRAGATI ENGINEERING CC!

1-378, ADB ROAD, SUR! Near Peddapuram, E.G.Dt. (AP)-333 43/

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(Approved by AR 11 Permanently Affiliated to INTUK Kakmada Accredited by NAM with A Caraler
- Recognized by UGC Under Sections 2(f) and 12 (Rund 1 Gr. a.). 1956)

Ph. 08852 = 252233-34. Website www.pragati.ac.iii.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:10-2-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 17-2-2020

Problem HOD-ME

Copy to

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

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PRINCIPAL
PRAGATI ENGINEERING COLLEGE
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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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TOPIC-5

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

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

Outcome of the course

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

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

Co.ordinator

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PRINCIPAL 7
PRAGATI ENGINEERING COLLF.

(AUTONOMOUS)

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



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1Recording d. S. 13.4. Under Sections 2(1) and 12 (Blad 13.6. are 1926).

19. note: 252233-14 Website www.pragateac.or

STUDENTS ENROLLED

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

Co-ordinator

PRINCIPAL PRAGATI ENGINEERING CO (AUTONOMOUS)

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

STUDENTS ATTENDED

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

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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



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Ph 19852 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

W

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



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

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APSSDC WELDING LAB - FEEDBACK

Date:6-3-2020

DEPARTMENT

Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: 1

Excellent

Method of Delivery: 2

Excellent

Related to Subject: 3

Good

Is the Topic useful for career: 4

LYES/NO

Suggestions if any: 5

PRAGATI ENGINEERING COLL (AUTONOMOUS) 1-378, ADB ROAD, SURAMPALE

Peddapuram, E.G.Ot. (AP):533 43



This is to certify that Gorsipudi Naveen

Bearing number APSSDC/Siemens/M/21125 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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



PRAGATI ENGINEERING (AUTONOMOUS)
1-378, ADB ROAD, SURAMI
Near Peddapuram, E.G.Dt. (AP)->>> +3/



This is to certify that Mallidi Sai Venkata Srinivasa Reddy

Bearing number APSSDC/Siemens/M/21126 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require ENGINEERING C. # 1-378, ADB ROAD, SURAMI.

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



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

[Ph. 08853 252233 31 Website www.pragamac.in.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:2-3-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 9-3-2020

HOD-ME

Copy to

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



PRINCIPAL PRINCIPAL PRAGATI ENGINEERING CC (NITONOMOUS)

(Autonomous)

Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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TOPIC-5

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

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



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

(Recognized by CO. Under Sections 2(D) and 12 (B) of LOCalcated by NAAC with A. Grade)

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

Outcome of the course

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

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

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

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME.	SIGNATURE.
I	18A31A0315	Chitturi Thiruvenkatesh	ch Thiru
2	18A31A0320	Edupuganti Pooma Sai	
3	18A31A0328	Jalli Satishcharan	5-satish
4	18A31A0306	Mudunuri Bhavana Sri	M. Bhavara SM
5	19A35A0302	Palika Geetha Sri	P. Freeto ST:
6	19A35A0303	Thotakura Meghana	T. meghara
7	18A31A0358	Chellubani Naveen	- Girci
8	19A35A0318	Chitturi Chakravarthi	CL. Chakraviti
9	18A31A0362	Ganji Sri Ram Prasad	G.S.R. Projed
10	18A31A0367	Kothapalli Dileep Kumar	Dileep
11	18A31A0377	Mohammed Nawaz Shariff	M. Nawaz
12	18A31A03B0	Emagula Kiran	E booker
13	18A31A03B7	Juttiga Durga Vara Prasad	J. Durga Val- grafas
14	18A31A03B9	Kaki Srinivas Trigun	K. Tsugue
15	18A31A03C3	Kesamsetti Saivinay	K. Sai Vinay
16	18A31A03C6	Majji Venkata Swaroop	m. Venkt surroll
17	18A31A03D6	Palepu Jagadeeshvarma	P.J. Usma
18	18A31A03F2	Vanka Sri Surya Satya Sumanth	Sumant
19	18A31A03F5	Yadla Saicharan	y Sai Cheran





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STUDENTS ATTENDED

S.NO	ROLL NO	913	10/3	1113	16/3	1013
1	18A31A0315	A	f	P	8	P
2	18A31A0320	P	A	P	P	P
3	18A31A0328	P	1	P	A	P
4	18A31A0306	P	1	P	1	P
5	19A35A0302	Δ	9	P	P	P
6	19A35A0303	P	P	P	P	P
7	18A31A0358	P	P	A	P	P
8	19A35A0318	P	0	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	0	P
15	18A31A03C3	P	P	P	A	P
16	18A31A03C6	P	P	P	P	P
17	18A31A03D6	A	P	P	0	P
18	18A31A03F2	P	P	P	P	P
19	18A31A03F5	P	P	P	P	P

Co-ordinator



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



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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

Co-ordinator

W

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



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(Recognized by UGC Under Sections 2rt) and 12 (B) of UGC and a Secth 19852 252231 14 Website www.pragatiae.m.

APSSDC WELDING LAB - FEEDBACK

Date: 17-3-2020

DEPARTMENT

: Mechanical Engineering

ACADEMIC YI-AR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program "BASIC FOUNDATION OF WELDING".

Date / Venue

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

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Method of Delivery: 2

3 Related to Subject:

Is the Topic useful for career:

Suggestions if any:

PRAGATI ENGINEERING COLLEGE AUTONOMOUS)

ADB ROAD, SURAMPALEM



This is to certify that Palika Geetha Sri

Bearing number APSSDC/Siemens/M/21255 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

W

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



This is to certify that Thotakura Meghana

Bearing number APSSDC/Siemens/M/21256 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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



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VDB Road Strampalem 1 (1415 AP 533 437

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date 31-5-2019

CIRCULAR

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

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 7/6/2019

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Copy to

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



PRINCIPAL 7
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Near Peddapuram, E.G.Dt. (AP)-533 437



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

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

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

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

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

Objective of the course

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

Topic Covered

LEVEL A (CATIA DELMIA SIMULIA)

Week 1

CATIA 15 Fundamentals

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

The following points were highlighted

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

Week 2

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

In the sketcher module the following points were highlighted

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

Sufficient time is given for the students to practice

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

The following points were highlighted

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

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

Sufficient time is given for the students to practice

Week 3

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

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

Sufficient time is given for the students to practice

Week 4

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

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

Sufficient time is given for the students to practice

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

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

Sufficient time is given for the students to practice

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PRAGATI ENGINEERING COLLEGE
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Outcome of the course

Student will be able to

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

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STUDENTS ENROLLED

No.	Name	Roll No	Signature
40	KONA ANIL	16A31A0379	Anil.
2	MUTTAREDDI RAMAKRISHNA	17A35A0338	2
3	kodun Sn Revanth Satya	16A31A03E5	Bolyas
4	SAI CHARAN ADABALA	16A31A03B7	Charger .
5	GONNABATHULA SAI DURGA PRASAD	16A31A03D6	Durge Praga
6	THAVITIKI SEKHAR	17A35A0344	Sekhar.
7	KANTIPAMULA NARESH	16A31A03E3	Name
8	NAGIREDDI VASUMUNI	16A31A03F7	Vasuum
9	A CH K D PRASAD	17A35A0305	Presed.
10	VINEETH PADAMATA	17A35A0339	PI
11	ADITYA BHAMIDIPATI	16A31A0306	Adity
12	V.PRAVEENA RAJU	17A35A0314	Ram
13	VEGI ESWAR SAI KUMAR	16A31A0353	ESWAY.
14	DHULIPUDI GOVINDARAJU	16A31A0315	Govindara
15	PERURI RAVITEJA	17A35A0312	Royles
16	Y P V SAI SANDEEP	16A31A0355	Sander
17	CHIKKAM DURGA PRASAD	17A35A0308	Duya Pres
18	CHELLURI VENKAT	17A35A0307	Venkat
19	BONDA SWAMY	17A35A0302	0
20	KATTOJI RAJU	16A31A0377	Rainy.
21	KUDIPUDI V V SATYANARAYANA	16A31A03E9	Raju
22	EDUPUGANTI POORNA SAI	18A31A0320	Satya'
23	JALLI SATISHCHARAN	18A31A0328	Rooma Sa
24	PAPPULA SASHENDRA SRINIVAS BASWANTH	18A31A0344	Jatish.



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Ph. 1884 2 (2002) 34 Website from pragation in

STUDENTS ATTENDED

5.50	Roll No	716	tull	2/10	28/6	212
1	16A31A0379	P	P	P	0	0
2	17A35A0338	P	A	P	0	10
3	16A31A03E5	A		A	0	6
4	16A31A03B7	P	P	P	8	1
5	16A31A03D6	9	0	'Q	A	0
6	17A35A0344	P	0	P	0	0
7	16A31A03E3	P	0	0	D	A
8	16A31A03F7	6	A	0	D	0
9	17A35A0305	1	0	0	D	0
10	17A35A0339	P	0	0	6	6
11	16A31A0306	A	0	P	0	0
12	17A35A0314	P	D	A	0	8
13	16A31A0353	P	0	0	0	8
14	16A31A0315	P	0	8		A
15	17A35A0312	P	0	6	1	D
16	16A31A0355	P	0	-6	ò	6
17	17A35A0308	P	A	D	0	0
18	17A35A0307	P	P	0	0	6
19	17A35A0302	P	0	6	0	0
50	16A31A0377	A	0	0	0	-
21	16A31A03E9	8	0	0	0	P
22	18A31A0320	0	P	A	6	0
23	18A31A0328	P	8	P	0	6
24	18A31A0344	P	P	0	0	1

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

Date: 4-7-2019

Resource person details

Name: SILL ALAM

Designation APSSDC TRAINER

Contact details:

Phone no: 7205427699



During practice session of Fillet features



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



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Ph. 188 - 1. 252233, 34 Website www.pragation.ml

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

Co-ordinator

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



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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

Date:3-7-2019

DEPARTMENT

: Mechanical Engineering

\CADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

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

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good 3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

2 Method of Delivery: Average Excellent

3 Related to Subject:

Is the Topic useful for career: XES/NO.

5 Suggestions if any:

Andhra Pradesh State Skill Development Corporation



3 ROWARD The SDEXPERIENCE Company CERTIFICATE

OF INTERNSHIP

certifies that	MUTTAREDDI RAMAKRISHNA	
am	Pragati Engineering College	
os successfully completed the re	equirements for Catia Delmia & Simul	
neld from 07-06-2019 to 0	3-07-2019 and is entitled to receive the recog	
pestowed awarded on04-07-2	2010	The state of the s
Crycle Francisco	Ct.	PRINCIPAL PRAGATI ENGINEERING COLLES (AUTONOMOUS) (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM FGOD (AP)-533 4

Srl T Anii Kumar Executive Director

APSSDC

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

Dr. Sribanth Aria, IRTS

MOLCEO APSSOC.



Andhra Pradesh State Skill Development Corporation



CERTIFICATE

TO BURNING I THE SDEXPERIENCE COMPANY

OF INTERNSHIP

This certifies that	koduri Sri Revanth Satya						
from	Praga	ti Engineering Co	ollege				
has successfully comp	leted the requirements fo	or Catia	a Delmia & Simulia				
held from07-06-201	9 to <u>03-07-2019</u> an	d is entitled to re	receive the recognition and benefits so				
bestowed awarded o	04-07-2019		SOING COLLEGE				
Dr. Row Cadado	9	Sri T Anill Kurnar Executive Director APSSOC	# 1-378, ADB-ROADT BURAMPATEM Near Peddapurally, Smhooth Aria, IRTS				
			APSSOC				



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Albit Road Surampalem 2 L.Dr. A.P.

(Approved by A.) T. Permanents, Altiforned to J. F. K. Kakimada, A. redited by NAAC water A. Combe-Recognized by J. G. J. index Sections, 2(1) and 12 (1) 11 F. F. act. 1956). Ph. 08852 | 252233-34. Mebsite, www.pragate.ecm.

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:1/7/2019

CIRCULAR

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

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 8/7/2019

HOD-ME

Copy to

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

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



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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

Objective of the course

Topic Covered

LEVEL A (CATIA DELMIA SIMULIA)

Week 1

CATIA 15 Fundamentals.

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

The following points were highlighted:

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

Week 2

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

In the sketcher module the following points were highlighted

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

Excercises-10 No's

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co. ordinator

Sufficient time is given for the students to practice

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

The following points were highlighted

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

PRAGATI ENGINEERING COLLEGE



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

Sufficient time is given for the students to practice

Week 3

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

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

Sufficient time is given for the students to practice

Week 4

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

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

Sufficient time is given for the students to practice

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

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

Sufficient time is given for the students to practice

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



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(Approved by Alt 11. Permanently Affiliated to EV1) is Kakinada. Accredited by NAAC with A. Grades. (Recognized by UCit. Under Sections 7(t) and 12 (B) of UCit. 1st. 1956). Ph. 08852 252231.34. Website www.pragatt.ac.in.

Outcome of the course

Student will be able to

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

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PRAGATI ENGINEERING COLLEGE

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

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STUDENTS ENROLLED

1.10	Name	Roll Na	Signature
1	Donda satish kumar	16A31A0311	Satush
4-	NANDIKOLLA MADHU S SURYA GANGA PAVAN KUMAR	16A31A03K9	The second second
+	CHAITANYA VISHAL PUDI	16A31A03L5	Chividhel P
4	CHOKKA YESU PADAM	16A31A0315	Yesupadam.
5	SARELLA ANII	16A31A03M1	3. Anil
6	V ESWARA VENKATESH	16A31A03M5	V ESWAY
7	PAD RAJU PUTTA	16A31A03A3	Rodram
8	TANETI PRAJITH SUNDAR	17A35A0329	T-Prajer.
9	GOLLA SIVA GANESH	16A31A0372	h-Siva Forge
10	BADIGANTI BALAJI	16A31A0365	Balan,
11	MARADANA BHARATH KUMAR	16A31A0385	MBhorate
12	KODURI VEERABABU	16A31A0378	K. veoraboby
13	BATHULA SANTOSH KUMAR	16A31A0366	Santi
14	KUKKALA VIDYA SAGAR	16A31A0380	Vilya Sagar
15	U KALYAN KUMAR	16A31A03B1	Lamon
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17	MAGAPU SANTHOSH	16A31A03K4	Santhash
18	DADI SIVA SATISH	16A31A0316	Satish
19	PUTTA SANDEEP CHOWDARY	16A31A03L6	-8.
20	JAMI.BRAHMESWARA RAO	16A31A03J3	Brien
21	PASALA SAI SANDEEP	16A31A03L0	Sai Sandeip
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23	RATNALA BHARAT KUMAR	16A31A03L7	Bland
	M.R. KRISHNA VAMSI	16A31A03K7	Varin
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33	PALATI CHARAN TEJA	18A31A03K1	Nave
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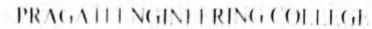
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STUDENTS ATTENDED

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25	16A31A0308	9	P	0	A	0
26	16A31A0323	0	P	0	P	P
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33	16A31A03L2	P	P	P		P
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35	16A31A0370	P	8	-	P	P
36	16A31A0330	P	P	P	-	1
37	17A35A0319	P	P	P	P	A
38	18A31A03F7	P	R	P	P	6
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Report On LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP

Date: 3-8-2019

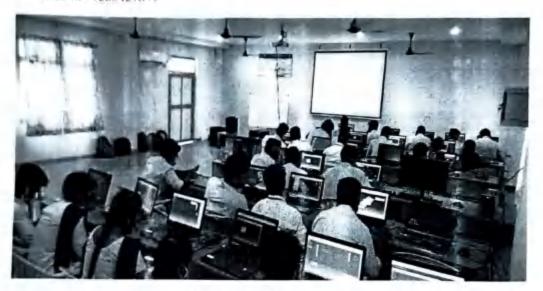
Resource person details

Name SILL ALAM

Designation APSSDC TRAINTR

Contact details:

Phone no 7205427699



During explanation of Create surfaces



During Practice session of Assembly Workbench and Too bary

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Co-ordinator

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

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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

Date: 2-8-2019

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

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

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

Usefulness of Topic:

Method of Delivery: 2

Ijood Arwage Excellent

Related to Subject:

Is the Topic useful for career:

Suggestions if any:

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



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



Andhira Pradesh State Skill Development Corporation





CERTIFICATE

OF COMPLETION

This certifies that	PUTTA SANDEEP CHOWDARY						
from	Pragati Engineering College						
has successfully compl	eted the requirements for Catia, Delmia & Simulia						
held from08-07-2019	to 02-08-2019 and is entitled to receive the recognition and extension of personal solution o						
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Dr. Snikonth Arjo, IRTS MD & CEO



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19, 108852 252231 14 Website www.praeatras.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem. Date:28-1-2020

CIRCULAR

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

Venue: DASSAULT 3D EXPERIENCE LAB MECHANICAL DEPARTMENT

Date: 4/2/2020

HOD ME

Copy to

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

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

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Objective of the course

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

Topic Covered

LEVEL A (CATIA.DELMIA, SIMULIA)

Week 1

CATIA 15 Fundamentals.

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

The following points were highlighted:

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

Week 2

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

In the sketcher module the following points were highlighted

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

Sufficient time is given for the students to practice

Co. ordinator

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

The following points were highlighted

PRAGATI ENGINEERING COLLEGE

Create and modify sketch based features Perform Boolean operations such as Trim/Quick Trim Near Peddapuram, E.G.Dt. (AP)-532 437

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[the DNAS 20 252213 13 Before www pragation or

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

Sufficient time is given for the students to practice

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

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Outcome of the course

Student will be able to

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

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Conordinata

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PRAGATI ENGINEERING COLLEGE

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STUDENTS ENROLLED

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2	K.SAI MANIKANTA	17A31A0321	Marie
3	R.ACHYUTHA SRI SAI	17A31A0341	Activethe
4	V.VEERA AMARENDRA	17A31A0355	Amaran
5	D.RAMYA SUDHA	17A31A0358	Gude
6	M.SHAHEEN	17A31A0362	Inhey
7	N.SRI AKHILA AMRUTHA	17A31A0364	Omrutho
8	R.PRIYA CHANDINI	17A31A0367	R. Priya
9	CHJITENDHRA SAI RAJA	17A31A0373	Par Rajo
10	G.VENKAT SANDEEP	17A31A0378	Sand 20)
11	A.ANUDEEP	17A31A0386	Audies
12	M.AKHIL YUVARAJ	17A31A0393	m. akhi)
13	S.V.S.M.RAVINDHRA	17A31A03F8	2
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16	K.V.HARINADH	17A31A03K5	PL.
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19	G.RAMA GANESH	18A35A0307	Ganesh
20	M.L.N.MURTHY	18A35A0310	Much
21	P.SAI VAMSI	18A35A0313	Sarvani
22	N.SUMANTH	18A35A0322	N-Suma
23	A.DURGA PRASAD	18A35A0327	
24	B.LAKSHMAN NAGA DURGA	18A35A0329	B. GISL
25	V.MOHAN SIVA NAVEEN	1011011111	M.L.
26	A.MAHESH	18A35A0340	1000
27	S.OME SWAMY	18A35A0346	Mahere
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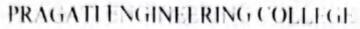
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5	17A31A0358	P	p	P	P
6	17A31A0362	0	P	A	P
7	17A31A0364	0	P	1	P
8	17A31A0367	0	P	P	P
9	17A31A0373	P	P	p	A
10	17A31A0378	P	P	þ	8
11	17A31A0386	P	A	9	0
12	17A31A0393	P	P	P	P
13	17A31A03F8	P	P	9	P
14	17A31A03H7	P	9	P	P
15	17A31A03J5	A	P	P	0
16	17A31A03K5	P	P	P	P
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18	18A35A0304	P	P	A	P
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20	18A35A0310	0	P	8	P
21	18A35A0313	P	P	P	P
22	18A35A0322	P	0	P	A
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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SUPAMPALEM

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





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

Date: 24-2-2020

Resource person details

Name: SIFE ALAM

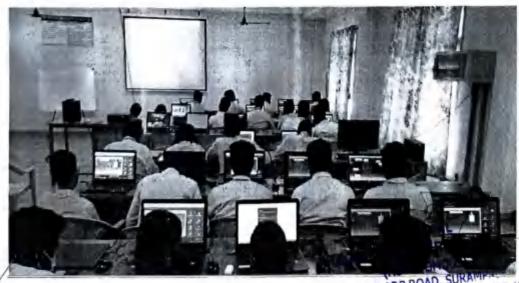
Designation: APSSDC TRAINER

Contact details:

Phone no: 7205427699



During explanation of Part Design



During explanation of Operation tool bar, Sketch topendapurem; Family (AP)-533 437



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

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

Co-ordinator

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



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APSSDC DASSAULT 3DEXPERIENCE LAB FEEDBACK

DEPARTMENT

: Mechanical Engineering

Date: 23-2-2019

ACADEMIC YEAR

2019-2020

Name of the speaker

: SIFE ALAM

Title of Training Program

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

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

Is the Topic useful for career: \YPS/NO

Suggestions if any:

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PRAGATI ENGINEERING COM

(AUTONOMOUS) 1-378, ADB ROAD, SURA

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



Andhra Pradesh State Skill Development Corporation



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from	Pragati Engineering College						
successfully co	ompleted the re	equirem	ents for CAT	A,DELM	IA,SIMULIA		
held from	03-02-2020	_ to	23-02-2020		PRAGATI ENGIN	EERING COLLEGE NOMOUS) DAD, SURAMPALEM E.G.Dt. (AP)-533 437	
		•	in a		# 1-378, ADB RG Near Peddapuram,	E.G.Dt. (AF)	

NI WICHIDLIACLE

Principal

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





Andhra Pradesh State Skill Development Corporation





This is to certify that Mr./Ms

CERTIFICATE

OF COMPLETION

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from	Pragati Engineering College					has
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DOWNY

Dr. Ravi Gujjula Chief General Manager APSSDC

Dr. Srikanth Arja, IRTS ND & CEO APSSDC

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D RAMYA SLIDHA

Principal

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:16-09-2019

CIRCULAR

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

Venue: Department of ECE, JNTU, KAKINADA

Copy to

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

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Ph. 19842 1252211 14 Website www.pragatiste.in

PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

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

The following points were highlighted:

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

DAY 2(6-HOURS)

lopic on internal structure:

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation:

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

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

Topic on Signals of PLC:

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

Topic on Programming:

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

PLC Projects:

- Designing of basic PLC projects
- Lab session

Sufficient time is given for the students to practice

PRINCIPAL CO-ordinator

PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM

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

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

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

COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

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

Basics of PLC Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Person details

Name :Mr.M.Raghavendra Designation : APSSDC Trainer

Contact Details: Ph.No: 9846635823

Co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

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

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1th 108852 - 252213, 34 Welmite www.pragati.ac.in

Student Enroll list

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

Coordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT

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

Co-ordnator

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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

4

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

Please evaluate on a scale of 5:

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

Usefulness of Topic: I

Method of Delivery: Y 2

Related to Subject: 3

Is the Topic useful for career: YES/NO
Suggestions if any: More labs weeded. 5

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

Report on Basis of PLC Program

Date:30-09-2019

Resource Person Details

Name: Mr.M.Raghavendra

Designation: APSSDC Trainer

Contact Details:9846635823

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

The Expert Trainermainly focus on the following contents,

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

APSSDC CO-ORDINATROR

PRINCIPAL
PRAGATI ENGINEERING COLLEGE



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

JNTU College of Engineering, Kakinada

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSOC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE

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1-378, ADB ROAD, SURAMPALEM

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



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

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

PRINCHED Tech Systems Limited

PRAGATI ENGINEERING COLLEGE



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

PRINTIPASystems Limited

PRAGATI ENGINEERING COLLEGE



This is to certify tha	t ROHITRAM VASAMS	ETTI
bearing number	DSL/APSSDC/34686	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Co	llege of Engineering, K	(akinada
fro	m 23-Sep-19 to 28-Sep	-19

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

DesignTech Systems Limited

PRINCIPAL

PRAGATI ENGINEERING COLLEGE



This is to certify that	SAI CHARAN APPIKOND	A
bearing number	DSL/APSSDC/34687	nas successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Co	llege of Engineering, Kakii	ada
fror	n 23-Sep-19 to 28-Sep-19	

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

Designt Supports Limited

PRAGATI ENGINEERING COLLEGE

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

Connad by ComConnar



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

Conducted at

JNTU College of Engineering, Kakinada

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

Authorized Signatory:

APSSDC

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



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

Siemens Industry Software Pvt_Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd.

Authorized Signatory:

Authorized Signatory:

DesignTech Systems Limited

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) BROAD, SURAMPALEM

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



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSOC

Authorized Signatory:

DesignTech Systems Limited

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Conned by ComConner

9



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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

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

1



This is to certify that	VEERA SWAMY MARUBO	INA
bearing number	DSL/APSSDC/34694h	as successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Co	llege of Engineering, Kakir	1ada
	22 Son-19 to 28-Sep-19	

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)



This is to certify that	VENKATA SAI MANJUSI	REE KOKKIRIMETLA
bearing number	DSL/APSSDC/34695	has successfully
completed	Basics of PLC	Course
	Conducted at	
JNTU Coll	ege of Engineering, K	akinada
from	22-Sen-10 to 28-Sen-	.10

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

Design ech Systems Limited
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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

9



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

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

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

Authorized Signatory:

APSSDC

DesignTech Systems Limited

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:02-07-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Home Lab

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Ph 08852 - 252233, 34 Website www pragati ac in

Student Enroll list

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

Co-ordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

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

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



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

Attendance report

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

co-ordinator



(Autonomous)

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APSSDC-TSD1-Electronics Home LAB -FEEDBACK

Date: 15-07-2019

DEPARTMENT

:Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

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

Title of Training Program

:"Electronics Home Lab".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average

2 Poor

1 Avoid in Future

Usefulness of Topic:

2

3

Related to Subject:

Is the Topic useful for career:

Method of Delivery:

Suggestions if any: 5

(Autonomous)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date: 15-07-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Home Lab

Copy to

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

HODW ECE

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

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

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

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Student Enroll list

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

Co-ordinator

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

			ALI 6617	CHILL	ADMINE	CHEPUR	1 A.T.ZU	119-20				
	DAY-1 2	4-07-2019	DAY-2 2	5-07-2019	DAY-3	26-07-2019	DAY-4 2	7-07-2019	DAY-5	29-07-2019	DAY-6	11-07-2019
Roll no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
17A31A0490	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0461	P	P	P	P	P	P	D	P	P	P	P	P
17A31A0492	P	P	P	P	P	P	P	P	P	P	p	Y
17A31A0475	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0471	P	P	D	P	P	P	P	P	P	P	p	P
17A31A04D1	A	A	P	P	P	P	P	P	P	P	P	p
1/A31A04C8	P	P	P	P	A	A	P	P	P	P	P	p
17A31A0476	P	P	P	P	P	P	P	A	P	P	P	P
17A31A04C2	P	P	P	P	p	P	P	P	P	P	P	P
18A35A0427	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0479	A	A	P	P	P	P	P	P	P	P	P	P
17A31A0480	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0495	P	P	P	P	P	A	A	P	P	P	P	P
17A31A0489	P	P	P	P	P	P	A	A	P	P	P	P
17A31A0487	P	P	P	P	P	P	P	P	P	P	P	P

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Attendance report

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

co-ordinator

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APSSDC-TSDI-Electronics Home LAB -FEEDBACK

Date:31-07-2019

DEPARTMENT

:Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

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

Title of Training Program

"Electronics Home Lab".

Date / Venue

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

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

Suggestions if any: Need more lab turning. 5

Learning is Supreme Deck

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:02-09-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Home Lab

Copy to

Circulate among ECE Students and Faculty. Dept. File. ECE Notice Board Principal for information. HOD-ELE Businesses Grant Engineers Eng

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PROGRAM SCHEDULE Topics Covered DAY 1(6-HOURS)

Course Foundation:

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

The following points were highlighted:

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

DAY 2(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

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

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

Sufficient time is given for the students to practice

Page 1of 2

DAY 4(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

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

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

Sufficient time is given for the students to practice

Page 2 of 2

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COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Home Lab Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Persons details

Name: Mr.T.SIVA

Designation: APSSDC Trainer

Contact Details:

Ph.No: 9440756250

Name:Mr.P.VAMSI

Designation: APSSDC Trainer

Contact Details:

Ph:No: 8977596066

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Ph 08852 - 252233, 34 Website work pragati acin

Student Enroll list

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

Co-ordinator

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DEPARTMENT OF ECE

					DAY WIS	E ATTEN	DANCE	REPORT					
S	Roll no	DAY-10	9.09-2019	DAY-2	0.09-2019	DAY-3	11-09-2019	DAY-4	12-09-2019	DAY-5	1-09-2019	DAY:n	14.09.2014
S.no	non no	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	EN	1/4
1.	17A31A0477	P	P	P	P	P	P	P	P	P	D	P	P
2	17A31A04G4	P	P	P	P	P	P	p	P	D	P	À	A
3	17A31A04H2	P	P	P	P	P	D	A	A	Þ	P	D	D
4	17A31A0481	P	P	A	A	P	P	P	P	D	D	P	D
5	17A31A04F8	P	P	1	A	P	P	P	P	V	0	P	0
6	17A31A0482	P	P	A	10	P	P	P	P	P	P	P	0
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	p
8	17A31A0484	P	P	P	P	P	A	A	A	P	P	P	P
9	17A31A0494	P	P	P	P	P	P	P	P	P	P	A	P
	17A31A04C5	P	P	P	P	P	p	P	P	P	0	A	P
11	17A31A0493	P	P	P	P	P	P	P	P	P	P	A	A
12	17A31A0469	P	P	P	P	P	P	P	P	P	D	P	D
13	17A31A0462	P	P	P	P	P	P	P	P	0	P	0	P
14	17A31A04H3	A	P	P	P	P	P	P	P	D	P	P	P
15	17A31A0464	P	P	P	P	P	A	A	P	P	P	P	P
16	17A31A0484	P	P	P	P	P	A	A	p	P	P	P	P
17	17A31A04C5	P	P	P	D	P	P	D	D	P	A	P	P
18	17A31A0485	D	P	P	P	P	P	P	P	P	A	P	P
19	18A35A0434	A	A	P	P	P	Þ	P	P	P	P	P	D
20	17A31A04G3	P	P	P	A	A	P	P	P	P	P	P	P
21	17A31A04G7	A	A	P	P	P	Р	P	P	P	P	P	0

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

Attendance report

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

Co-ordinator

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APSSDC-TSDI-Electronics Home LAB -FEEDBACK

Date:14-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

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

Title of Training Program

:"Electronics Home Lab".

Date / Venue

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

YES/NO

5 Suggestions if any: Need Advanced Topiss



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AOH Read Surampalem, F.G.Dr. A.P. -511.437

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

Date:16-09-2019

Report on Value Added Course "Electronics Home Foundation"

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr.P. VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

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

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

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

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

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

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

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

Page 1 of 2

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9

DAY-3, Topics covered- Install and maintenance of Home Appliances

The trainer explained theinstallation of various home appliances on the work bench and safety precautions to be taken while working with home appliances and explained the steps to maintain the home appliances in good condition and in the afternoon session sufficient time is given for the students to practice.

The Expert Trainer Mr.P.VAMSI, mainly focus on the following contents on the next 3 days

DAY-4, Topics covered-Design of Basic Arduino projects

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

DAY-5, Topics covered-Design of Basic IOT projects

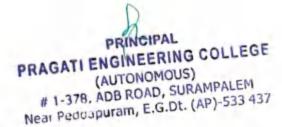
The trainer explained basic connections of IOT, Sensors and Softwares of IOT, basic programming, designing of basic IOT projects and in the afternoon session sufficient time is given for the students to practice.

DAY-6, Topics covered-Design of Basic Microcontroller projects

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

APSSDC CO-ORINATROR

Page 2 of 2





This is to certify that RAMA TULASI MAGAPU	
bearing number. APSSDC/Siemens/M/76702. has success	sfully
completed Electronics-Home-Foundation C	ourse
Conducted at	
Pragati Engineering College, Surampalem, Kakinada	
from 9-Sep-19 to 14-Sep-19	

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This is to certify that	V B S D SASTRY GORTHI
bearing number APSS	DC/Siemens/M/76710. has successfully
completedEle	ectronics-Home-Foundation
	Conducted at
Pragati Enginee	ring College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

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Siemens Industry Software Pvt. Ltd



This is to certify t	hat JESSIE STEVEN MEDIDA
bearing number.	APSSDC/Siemens/M/76711 has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati E	ngineering College, Surampalem, Kakinada
	from 9-Sep-19 to 14-Sep-19

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inis is to certify th	at JASWINE KANI MUKANA	************
bearing number. A	PSSDC/Siemens/M/76712 has	successfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati En	gineering College, Surampalem, Kakin	ada
·	rom 9-Sep-19 to 14-Sep-19	7

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This is to certify that	ARAVINDA VIJAYA SWAMY ADABALA
bearing number. APS	SDC/Siemens/M/767.13 has successfully
completed	lectronics-Home-Foundation Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
fron	9-Sep-19 to 14-Sep-19

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APSSDC

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This is to certify that	MANJU SREE NADIKATLA	
bearing number. APS	SDC/Siemens/M/76714. has	successfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kakir	nada
fror	n 9-Sep-19 to 14-Sep-19	

This is an auto generated Certificate and does not require Signatures

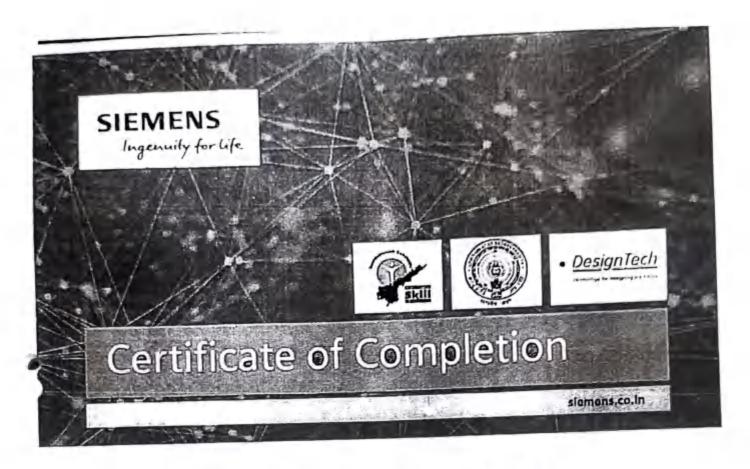
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Near Peddapuram, E.G.Dt. (AP)-533 437

DesignTech Systems Limited

Siemens Industry Software Pvt. Ltd



This is to certify that SRIBALA VISHNUVAJHALA
bearing number. APSSDC/Siemens/M/7.67.15. has successfully
completed Electronics-Home-Foundation Course
Conducted at
Pragati Engineering College, Surampalem, Kakinada
from 9-Sep-19 to 14-Sep-19

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This is to certify that Anjani Balagam
bearing number APSSDC/Siemens/M/95823 has successfully
completed
Conducted at
Pragati Engineering College, Surampalem
from 10-Jul-19 to 15-Jul-19

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

Siemens Industry Software Pvt. Ltd

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This is to certify	that Surekha Jonnada	
bearing number	r, APSSDC/Siemens/M/95825, has su	uccessfully
completed	Electronics - Home - Foundation	Course
	Conducted at	
Prago	ati Engineering College, Surampalem	
	from 10-Jul-19 to 15-Jul-19	

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This is to certify that Sai Naga Chandu Urlankala
bearing number APSSDC/Siemens/M/95826 has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that	Krishna Priya Barla
bearing number. APS	SDC/Siemens/M/95829. has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

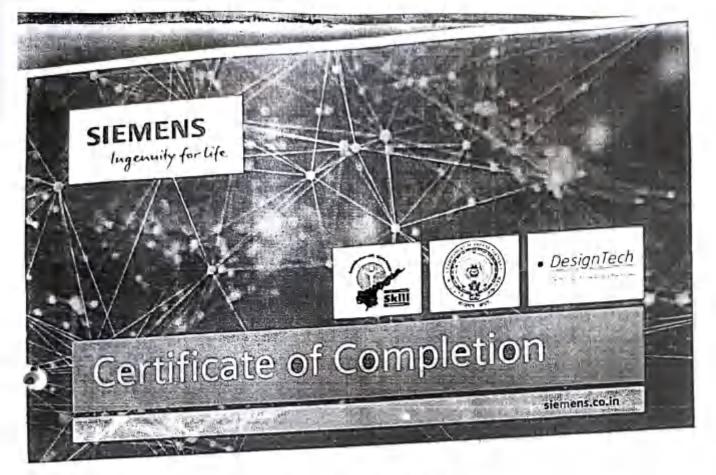
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This is to certify th	nat Preethi Jyothana Chamanthi
bearing number.	APSSDC/Siemens/M/95831. has successfully
completed	Electronics - Home - Foundation Course
	Conducted at
Praga	ti Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that Gopi Hemanth Karanam

bearing number, APSSDC/Siemens/M/95832, has successfully completed. Electronics - Home - Foundation. Course Conducted at

Pragati Engineering College, Surampalem

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This is to certify that A	sha Chandini Badam
bearing number. APSSI	OC/Siemens/M/95833. has successfully
completed Elect	ronics - Home - Foundation Course
	Conducted at
Pragati Engit	neering College, Surampalem

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This is to certify that	Younus Mohammad	
bearing number, AP.	SSDC/Siemens/M/95834. has su	uccessfully
completedEl	ectronics - Home - Foundation	Course
	Conducted at	
Pragati Er	gineering College, Surampalem	

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

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This is to certify that	Sowmya Golla
bearing number APS	SDC/Siemens/M/95835, has successfully
completed Ele	ectronics - Home - Foundation Course
	Conducted at
Руадаti Ea	gineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

Sweeps Industry Software PVI. Ltd

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This is to certify that **Devika Naga Lakshmi Mallipudi**
bearing number **APSSDC/Siemens/M/95836**, has successfully completed **Electronics - Home - Foundation **Course Conducted at **Pragati Engineering College, Surampalem

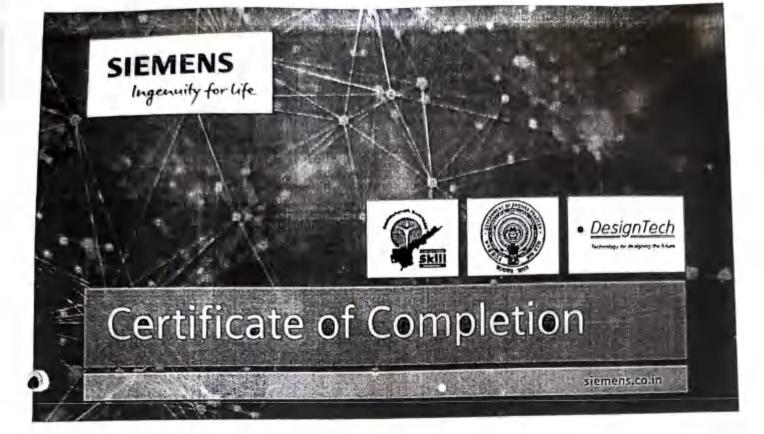
from 10-Jul-19 to 15-Jul-19

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This is an auto generated Certificate and does not require Signatures



This is to certify that Jayakumar Simhadri
bearing number. APSSDC/Siemens/M/95837. has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify that Bhanu Stavani Gunnada

bearing number APSSDC/Siemens/M/95840 has successfully

completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Swampalem

from 10-Jul-19 to 15-Jul-19

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This is to certify the	hat Mounika Padala	
bearing number.	APSSDC/Siemens/M/95841 has su	uccessfully
completed	Electronics - Home - Foundation	Course
	Conducted at	
Pragat	i Engineering College, Surampalem	
	from 10-Jul-19 to 15-Jul-19	

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



This is to certify that Bhashyam G.S.R.
bearing number APSSDC/Siemens/M/95847. has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 10-Jul-19 to 15-Jul-19

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PRAGATI ENGINEERING COLLEGE
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This is to certify that	Sirisha Ajjarapu
bearing number. APS	SDC/Siemens/M/95852. has successfully
completed Ele	ctroni cs - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	24-Jul-19 to 31-Jul-19

Summers endustry Software Pvt. Ltd.

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This is to certify that Anisha Afrin Sayed
bearing number APSSDC/Siemens/M/95848 has successfully
completed <u>Electronics - Home - Foundation</u> Course
Conducted at
Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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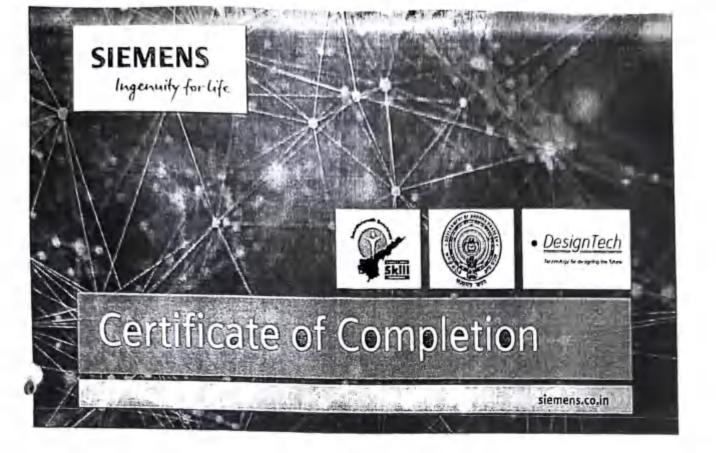
PRAGATI ENGINEERING COLLEGE

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

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This is to certify that Sub	reen Shaik
bearing number APSSDC	/Siemens/M/95854 has successfully
completedElectron	ics - Home - Foundation Course
	Conducted at
Pragati Enginee	ring College, Surampalem
from 24-	Jul-19 to 21-Jul-19

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This is to certify that Lohitha Sridevi Koppisetti
bearing number APSSDC/Siemens/M/95856 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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This is to certify that Kiranmayeeswari Garikipati
bearing number APSSDC/Siemens/M/95858 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

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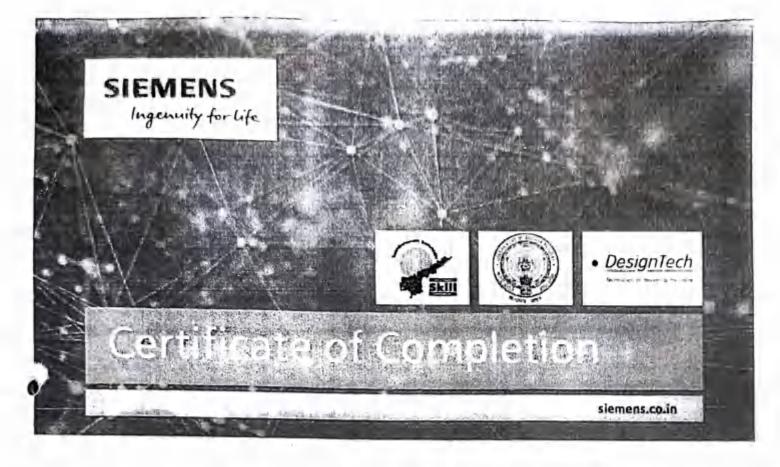
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1-378, ADB ROAD, SURAMPALEM

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





This is to certify that Sri Santosha Praneela Doddipatla
bearing number APSSDC/Siemens/M/95860 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

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

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This is to certify that	Lakshmi Priyanka Chikkala
bearing number. APS	SDC/Siemens/M/95861 has successfully
completed	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
fron	n 24-Jul-19 to 31-Jul-19

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



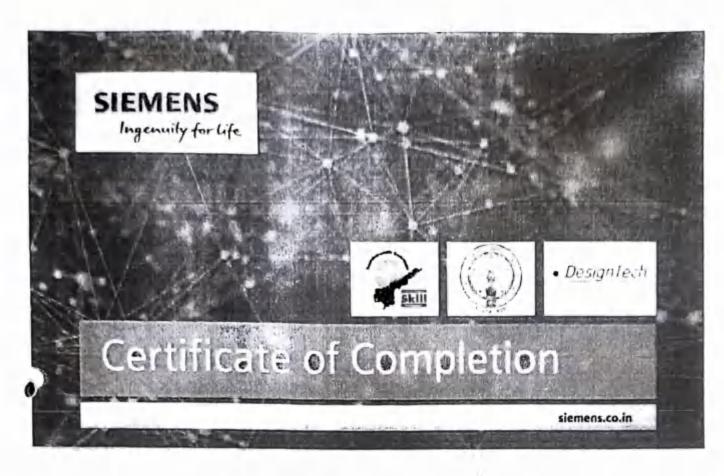
This is to certify that	Usha Priyanka Kukkala
bearing number, APS	SDC/Siemens/M/95862. has successfully
completed Ele	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	m 24 Test 10 to 21 Test 10

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1-376, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that	ai Satya Ammula
bearing number APSSI	DC/Siemens/M/95863. has successfully
completed	ronics - Home - Foundation Course
	Conducted at
Pragati Engir	neering College, Surampalem
from 2	24-Jul-19 to 31-Jul-19

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



This is to certify that Veera Venkata Sravani Namala
bearing number APSSDC/Siemens/M/95864 has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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This is to certify that	Lakshmi Devika Marni
bearing number, APS	SDC/Siemens/M/95870, has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem

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1-378, ADB ROAD, SURAMPALEM
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This is to certify that Venkata Sai Lalitha Charishma Masabatt
bearing number. APSSDC/Siemens/M/95874. has successfully
completed Electronics - Home - Foundation Course

Conducted at

Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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(AUTONOMOUS)
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New Peduapuram, E.G.Dt. (AP)-533 437

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This is to certify that	Krishna Priyanka Varasala
bearing number. APS	SDC/Siemens/M/95876, has successfully
completedEle	ctronics - Home - Foundation Course
	Conducted at
Pragati En	gineering College, Surampalem
from	n 24-ful-10 to 21 ful 10

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PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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1-378, ADB ROAD, SURAMPALEM

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



This is to certify that Tulasi Dora Savalam
bearing number APSSDC/Siemens/M/95877. has successfully
completed Electronics - Home - Foundation Course
Conducted at
Pragati Engineering College, Surampalem

from 24-Jul-19 to 31-Jul-19

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(AUTONOMOUS)

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

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This is to certify that	Pravallika Pinisetti	
bearing number. APS	SDC/Siemens/M/95879, has su	ccessfully
completed Ele	ctronics - Home - Foundation	Course
	Conducted at	
Pragati En	gineering College, Surampalem	

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



This is to certify that	SIRISHA NELAPARTHI	
bearing number APSS	SDC/Siemens/M/76716. has su	ccessfully
completedEl	lectronics-Home-Foundation	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kakinad	ia
from	9-Sep-19 to 14-Sep-19	

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



This is to certify that	ANJANI MANOGNA VANGAI	.A
bearing number APS	SDC/Siemens/M/76717. has s	uccessfully
completed	Electronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kakin	ada
fror	n 9-Sen-19 to 14-Sen-19	

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This is to certify t	hat SRI SAI SANDHYA BULUSU
bearing number.	APSSDC/Siemens/M/76718, has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati E	ngineering College, Surampalem, Kakinada

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-379, ADB ROAD, SURAMPALEM Near Peculipuram, E.G.Dt. (AP)-533 437



This is to certify that	MRUDULA TETALI
bearing number. AP:	SSDC/Siemens/M/76703 has successfully
completed	Electronics-Home-Foundation Course
	Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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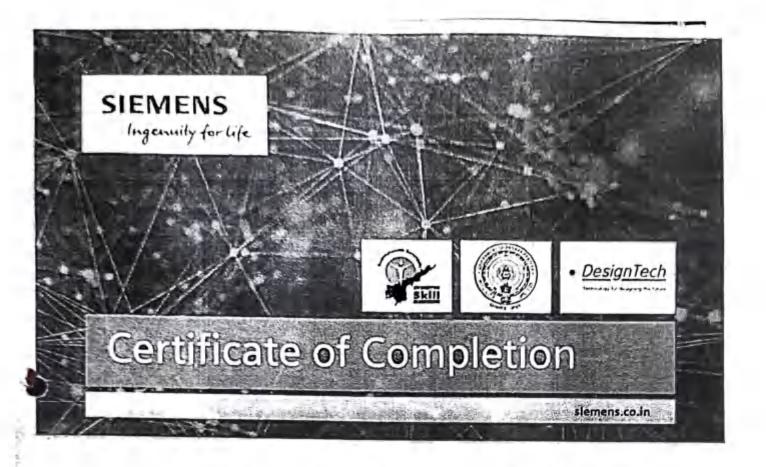
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(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	SAI RATNANIANI CHINTAL	APUDI
bearing number APS	SDC/Siemens/M/76706 has	successfully
completed	lectronics-Home-Foundation	Course
	Conducted at	
Pragati Engin	eering.College, Surampalem, Kakir	ıada
fron	9-Sep-19 to 14-Sep-19	

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This is to certify that AKHIL	A CHEEKATLA
bearing number APSSDC/Sic	mens/M/7.6707. has successfully
completed Electronic	s-Home-Foundation Course
Con	ducted at
Pragati Engineering Co	llege, Surampalem, Kakinada
from 9-Sep -	19 to 14-Sep-19

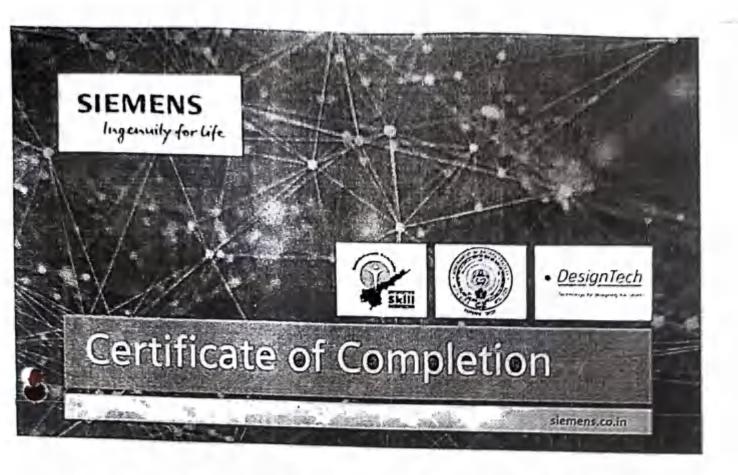
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Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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This is to certify that SRI SAI SANDHYA BULUSU

bearing number APSSDC/Siemens/M/76718 has successfully

completed

Electronics-Home-Foundation

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Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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This is to certify that SRI SURYA SUNAYANA NULU

bearing number APSSDC/Siemens/M/76719 has successfully

completed Electronics-Home-Foundation Course

Conducted at

Pragati Engineering College, Surampalem, Kakinada

from 9-Sep-19 to 14-Sep-19

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
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This is to certify the	t SURYA CHANDRA VANGALAPUDI
bearing number Al	PSSDC/Siemens/M/76720 has successfully
completed	Electronics-Home-Foundation Course
	Conducted at
Pragati Engi	neering College, Surampalem, Kakinada
fro	m 9-Sep-19 to 14-Sep-19

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

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This is to certify that	RAJESH EGALA
bearing number. APS	SDC/Siemens/M/7.672.1. has successfully
completed	lectronics-Home-Foundation Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	9-Sep-19 to 14-Sep-19

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(AUTONOMOUS)
75. ADB ROAD, SURAMPALEM
of Pendapuram, E.G. Dt (AP)-535-437



This is to certify that SRINIVASA RAO GUDE.

bearing number APSSDC/Siemens/M/76722 has successfully completed Electronics-Home-Foundation Course Conducted at

Pragati Engineering College, Surampalem, Kakinada from 9-Sep-19 to 14-Sep-19

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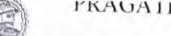
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Near Peddapuram, E.G.Dt. (AP)-533 437

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PRAGATI ENGINEERING COLLEGE (Autonomous)

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

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem, Date:05-09-2019

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS OFFICE EXPERT in collaboration with APSSDC from 24-09-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, 16-09-2019 to Asst. Professor, Department of Electronics and Communication Engineering on or before 10-09-2019. The number of participants to this course is limited, preference is based on first

Venue: Civil Block Second floor APSSDC Electronics Office Lab

Copy to

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

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PRINCIPAL PRAGATI ENGINEERING COLLEGE

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



PRAGATI ENGINEERING COLLEGE

ADB Road, Surampalem E G Dt , A P - 533 437

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PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a expert level explanation about the Course and discussed about the components

The following points were highlighted:

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

DAY 2(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

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

- Install and maintenance of Office Equipment.
- · Installation of various Office Equipment on the work bench
- Safety Precautions to be taken while working with Office Equipment
- Explaining the steps to maintain the Office Equipment in good condition

Lab session

Sufficient time is given for the students to practice

Page 1of 2

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DAY 4(6-HOURS)

- Computer System Mr P.VAMSI discussed the Assembling and Disassembling of Computer System
- Basic connections of Computer System
- Hardware connections and Port Connections of Computer.
- Basic network connections
- Motherboard
- Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

- Installation: Mr. P.VAMSI discussed the Install and uninstall in application software in computer system
- · Basic Softwares of computer for Office Applications
- Software installation and installation.
- Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

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

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

Sufficient time is given for the students to practice.

Page 2 of 2

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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	17A31B0440	Praveen kumar Bandila	Reforme
2	17A31A0421	Anika angel Somana	Day So.
3	17A31A0404	Amritha Chandrasekhar	Amrithal.
4	17A31B0412	Satya nikitha Gullipalli	hiktha
5	17A31A0446	Mehar ankith Bobbili	B. anoth
6	17A31B0457	Chaitanya Uggina	U chartanya
7	17A31A0418	Harshitha Palakurthi	D-Haul Ha
8	17A31A0429	Razaq qureshi Abdul	A Pazag.
9	17A31A0437	Ayyappa swami Garaga	Gr. Cwani
10	17A31A0427	Yamima rajlin Navabaktula	N. yamina
11	17A31B0458	Nadish kumar Undurthi	U. Nachush
12	17A31B0405	Anjali kaushik Chitrapu	Anjali kaushek ch.
13	17A31A0410	Reshma Katta	K. Reshma
14	17A31A0443	Kishore Palakonda	Kishore.p
15	18A35B0401	Akhil chandra Akula	A. Athi charden
16	17A31B0445	Manikanta Dommeti	sup de
17	17A31A0417	Raveenareddy Padala	D. Daveentra steady

Co-ordinator

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

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

DEPARTMENT OF ECE

			UA	Y WIS	EATTE	NDAN	CE REPO	ORT A.	Y.2019-2	0			
on		DAY-1 16-09-2019		19 DAY-2 17-09-2019		DAY-J 18-09-2019		DAY-4 19-09-2019		DAY-5 23-09-2019		DAY-6 24-09-2019	
Sino	Roll no	FN	AN	FN	AN	FN	AN	EN	AN	FN	AN	FN	AN
1	17A31B0440	P	P	P	P	P	P	D	D	P	D	0	A
2	17A31A0421	P	A	P	P	P	P	D	D	D	P	D	1
3	17A31A0404	P	P	p	P	A	A	P	P	0	-	0	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	1
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	0
8	17A31A0429	P	P	P	P	P	P	P	P	P	P	0	P
6	17A31A0437	P	P	P	P	P	P	P	P	P	P	D	P
10	17A31A0427	P	A	Р	P	P	P	P	P	P	P	P	D
11	17A31B0458	P	P	P	P	P	P	P	P	P	P	P	n
12	17A31B0405	P	P	P	P	P	P	P	P	P	P	D	0
13	17A31A0410	P	P	D	P	P	P	P	P	P	P	P	P
14	17A31A0443	A	A	P	P	P	P	P	P	-	P	P	1
15	18A35B0401	P	P	P	P	P	P	P	D	P	P		P
16	17A31B0445	P	P	P	P	P	P	P	D	P	P	P	P
17	17A31A0417	P	P	P	P	P	P	P	P	P	D	P	p

APSSDC Coordinator

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Attendance Report

3	Roll no	Classes conducted	Classes Attended
1	17A31B0440	36	33
2	17A31A0421	36	33
3	17A31A0404	36	30
4	17A31B0412	36	33
5	17A31A0446	36	33
6	17A31B0457	36	36
7	17A31A0418	36	36
8	17A31A0429	36	36
9	17A31A0437	36	36
10	17A31A0427	36	33
11	17A31B0458	36	36
12	17A31B0405	36	36
13	17A31A0410	36	36
14	17A31A0443	36	30
15	18A35B0401	36	33
16	17A31B0445	36	33
17	17A31A0417	36	33

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Co-ordinator

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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Office Lab Objective:

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

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

- Basic Components Identification and Testing Practical.
- Design and Construction of SMPS
- > Install and maintenance of Office Equipments
- Assembling and Disassembling of Computer System
- Install and uninstall in application software in computer system
- Design of Basic Arduino projects...

Roles and Responsibilities of Lab Coordinator:

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

Resource Person details

Name: Mr.T.SIVA

Designation: APSSDC Trainer

Contact Details : Ph.No: 9440756250 Name:Mr.P.VAMSI

Designation : APSSDC Trainer

Contact Details: Ph:No: 8977596066

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APSSDC-TSD1-Electronics Office LAB - FEEDBACK

Date: 25-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

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

Title of Training Program : " Electronics Office Expert".

Date / Venue

: 16-09-2019 to 24-09-2019/ Electronics Office Lab

Please evaluate on a scale of 5;

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

Usefulness of Topic:

5

2 Method of Delivery: 5

3 Related to Subject:

Н

Is the Topic useful for career:

YES/NO

Suggestions if any: 5

need practical susions like this

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Report on Value Added Course "Electronics Office Foundation"

Date:25-09-2019

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr. P.VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

Department of Electronics and Communication Engineering organized a one week Value Added Course on "Electronics Office Expert" from 16-09-2019 to 24-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Office Expert related aspects and gave practical lab sessions.

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

DAY-1, Topics covered - Basic Components Identification and Testing and gave Introduction about Active Electronic Components, Passive Electronic Components, Basic Test and measurement Equipment and in the afternoon session Sufficient time is given for the students to practice.

DAY-2, Topics covered - Design and Construction of SMPS and gave Explanation of Input stage, Switching section, output stage, Control unit and Discussed about precautions, Merits & Demerits and in the afternoon session Sufficient time is given for the students to practice.

DAY-3, Topics covered - Install and maintenance of Office equipments , Explained the Installation of various Office equipments on the work bench and Safety Precautions to be taken while working with Office equipments and Explained the steps to maintain the Office equipments in good condition and in the afternoon session Sufficient time is given for the students to practice.

Page 1 of 2

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The Expert Trainer Mr.P.VAMSI, mainly focus on the following contents on the next 3 days

- DAY-4, Topics covered Basic connections of Computer System and Hardware connections and Port Connections of Computer. Basic network connections and Motherboard and in the afternoon session Sufficient time is given for the students to practice.
- DAY-5, Topics covered Basic Softwares of computer for Office Applications, Software installation and installation and in the afternoon session Sufficient time is given for the students to practice.

DAY-6, Topics covered - Design of Basic Arduino projects and basic connections of Arduino ,Sensors and external devices of Arduino ,basic Arduino programming,designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.

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No at Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	AKHIL CHANDRA AKULA
bearing number APS	SDC/Siemens/M/76739. has successfully
completed	Electronics-Office-Expert Course
0	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

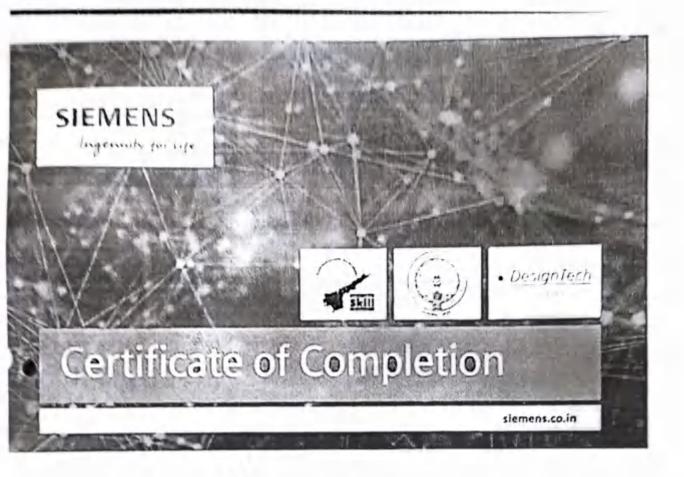
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This is to certify that	MANIKANTA DOMMETI
bearing number APS	SDC/Siemens/M/76736, has successfully
completed	Electronics-Office-Expert Course
	Conducted at
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from	16-Sep-19 to 24-Sep-19

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This is to certify that	RAVEENAREDDY PADALA
bearing number. AP	SSDC/Siemens/M/76728. has successfully
completed	Electronics-Office-Expert Course
	Conducted at
	eering College, Surampalem, Kakinada
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This is to certify that	AMRITHA CHANDRASEKHAR
bearing number APS	SDC/Siemens/M/76740 has successfully
completed	Electronics-Office-Expert Course
1	Conducted at
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This is to certify that	SATYA NIKITHA GULLIPALLI
bearing number APS	SDC/Siemens/M/76727. has successfully
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Pragati Engineering College, Surampalem, Kakinada

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

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This is to certify that	CHAITANYA UGGINA
bearing number. APS	SDC/Siemens/M/76738, has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

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This is to certify that	HARSHITHA PALAKURTHI
bearing number AP	SSDC/Siemens/M/76730, has successfully
completed	Electronics-Office-Expert Course
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This is to certify that	RAZAQ QURESHI ABDUL
bearing number AP	SSDC/Siemens/M/76735. has successfully
completed	Electronics-Office-Expert Course
•	Conducted at
Pragati Engi	neering College, Surampalem, Kakinada
from	m 16-Sep-19 to 24-Sep-19

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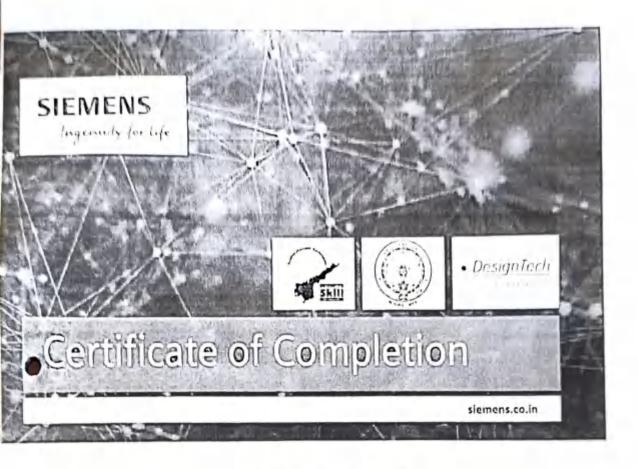
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This is to certify t	hat AYYAPPA SWAMI GARAGA
bearing number.	APSSDC/Siemens/M/76742, has successfully
completed,	Electronics-Office-Expert Course
•	Conducted at
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f	rom 16-Sep-19 to 24-Sep-19

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This is to certify that	YAMIMA RAJLIN NAVABAKTULA
bearing number APS	SDC/Siemens/M/76737. has successfully
completed	Electronics-Office-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
from	16-Sep-19 to 24-Sep-19

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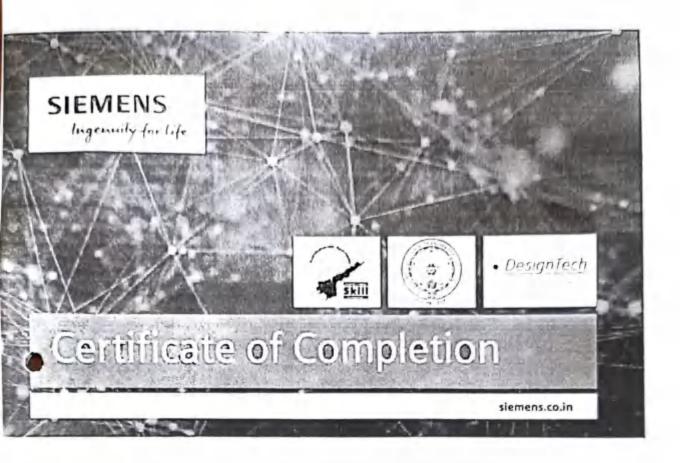
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This is to certify that	NADISH KUMAR UNDURTH	и
bearing number. APS	SDC/Siemens/M/76733 has	successfully
completed	Electronics-Office-Expert	Course
•	Conducted at	
Pragati Engin	eering College, Surampalem, Kakii	nada
from	16-Sep-19 to 24-Sep-19	

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This is to certify that	ANJALI KAUSHIK CHITRA	P.U
bearing number APS	SDC/Siemens/M/7.6734 ha	s successfully
completed	Electronics-Office-Expert	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kaki	inada
from	16-Sep-19 to 24-Sep-19	

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This is to certify that	RESHMA KATTA
bearing number APS	SDC/Siemens/M/76732 has successfully
completed	Electronics-Office-Expert Course
	Conducted at
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This is to certify that	PRAVEEN KUMAR BANDIL	A
bearing number APS	SSDC/Siemens/M/76741 has	successfully
completed	Electronics-Office-Expert	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kaki	лада
from	16-Sep-19 to 24-Sep-19	

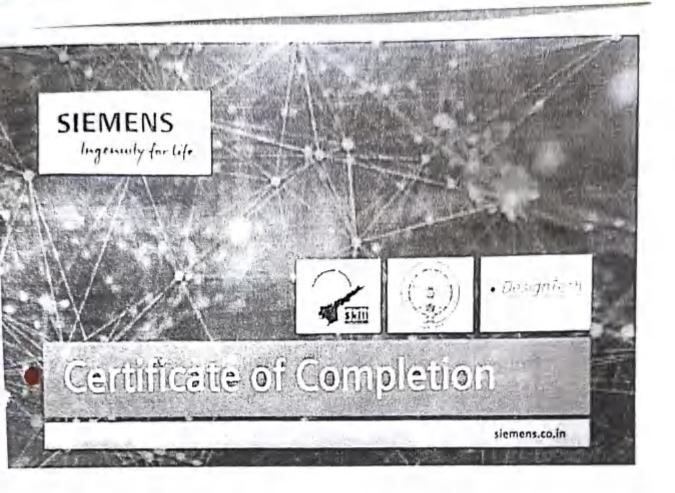
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This is to certify that	ANIKA ANGEL SOMANA	
bearing number APS	SDC/Siemens/M/76731 has	s successfully
completed	Electronics-Office-Expert	,Course
	Conducted at	
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This is to certify that	KISHORE PALAKONDA
bearing number APS	SDC/Siemens/M/76726. has successfully
completed	Electronics-Office-Expert Course
	Conducted at
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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

Copy to

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

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PROGRAM SCHEDULE

Topics Covered DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a expert level explanation about the Course and discussed the expert level of basic components

The following points were highlighted:

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

DAY 2(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

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

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

Sufficient time is given for the students to practice

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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Page Iof 2

DAY 4(6-HOURS)

Projects with Archaino Mr. P.VAMSI discussed the Designing the Archaino 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

PRAGATI ENGINEERING COLLEGE
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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Home Lab Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Persons details

Name: Mr.T.SIVA

Designation : APSSDC Trainer

Contact Details:

Ph.No: 9440756250

Name:Mr.P.VAMS1

Designation : APSSDC Trainer

Contact Details:

PRINCIPAL NO: 8977596066

PRAGATI ENGINEERING COLLEGE

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Student Enroll list

S.No	Roll No	Name of the Student	Signature of the student
I	17A31A0477	Magapu Rama Tulasi	M.R. Sweet
2,	17A31A04G4	Gorthi V B S Dattatreya Sastry	GI.V.B.S. D. sosty.
3	17A31A04H2	Medida Jessie Steven	91. Steven
-4,	17A31A0481	Mokana Jasmine Rani	m. Davi
5	17A31A04F8	Adabala Aravinda Vijaya Swamy	A Curany
6.	17A31A0482	Nadikatla ManjuSree	
7.	17A31A0497	Vishnuvajhala Sri Bala	N. Manjugree
8.	17A31A0484	Nelaparthi Sirisha	M. sionishar
9.	17A31A0494	Vangala Anjani Manogna	V-Anjani
10.	17A31A04C5	Bulusu Sri Sai Sandhya	P C.C.C.
11.	17A31A0493	TetaliMrudula	T. non wolfel
12.	17A31A0469	ChintalapudiSaiRatnanjani	O. O.
13.	17A31A0462	AkhilaCheekatla	-11:
14.	17A31A04H3	MulluLokeshSai Surya Varaprasad	M Lokesh
15.	17A31A0464	Bapatla Veera Venkata Durga Bhuvaneswari	B. V.V. D. Bhuvanezwer
16.	17A31A0485	Nulu Sri Surya Sunayana	N.sc.
17.	18A35A0434	VangalapudiSuryachandra	1. S. Surya Surayana.
18.	17A31A04G3	Egala Rajesh	V. Suryachardra
19.	17A31A04G7	GudeSrinivasaRao	Br. Sochlossa Raws

PRINCIPAL

Co-ordinator

PRAGATI ENGINEERING COLLEGE

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

DEPARTMENT OF ECE

Sing	Roll no	DAY	16-09-2010 AN	DAY	WINE .	ATTENI	DANCE	REPOR	T				
e	7,511 110	IN	AN	-	17-119-20	PADAY-3	18-09-201	9 DAY-4	19-09-201	9 DAY-57	21-09-201	9 DAY-6	24-09-20
1	17A31A0477	D	D	D	AN	FN	AN	FN	AN	FN	AN	FN	AN
2	17A31A04G4	1	0	-	P	P	P	P	P	P	P	P	F
3	17A31A04H2	6	D	D	P	P	P	P	P	P	P	A	7
4	17A31A0481	D	P	-	P	P	P	P	P	P	P	A	A
3.	17A31A04F8	P	D	B	P	A	A	P	P	P	P	P	P
5	17A31A0482	D	D	P	P	P	P	A	P	P	Ď	D	D
7.	17A31A0497	P	P	B	P	P	P	P	P	P	D	D	P
5	17A31A0484	A	1	b	D	P	P	P	P	P	P	D	P
9	17A31A0494	P	P	D		P	P	P	P	P	P	P	P
10	17A31A04C5	P	A	P	A	P	P	P	P	P	P	D	D
	17A31A0493	P	D	A	P	12	P	P	P	P	P	P	D
2	17A31A0469	P	D	D	D	P	P	P	P	P	D	D	0
Į	17A31A0462	D	D	P	P	P	P	P	P	P	D	_	P
4	17A31A04H3	P	D	D	D	P	P	P	P	P	. P	P	P
5	17A31A0464	P	P	D	P	P	P	P	P	P	À	0	P
5	17A31A0485	D	P	D	D	P	P	P	P	P	P		-
7	18A35A0434	P	0	P	P	P	P	P	A	A	P	D	P
8	17A31A04G3	D	5	D	1	P	P	P	P	P	4		D
,	17A31A04G7	n	0	0	P	A	P	P	P	P	P	P	P

APSSDC Coordinato

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Attendance report

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

Co-ordinator

PRAGATI ENGINEER'NG COLLEGE

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APSSDC-TSD1-Electronics Home LAB - FEEDBACK

Date: 25-09-2019

DEPARTMENT

: Electronics & Communication Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

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

Title of Training Program

:" Electronics Home Expert Lab".

Date / Venue

: 16-09-2019 to 24-09-2019/ Electronics Home Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

1 Avoid in Future

1 Usefulness of Topic:

2 Method of Delivery:

3 Related to Subject:

4 Is the Topic useful for career:

5 Suggestions if any: G000.

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Report on Value Added Course "Electronics Home Foundation"

Date:25-09-2019

Resource Person Details

Name:

Mr. T.SIVA

Designation:

APSSDC Trainer

Contact Details:

+91 9440756250

Name:

Mr. P. VAMSI

Designation:

APSSDC Trainer

Contact Details:

+91 8977596066

Department of Electronics and Communication Engineering organized a one week Value Added Course on "Electronics Home Expert" from 16-09-2019 to 24-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Home Expert related aspects and gave practical lab sessions.

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

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

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

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

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

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DAY-3. Topics covered-Install and maintenance of Home Appliances

The trainer explained the installation of various home appliances on the work bench and safety precautions to be taken while working with home appliances and explained the steps to maintain the home appliances in good condition and in the afternoon session sufficient time is given for the students to practice.

The Expert Trainer Mr. P.VAMSI, mainly focus on the following contents on the next 3 days

DAY-4, Topics covered- Design of Basic Arduino projects

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

DAY-5, Topics covered- Design of Basic IOT projects

The trainer explained basic connections of IOT, Sensors and Softwares of IOT, basic programming, designing of basic IOT projects and in the afternoon session sufficient time is given for the students to practice.

DAY-6, Topics covered- Design of Basic Microcontroller projects

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

APSSDC CO-ORDINATROR

PRAGATI ENGINEERING COLLEGE

1-178, AMU ROND SUSANIVALEM Near Peddapuratt, L.C.Ct. (AF)-533 437

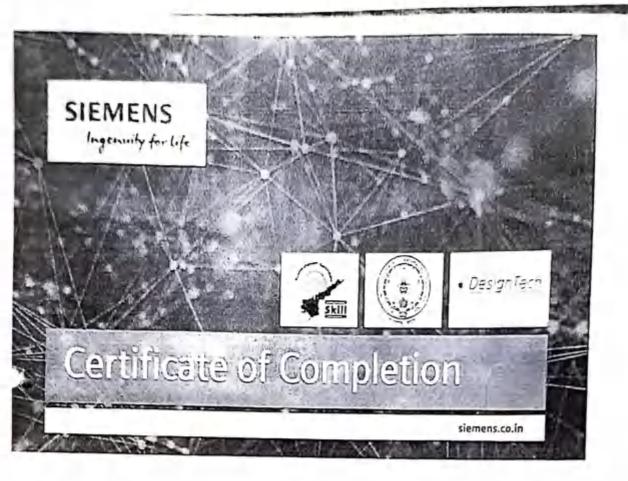
Page 2 of 2



This is to certify that	RAMA TULASI MAG	APU
bearing number APS	SDC/Siemens/M/766	8.1. has successfully
completed	Electronics-Home-Expe	rtCourse
2	Conducted at	
_	ering College, Surampale	em, Kakinada
from	16-Sep-19 to 24-Sep	-19
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	Conducted at

Pragati Engineering College, Surampalem, Kakinada

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

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This is to certify that	JESSIE STEVEN MEDIDA
bearing number APS	SDC/Siemens/M/76691 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
	CAS DIVERSE CO

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

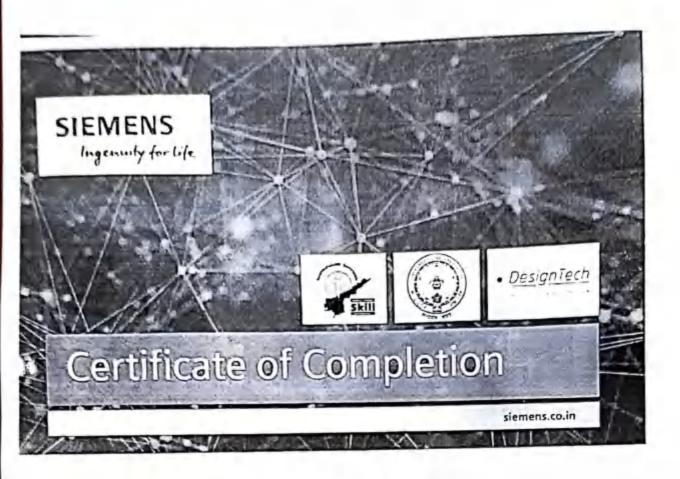
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This is to certify that	JASMINE RANI MOKANA
bearing number. APS	SDC/Siemens/M/76698 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada
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Near Peddapuram, E.G.Dt. (AP)-533 437



This is to certify that	ARAVINDA VIJAYA SWAMY ADABALA
bearing number APS	SDC/Siemens/M/76687 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	neering College, Surampalem, Kakinada
fron	n 16-Sep-19 to 24-Sep-19

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This is to certify that	MANJU SREE NADIKATLA
bearing number APS	SDC/Siemens/M/76688 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that	SRIBALA VISHNUVAJHALA
bearing number APS	SDC/Siemens/M/76695 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that	SIRISHA NELAPARTHI
bearing number APS	SDC/Siemens/M/76682 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that	ANJANI MANOGNA VANG	ALA
bearing number APS	SDC/Siemens/M/76683 ha	s successfully
completed	Electronics-Home-Expert	Course
	Conducted at	
Pragati Engin	eering College, Surampalem, Kak	inada
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This is to certify that SRI SAI SANDHYA BULUSU bearing number. APSSDC/Siemens/M/76686 has successfully Electronics-Home-Expert completed .. Conducted at Pragati Engineering College, Surampalem, Kakinada

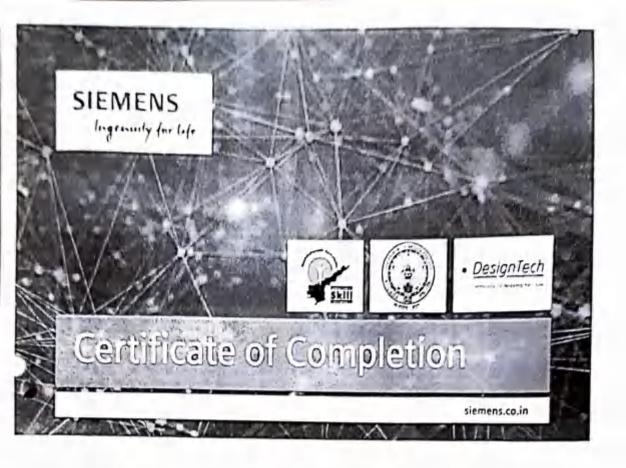
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This is to certify that	MRUDULA TETALI
bearing number. APS	SDC/Siemens/M/76696 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
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This is to certify that SAI RATNANJANI CHINTALAPUDI

bearing number APSSDC/Siemens/M/76684 has successfully

completed Electronics-Home-Expert Course

Conducted at

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This is to certify that	AKHILA CHEEKATLA
bearing number APS	SDC/Siemens/M/76699 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engine	ering College, Surampalem, Kakinada
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This is to certify that LOKESH SAI SURYA VARA PRASAD MULLU bearing number APSSDC/Siemens/M/76697 has successfully Electronics-Home-Expert Course completed Conducted at

Pragati Engineering College, Surampalem, Kakinada

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

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This is to certify that	VEERA VENKATA DURGA BHUVANE	SWARI BAPATLA
bearing number APS	SDC/Siemens/M/76689 ha	s successfully
completed	Electronics-Home-Expert	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kak	inada

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

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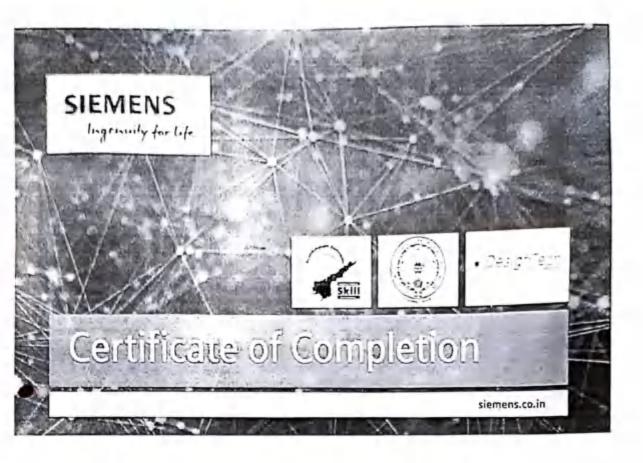
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1-378, ADB ROAD, SURAMPALEM
No. Contraguiram, E.G.Dt. (AP)-533 437



This is to certify that	SRI SURYA SUNAYANA NUI	.U
bearing number APS	SDC/Siemens/M/76700 has	successfully
completed	Electronics-Home-Expert	Course
	Conducted at	
Pragati Engine	ering College, Surampalem, Kakir	1 a da
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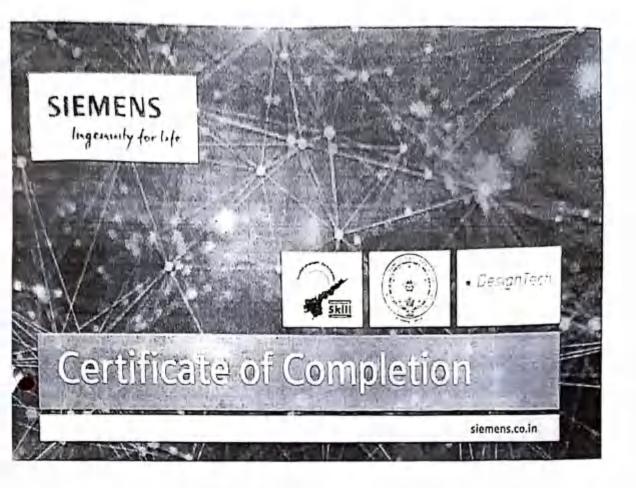
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Near Peddapuram, E.G.Dt. (AP)-533 437

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This is to certify that	SURYA CHANDRA VANGALAPUDI
bearing number AP	SSDC/Siemens/M/76692 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engir	eering College, Surampalem, Kakinada
fron	16-Sep-19 to 24-Sep-19

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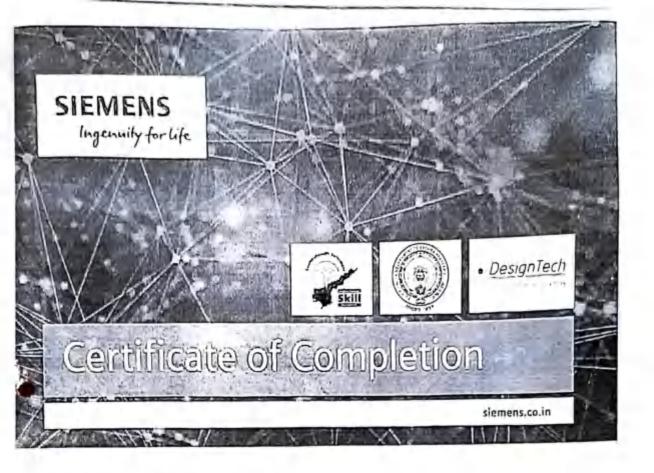
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Samuel La Come Common



This is to certify that RAJESH EGALA. bearing number APSSDC/Siemens/M/76701 has successfully completed Electronics-Home-Expert Course Conducted at Pragati Engineering College, Surampalem, Kakinada from 16-Sep-19 to 24-Sep-19

Siemens Industry Software Pvt. Ltd

APSSDC

DesignTecly/Systems Limited

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



This is to certify that	SRINIVASA RAO GUDE
bearing number, APS	SDC/Siemens/M/76685 has successfully
completed	Electronics-Home-Expert Course
	Conducted at
Pragati Engin	eering College, Surampalem, Kakinada

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

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APSSDC

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

Date: 07/09/2019

CIRCULAR

It is here by informed to all the students of III B.Tech CSE, that there will be an Add On Course going to conducted in the Computer Science and Engineering departmentas per the below schedule.

Name of the Course: Problem Solving using C Programming

Name of the Faculty: Dr.A.Radha Krishna

Start Date:

11/09/2019

End Date:

16/09/2019

Venue: Marvin Minsky Lab

Interested students are required to get enrolled in this course through their class teacher on or before 10-09-2019.

Copy to:

- 1) Principal Office
- 2) Add-On Course File
- All the HODs circulate among their students.

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DEPARTMENT OF CSE

organizes

Add-on Course on

PROBLEM SOLVING USING-C PROGRAMMING

from 11/09/2019 to 16/09/2019

Faculty Coordinator

Ms.A.Harini Assistant Professor Dept of CSE 97053 00711



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Course Objectives

The course is designed to provide Basic knowledge of C Programming. C programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the C programming language.

Duration

36 Hours (6 hours each day X 6 days)

Course Outcomes

At the end of the skill development program students got enlighten with C Software and its access that could be applied on various parts of our day to day life that could help us in completing any program in a very simple task. They learnt fundamental thing like Arrays, Strings, Pointers, and Structures etc

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Course Content

Topics Covered in 6 Days:

Day 1:

- Introduction to Problem Solving through programs, Flowcharts.Installation of Geany& TDM GCC.
- Basic Algorithms and Numerical Algorithms with an examples.
- Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching basic programs with an examples.

Day 2:

- Conditional Branching and Iterative Loops with examples.
- Arranging things: Arrays,1D array,2D array,Strings:Characterarray,string array.

Day 3:

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

Day4:

Advanced Concepts.

Day 5:

- Advanced Concepts.
- Previous TCS Code vita Questions.

Day 6:

- Previous TCS Code vita Questions.
- Assessment on Hacker earth

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Course Schedule

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Problem Solving using C Programming

Attendance Sheet

Sl. No.	Roll No	Name of the student	Signature
1	17A31B0505	Dasari Dharani Sai	D. Dlow he
2	17A31B0509	Gummadi Navya Sri Devi	G. Navya Sai
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	K. Johnson
4	17A31B0520	Kothapalli Mallika	k. Mallika
5	17A31B0526	Namala Devi Sireesha	No Ten street
6	17A31B0529	Nanduri Vinayamrutha	N. Vinayannutla
7		Neelam Sri Venkata Hari Priya	N. Poiya
8		Are Sumanth	A. Suranett
9	17A31B0539	Badugu Rammohan Rao	B. Rammohan Roa
10	17A31B0545	Gpllamudi Venkata Sai Pranay Kumar	G. Kumah
11		Mallidi Rohith Reddy	M. Bohith-Rodden
12	17A31B0556	Seela Ajay Krishna	S. Asay Exchan
13	17A31B0559	Vinnakoti Sravanth Krishna	V. Krisha
14	17A31A0564	Durgavarapu Sai Amrutha	D. Amsutha
15		Gorrela Lohitha	(little
16	17A31A0567	Guddati Jessipriyanka	S. Jose Bullandas
17	17A31A0577	Nanduri Kamala Kumari	N. Kampla Currey?
18	17A31A0578	Nanduri Vimala Kumari	N. Virala Kumdi
19	18A35B0501	Pamu Madhu Babu	P. Madhu Bah.

Signature of Coordinator

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Problem Solving using C Programming

Attendance Sheet

SI. No.	Roll No	Name of the student	11/09/2019	12/09/2019	13/09/2019	14/09/2019	15/09/2019	16/09/2019
1	17A31B0505	Dasari Dharani Sai	P	P	P	P	P	P
2	17A31B0509	Gummadi Navya Sri Devi	P	P	A	P	P	D
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	A	P	P	P	D	P
4	17A31B0520	Kothapalli Mallika	P	P	A	P	D	D
5	17A31B0526	Namala Devi Sireesha	P	P	Þ	P	P	D
6	17A31B0529	Nanduri Vinayamrutha	P	P	P	A	P	P
7	17A31B0530	Neelam Sri Venkata Hari Priya	P	P	P	P	P	À
8	17A31B0538	Are Sumanth	P	A	P	P	P	- P
9	17A31B0539	Badugu Rammohan Rao	P	P	P	P	P	P
10	17A31B0545	Gpllamudi Venkata Sai Pranay Kumar	P	P	P	P	A	P
11	17A31B0547	Mallidi Rohith Reddy	P	P	P	P	P	D
12	17A31B0556	Seela Ajay Krishna	P	P	P	P	P	D
13	17A31B0559	Vinnakoti Sravanth Krishna	P	P	P	P	D	A
14	17A31A0564	Durgavarapu Sai Amrutha	A.	P	P	P	P	b
15	17A31A0566	Gorrela Lohitha	P	P	P	P	P	D
16	17A31A0567	Guddati Jessipriyankā	P	P	P	P	P	P
17	17A31A0577	Nanduri Kamala Kumari	P	A	P	P	P	D
18	17A31A0578	Nanduri Vimala Kumari	P	P	P	P	Á	D
19	18A35B0501	Pamu Madhu Babu	P	P	P	A	Р	D

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Date: 16/09/2019

: Computer Science and Engineering Department

: 2019-2020 Academic Year

: Dr.A.Radha Krishna Name of the speaker

:Problem Solving using C Programming Title of Training Program

:11/09/2019 to 16/09/2019/MarvinMinsky Lab Date / Venue

Please evaluate on a scale of 5;

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

Usefulness of Topic: 1

Method of Delivery: 2

Related to Subject: 3

Is the Topic useful for career:

delivered ERING COLLEGE Suggestions if any: (AUTONOMOUS)

YES/NO

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Date: 16/09/2019

Department

: Computer Science and Engineering

Academic Year

: 2019-2020

Name of the speaker

: Dr.A.Radha Krishna

Title of Training Program

:Problem Solving using C Programming

Date / Venue

:11/09/2019 to 16/09/2019/MarvinMinsky Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: 1

2 Method of Delivery:

3 Related to Subject:

Is the Topic useful for career:

YES/NO

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5 Suggestions if any: OT PRAGATLENGINEERING COLLEGE (AUTONOMOUS)

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Report on Problem Solving using C Programming

Date: 25-09-2021

Resource person details

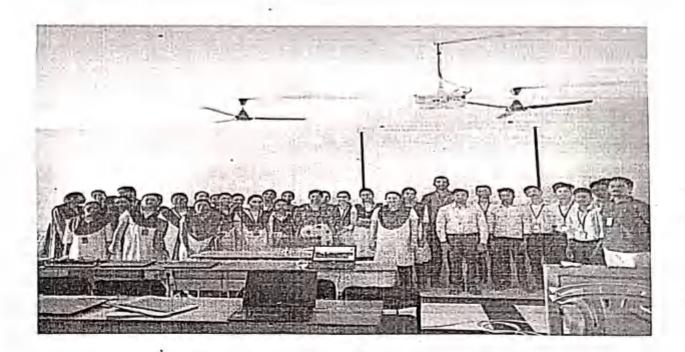
Name: Dr.A.Radha Krishna

Designation: Associate Professor

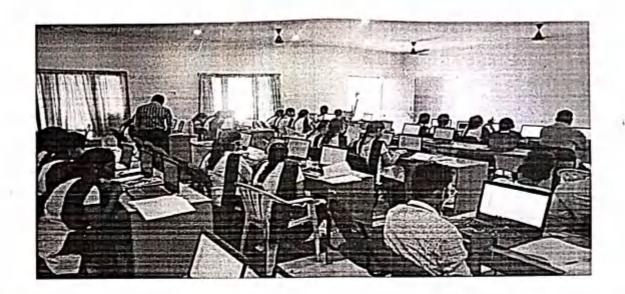
Contact details:

Phone no: 9440614466

A six day Add-on Course on "Problem Solving using C programming" was organized by the Departments of IT &CSE during 11th Sept. 2019 to 16th Sept. 2019 at Marvin Minsky Lab. A total of 19 students participated in the workshop from CSE Department. The feedback from the students has been collected.



During practice session of basics of Problem Solving through programs



During practice session of Previous TCS Code vita Questions.

Signature of the Faculty Coordinator

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Certificate of Participation

This is to certify that Mr. /Ms. Kajuluri V.N.D S. Jahnavi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on **Problem Solving using C Programming** Conducted from 11/09/2019 to 16/09/2019 organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Marini

Coordinator

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Certificate of Participation

This is to certify that Mr. /Ms. Gummadi Navya Sri Devi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on

Problem Solving using C Programming Conducted from 11/09/2019 to 16/09/2019 organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem. PRINCIPAL

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 21-11-2019

CIRCULAR

It is hereby informed to the III B.Tech II Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: PARALLEL COMPUTING

Name of the Faculty: Mrs. D Sirisha

Start Date: 26-11-2019

End Date: 02-12-2019

Time: 9.30 AM to 3.30 PM

Venue: IT Computer Lab

Interested Students must register their names through their class teacher on or before 23-11-2019.

Circulation among III IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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DEPARTMENT OF INFORMATION TECHNOLOGY
Add on Course

PARALLEL COMPUTING

Resource Person
Mrs. D Sirisha,
Associate Professor,
Dept. of IT,
Pragati Engineering College

DATE: 26-11-2019 TO 02-12-2019

- Day 1: Parallel and distributed computing architectures, shared memory processors; distributed memory processors;
- Day 2: Multicore processors, Parallel Programming: programming models
- Day 3: OpenMP for shared memory programs; MPI library for message passing;
- Day 4: Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- Day 5: Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed.
- Day 6: Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Parallel and distributed computing architectures, shared memory processors;
 distributed memory processors;
- Day 2: Multicore processors, Parallel Programming; programming models
- Day 3: OpenMP for shared memory programs; MPI library for message passing;
- Day 4: Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- Day 5: Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed.
- Day 6: Characteristics of Interactions, Mapping Techniques for Load Balancing-Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

CO-ORDINATOR

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Course Objective

The objective of this course Program is to

- Parallel Computing deals with emerging trends in the use of large scale computing
 platforms ranging from desktop multicore processors, tightly coupled SMPs, message
 passing platforms, and state-of-the-art virtualized cloud computing environments.
- To comprehend the ideas of Temporal Parallelism, Data Parallelism, and Parallel Computers.
- To get knowledge of parallel computer structures.
- To understand the mapping Techniques for Load Balancing.

Outcome of the course

Upon completion of the course student will be able to

- · Do the problems in parallel
- Be familiar with various parallel computer architectures
- Understand OpenMP for shared memory programs and MPI library for message passing, thread based programming.
- Comprehend How Parallel Computer Performance is Evaluated
- Do Matrix-vector multiplication and matrix computations

CO-DEDINATER

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REPORT

Resource person details

Name: Mrs D Sirisha

Designation: ASSOCIATE PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: hod it@pragati.ac.in

On Day 1 gave introduction to Parallel and distributed computing architectures, shared memory processors; distributed memory processors;

Typically, one machine with many processors is needed for parallel computation. On the other hand, distributed computing entails a number of independent (and frequently dispersed geographically) computer systems completing various tasks.

A shared-memory multiprocessor is an architecture with a small number of processors that all have hardware access to the whole system's main memory. This makes it possible for any system processor to access data that any other processor has already created or will utilise in the future.

A multiprocessor computer system with distributed memory is one in which every processor has access to its own private memory. Computational jobs can only work with local data; if distant data are needed, they must connect to one or more remote processors. Computational activities can only operate on local data.

On Day 2 discussed about Multicore processors, Parallel Programming; programming models.

An integrated circuit with two or more processing cores attached for improved performance and lower power consumption is called a multicore processor. Moreover, these processors allow for the more effective parallel processing and multithreading of numerous tasks.

Simply explained, parallel programming is the technique of breaking a problem down into smaller jobs that may be carried out concurrently using various computing resources.

An execution model connected to an API or a specific coding style is referred to as a programming model. The execution model of the base programming language and the execution model of the programming model are the two execution models that are really in use in this style.

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On Day 3 discussed about OpenMP for shared memory programs; MPI library for message passing;

The proposed industry standard Application Program Interface (API) for programming with shared memory is called OpenMP. It is based on the use of environment variables, library routines, and compiler directives to provide shared memory parallelism in Fortran and C/C++ programmes.

Message Passing Interface is referred to as MPI.

To communicate amongst processes (computers, workstations, etc.), MPI is employed. These messages may include data of many types, from simple types (such as numbers, texts, and so on) to actual objects.

MPI is merely an interface, therefore before you can begin writing code, you must have an implementation of MPI.

Every implementation of the interface is required to be able to perform the functions listed in the interface itself. Because they all adhere to the general interface, MPI implementations are therefore standardised. Consider MPI to be a protocol that specifies the guidelines for message passing but leaves it to implementations to implement the functions that adhere to the guidelines.

On Day 4 discussed about Thread based programming, Parallel algorithms; sorting; matrixvector multiplication;

Several applications can run simultaneously on a single processor thanks to the programming method known as multi-threading. Each application in multi-threaded programming receives a control thread that operates concurrently with all other threads in the system. The microprocessor allows enough time for each thread to execute.

An algorithm that performs many operations concurrently, as opposed to the standard serial method, is called a parallel algorithm. Serial algorithms are traditionally described in abstract machine models, frequently the one referred to as the random-access machine.

A matrix and a vector are multiplied to create a new vector in a process known as matrixvector multiplication.

On Day 5 Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed. Divide and Conquer technique, Inverse of a matrix was discussed.

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On Day 6 discussed about Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

The goal is for all tasks to be completed in the least amount of time possible after a computation has been broken down into smaller tasks. The overheads of running the activities in parallel must be kept to a minimum to obtain a short execution time. Two main sources of overhead exist for each given decomposition. One source of overhead is the time used for inter-process communication. The amount of time some processes may go without performing any work is a significant source of overhead.

Many factors can cause some processes to become idle even before the entire computation is complete. A load distribution that is uneven could lead to some processes finishing sooner than others.

In order to meet the limits imposed by the task-dependency graph, all the incomplete activities mapped onto a process could occasionally be waiting for tasks mapped onto other processes to finish. The role of mapping frequently affects both interaction and idle time. As a result, an effective task-process mapping must aim to accomplish the twin goals of (1) minimising the amount of time processes spend communicating with one another and

(2) reducing the overall amount of time some processes are idle while the others are working on certain tasks.



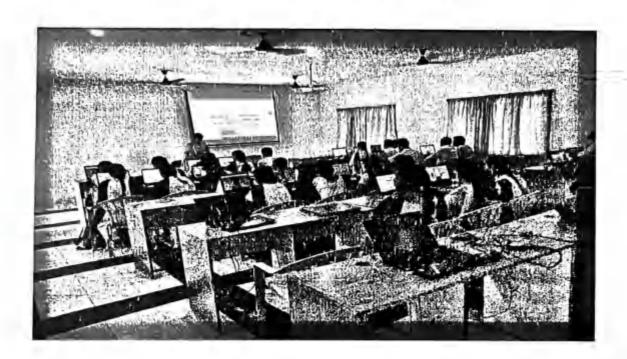
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Photographs during training session



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LIST OF STUDENTS ENROLLED

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

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	26-11- 2019	27-11- 2019	28-11- 2019	29-11- 2019	30-11- 2019	02-12- 2019
1	17A31A1201	A.Jaswanthi	P	P	P	P	Р	P
2	17A31A1212	K.Pavana Supriya	P	P	P	P	P	P
3	17A31A1214	Manyam. Monika	P	A	P	P	P	P
4	17A31A1219	N.Sravani	P	P	P	Α	P	P
5	17A31A1222	N.Tejaswi	P	P	A	P	P	P
6	17A31A1223	Palukuri Tejaswi	P	D	P	P	Α	P
7	17A31A1225	P. Srijani	P	A	P	P	P	A
8	17A31A1228	Preksha Jain	P	P	A	P	PI	P
9	17A31A1231	S.Geethika Sai Lakshmi	Α	P	P	P	P	P
10	17A31A1233	T. Sushma Reddy	P	P	P	P	P	P
11	17A31A1234	T S SKrishna Prathyusha	P	P	P	P	P	P
12	17A31A1235	T.B N Keerthana	P	P	P	Α	P	P
13	17A31A1236	V.DevaManojna	P	A	P	P	A	Þ
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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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	17A31A1201	6	6
2	17A31A1212	6	6
3	17A31A1214	6	5
4	17A31A1219	- 6	. 5
5	17A31A1222	6	5
6	17A31A1223	6	5
7	17A31A1225	6	4
8	17A31A1228	6	5
9	17A31A1231	6	5
10	17A31A1233	6	6
11	17A31A1234	6	6
12	17A31A1235	6	5
13	17A31A1236	6	4
14	17A31A1237	6	6
15	17A31A1244	6	6
16	17A31A1249	6	6

CO-ORDINATOR

A

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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date:02-12-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLE COMPUTING Value added course"

Date / Venue: 26-11-2019 to 02-12-2019 /IT Computer Lab

Please evaluate on a scale of 5;

& Excellent 4 Very Good 3 Average 2 Poor I Avoid in Future

1 Usefulness of Topic: Excellent

2 Method of Delivery: Good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

The point is very informative and looking forward to have greater implementation of learned course better.

P. Sougani

W

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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date:02-12-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLE COMPUTING Value added course"

Date / Venue: 26-11-2019 to 02-12-2019 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Very good

2 Method of Delivery: Excellent

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

The program was very effective and glad to have gained knowledge.

A. Jaswanthi

W

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(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. A • Jaswanthi Student of Information Technology,

Pragati Engineering college has actively participated and successfully completed Add-on course on

Parallel Computing conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati

Engineering college (Autonomous), Surampalem.

DATE

02-12-2019

A.S.

V

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. K. DANANA Supring Student of Information Technology,

Pragati Engineering college has actively participated and successfully completed Add-on course on

Parallel Computing conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati

Engineering college (Autonomous), Surampalem.

DATE

02-12-2019

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 17-06-2019

CIRCULAR

It is hereby informed to the II B.Tech I Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: R PROGRAMMING

Name of the Faculty: Mr. Ch Venkata Ramana

Start Date: 24-06-2019

End Date: 29-06-2019

Time: 9.30 AM to 3.30 PM

Venue: IT Computer Lab

Interested Students must register their names through their class teacher on or before 20-06-2019.

Circulation among II IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

W

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PRAGATI ENGINEERING COLLEGE

(Autonomous) DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

R PROGRAMMING

Resource Person Mr. CH Venkata Ramana, Assistant Professor, Dept. of IT, Pragati Engineering College

DATE: 24-06-2019 to 29-06-2019

- Day 1: Overview of R and R studio, Installing R and R studio, Introduction to basics of R
- Day 2: Introduction of data frames in R. Introduction to R studio and R Script
- Day 3: Indexing and slicing data frames, creating matrices using data frames, Merging and importing data
- Day 4: Data types and factors, Lists and its operations, Plotting histograms and Piechart, bar charts and scatter plot
- Day 5: Introduction to ggplot2, Aesthelic mapping in ggplot2, Data manipulation in dplyr package
- Day 6: Pipe operator, Conditional statements, Functions in R

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Overview of R and R studio, Installing R and R studio, Introduction to basics
 of R
- Day 2: Introduction of data frames in R, Introduction to R studio and R Script
- Day 3: Indexing and slicing data frames, creating matrices using data frames,
 Merging and importing data
- Day 4: Data types and factors, Lists and its operations, Plotting histograms and Pie chart, bar charts and scatter plot
- Day 5: Introduction to ggplot2, Aesthetic mapping in ggplot2, Data manipulation in dplyr package

· Day 6: Pipe operator, Conditional statements, Functions in R

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REPORT

Resource person details

Name: Mr. Ch. VENKATA RAMANA

Designation: ASSISTANT PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: ch_venkataramana@pragati.ac.in

On Day 1 discussed about Overview of R and R studio, Installing R and R studio,

Introduction to basics of R

The R Foundation for Statistical Computing supports R, a programming language and software environment for statistical computing and graphics. R is an integrated set of tools for calculating, manipulating data, and displaying graphics. It contains a capability for managing and storing data efficiently; a set of operators for array calculations, particularly matrices. A well-developed, straightforward, and efficient programming language that incorporates conditionals, loops, user-defined recursive functions, and input and output facilities, together with a sizable, coherent, integrated set of intermediate tools for data processing.

The integrated development environment (IDE) for R is called RStudio. Together with a console-based editor with syntax highlighting and direct code execution, it also has features for managing workspaces and graphing, history, debugging, and history. On the desktop (Windows, Mac, and Linux), or in a browser connected to RStudio Server or RStudio Server Pro (Debian/Ubuntu, RedHat/CentOS, and SUSE Linux), RStudio is offered in both open source and paid editions. The integrated development environment (IDE) for R, a programming language for statistical computing and graphics, is free and open-source. RStudio was established by JJ Allaire, who also founded the programming language ColdFusion.

On Day 2 discussed about Introduction of data frames in R, Introduction to R studio and R Script

Data is presented as a table in a data frame.

Data frames can contain a variety of data kinds. The second and third columns may be numerical or logical, while the first column may be character-based. The same kind of data should be in each column, though.

To build a data frame, use the data frame() function.

A text file containing (nearly) the exact same commands as you would type into R's command line is known as a R script, (nearly) refers to the requirement to wrap some commands in print() in order to obtain the same output as on the command line if you are using sink() to send the output to a file.

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On Day 3 discussed about Indexing and slicing data frames, creating matrices using data frames, Merging and importing data

Row slicing in R is a way to access the data frame rows and further use them for operations or methods. The rows can be accessed in any possible order and stored in other vectors or matrices as well. Row slicing is an important operation which is easily supported by R programming language.

data.matrix() function in R Language is used to create a matrix by converting all the values of a Data Frame into numeric mode and then binding them as a matrix.

Syntax: data.matrix(df)

Parameters:

df: Data frame to be converted.

On Day 4 discussed about Data types and factors, Lists and its operations, Plotting histograms and Pie chart, bar charts and scatter plot.

Lists in R language, are the objects which comprise elements of diverse types like numbers, strings, logical values, vectors, list within a list and also matrix and function as its element. A list is generated using list() function. It is basically a generic vector that contains different objects. R allows its users to perform various operations on lists which can be used to illustrate the data in different forms.

Creating a List

Lists in R can be created by placing the sequence inside the list() function.

Character, numeric, integer, complex, and logical are R's fundamental data types. The vector, list, matrix, data frame, and factors are some of the fundamental data structures in R.

A bar chart is a great way to display categorical variables in the x-axis. This type of graph denotes two aspects in the y-axis.

The first one counts the number of occurrence between groups.

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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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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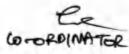
Photographs during training session











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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	18A31A1201	A.Chaitraja	A. Chaitmain
2	18A31A1204	Ch.Lakshmi Sowjanya	Source
3	18A31A1208	K.Vyshnavi Devi	k. Vydno
4	18A31A1211	K.Meghana	K. Mechana
5	18A31A1213	P.Lakshmi Sudha	Po ballone Svala.
6	18A31A1217	M. Joshna Sai Keerthi	M. Joshna Sli Keerlli
7	18A31A1220	P.Sai Mounica	P. San resun;
8	18A31A1221	Ramya Keerthi M	Panyer
9	18A31A1223	R.Ramya	Reausa
10	18A31A1224	D. S V V S K Sri Ramya	Langa
11	18A31A1225	M.Sai Sri	M. S. smi
12	18A31A1226	S.Geethika	& Guthika_
13	18A31A1228	Swarupa Mohapatra	Strobapatra
14	18A31A1231	Madhuri V	Madhier V
15	18A31A1236	T.Raja Ravindra	Ray indra'
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	Satya.
17	18A31A1245	K.Teja Hanuma	K. Teja Janumas
18	18A31A1247	L.Jagannadha Raju	Jagannadha Roin
19	19A35A1201	D.Mounika	D. Mounika

CO-ORDINATOR

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	24-06- 2019	25-06- 2019	26-06- 2019	27-06- 2019	28-06- 2019	29-06- 2019
1	18A31A1201	A.Chaitraja	P	P	P	P	P	P
2	18A31A1204	Ch.Lakshmi Sowjanya	P	P	P	P	P	P
3	18A31A1208	K.Vyshnavi Devi	P	P	P	P	P	
4	18A31A1211	K.Meghana	D	P	P	P	P	P
5	18A31A1213	P.Lakshmi Sudha	0	A	P	P	P	P
6	18A31A1217	M. Joshna Sai Keerthi	D	P	P	P	PI	P
7	18A31A1220	P.Sai Mounica	P	P	P	A	P	D
8	18A31A1221	Ramya Keerthi M	D	P	P	P	P	P
9	18A31A1223	R.Ramya	A	P	P	P	P	P
10	18A31A1224	D. S V V S K Sri Ramya	P	P	P	P	P	P
11	18A31A1225	M.Sai Sri	P	P	P	P	P	D
12	18A31A1226	S.Geethika	P	P	P	P	-	P
13	18A31A1228	Swarupa Mohapatra	P	Λ	A	P	A	P
14	18A31A1231	Madhuri V	D	P	P	P	P	P
15	18A31A1236	T.Raja Ravindra	A	P	D	P	P	P
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	P	P	A	A	p	P
17	18A31A1245	K.Teja Hanuma	P	P	P	P	P	,
18	18A31A1247	L.Jagannadha Raju	P	. A	D	P	A	A
19	19A35A1201	D.Mounika	D	P	A	P	P	P

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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 I Avoid in Future

1 Usefulness of Topic: Very Good

2 Method of Delivery: Cood

3 Related to Subject: 600

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Real time expenience what we said be must

be clear

W

s-Mohapatra



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R PROGRAMMING VALUE ADDED COURSE - FEEDBACK

Date:29-06-2019

DERARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mr. Ch. Venkata Ramana

Title of Training Program: "R PROGRAMMING Value added course"

Date / Venue: 24-06-2019 to 29-06-2019 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Excellent

2 Method of Delivery: Good

3 Related to Subject: Very Great

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good

W

R. Ranga

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. D. Mounika	_ Student of Information Technology ,
Pragati Engineering college has actively participated and	successfully completed Add -on course
R Programming conducted from 24-06-2019 to 29-06-201	9 Organized by Department of IT, Praga
Engineering college (Autonomous), Surampalem.	

DATE 29-06-2019

distr.

4



(AUTONOMOUS)

Certificate of Participation

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

DATE

29-06-2019









(Autonomous)

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

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

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

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

(Sponsored by Gayetri Educational Society)

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

DEPARTMENT OF CIVIL ENGINEERING

Surampalem, Date: 13/08/2019

CIRCULAR

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

Venue: Classroom CS-5 CIVIL DEPARTMENT BLOCK

Date: 19/08/2019

Copy to:

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



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

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

Objective of the Course

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

Topic Covered:

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

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

WEEK 3: Quantity Survey & Quantity Surveying Estimation

WEEK 4: Civil Engineering & Construction Works

(Autonomous)

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

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

OUTCOMES OF THE COURSE

Students will be able to:

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

co-ordinato

K

PRAGATI ENGINEERING COLLEGE (Autonomous)

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

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

Resource Person Details

Name: G.S.V Brahmaji Rao

Designation: Assistant Professor

Contact Details: 7396146591

Photographs during training Session





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

Department of CIVIL Engineering

STUDENTS ENROLLED for Construction Methodology Basics in Civil Engineering

S.No	Name of the Student	Roll Number	Signature
1	Allam Rama Naga Prasanna	18A31A0101	A-R N Masay
2	Dantuluri Tripura Sravya	18A31A0106	T. Smiller
3	Kammasathi Divya Teja Sree	18A31A0107	Tanker -
4	Lanka Jeevana Sruthi	18A31A0109	1 Jeenen Suthi
5	Bangaru Sai Teja	18A31A0121	Si ten
6	Kalla Siva Sai	19A35A0108	O.whi
7	Inti Anjana Devi	18A31A0161	TAND.
8	Karumuri Durga Bhargavi	18A31A0162	Wil Durge 6ho
9	Nallam Lavanya	18A31A0165	11/2011
10	Vaddi Pradeep	18A31A0171	War .
11	Barla Veera Mahalakshmi	19A35A0115	Mahalakahani
12	Pemmadi Swapna	19A35A0116	D. Carofina
13	Boddu Tejesh	19A35A0117	101
14	Gokeda Bhavani Prasanna	17A31A0103	S'R'pyalanna
15	Macha Haritha	17A31A0109	Sasuta
16	Veronica Doddigarla	17A31A0119	Veronice
17	Basa Siva Ganesh	17A31A0123	B. S. Grade
18	Gadapa Suresh'	17A31A0128	(ICI
19	Kandregula Sai Sumanth	17A31A0134	K Sal Tras
20	Kolaganti Sriram	17A31A0136	100
21	Kothapalli Siva	17A31A0137	ina -
22	Nethi Akarsh	17A31A0143	Akan
23	Bethina Satcesh	18A35A0103	B Saterle
24	Kattamuru Chandu	18A35A0112	k. chandhu

PRAGATI ENGINEERING COLLEGE



25	Sheik Khaja Mehaboob Ali	18A35A0114	had when
26	Namana Sai Naga Sindhusha	17A31A0167	Codbud
27	Sree Soumya Kothim	17A31A0172	Sumue
28	Gandham Swathi	18A35A0115	Coolin
29	Savaram Anil Kumar	18A35A0124	2000
30	Vallu Sivanadh	18A35A0127	111
31	Koduri Subhasri	16A31A0104	The same
32	Ulagati Jabili Josh	16A31A0107	William.
33	Badam Manikanta	16A31A0114	71/6-
34	Pentakota Sai Babu	16A31A0147	V. Sai Kolya
35	Kante Sai	17A35A0105	
36	Tirumani Sri Guru Charan	17A35A0115	Gum Charan
37	K Rashmitha	16A31A0162	Rashwitha
38	Yalla Rahul Raj	16A31A01B2	1 Q . Or
39	Kadali Manikanta	17A35A0123	4. manikato
40	Maji Karthik Surya	17A35A0126	NI
41	Samana Aravind	17A35A0130	1

Co-Ordinator

Resource Person

PRINCIPAL

Department of CIVIL Engineering

ATTENDANCE REPORT for Construction Methodology Basics in Civil Engineering

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

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

Co-Ordinator

Resource Person

Department of CIVIL Engineering STUDENTS ENROLLED

S.No	Name of the Student	Roll Number	Signature
1	TELAGAMSETTI CHANDRIKA	18A31A0114	do
2	ALLU SAI NAVEEN	18A31A0119	Nation.
3 .	DODDI SURENDRA RAJ	18A31A0126	Surerdia
4	KUTAN KUMAR RAJA	18A31A0137	This?
5	CHALAMCHARLA AAKASH	19A35A0106	A
6	NACHIREDDY SAI SANDEEP	19A35A0111	21
. 7	THOTA MOHAN	19A35A0113	MJ
8	PILLA VICTOR SPENNER	19A35A0128	118
9.	BONDA SRI SAI DIVYA	18A31A0154	De Dige
-10	KARUMURI DURGA BHARGAVI	18A31A0162	De .
11	V LAKSHMI DURGA	18A31A0169	Larmi
12	B DILIP SAI BHAGAVAN	18A31A0176	1.
13	MALLI MANIDEEP	18A31A0184	Marideep
14	PENKEY SRI AASHISH	18A31A0194	Adi
15	SYED GHOUSE	18A31A01A1	17
16	BODDU TEJESH	19A35A0117	1001
17	VOOLURU MEGHASHYAM	19A35A0124	TO .
18	SUTHAPALLI SIVAMANIKANTA	18A31A01A0	S. S. Manibarta
19	DUGGADA YEMEEMA SWETHA	19A31A0104	S. S. Introduction

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

Resource Person



Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt:	90 191	Dt:	80 08	Dt:	21/08	De	22 08	Dt:	23/08	Dt:	26/08	Dt:	27 09
	1	2	3	4	5	6	7	8	9	10	11	12	13	
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	A	14
18A31A0106	P	P	P	P	P	P	P	P	P	P	P	P		A
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	-	
18A31A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	P	P	P	P	P	P	P	P	,	P	
18A31A0161	P	P	P	P	P	P	P	P	P	,		P	-	P
18A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0165	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	,	P	P	P	P
19A35A0115	P	P	P	P	P	P	P	1		P	P	P	P	P
19A35A0116	P	P	P	P	P	P	-	P	P	P	P	P	P	P
19A35A0117	P	P	P	1			P	P	P	P	P	P	P	Р
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P	100	P	P	P	P	P	P	P	P	-	P	P
17A31A0119	P	P	P	P	P	A	P	P	P	-	P	P	P	P
7A31A0123	P	-			P	P	P	P	P	P	P	P	P	P
7A31A0128	-	P	Α	Α	P	P	P	P	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	P	P	P	P	P	P	P	P	P	P	P	P	Р	P
7A31A0143	P	P	P	P	A	P	P	P	P	P	P	P	P	P
8A35A0103	P	P	P	P	A	A	P		P	P	P	P	P	P

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

Co-Ordinator

Resource Person



PRINCIPAL

PRAGATI ENGINEERING COLLEGE

1-378 AOB Road, Surampeters, E. O. District A.P.: 633 437
ACTE & Personal Address of MINR, Resonate & Accretion Stry NAAC and congressed by UGC Under Sections 2 (f) and 12 (b) of UGC sec. 1984) 52233 252234, 262235. Fair 252232 Wathelie www.prayab.ee in (Eponsored by Cayatri Educational Society) Amendidation Park Hamil Stronger, Resemble 1 Ft. 6664 - 2365000.

Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Busics in Civil Engineering

Roll No.	Di:	28/08	De	29/08	Di	30/0	8 1	16.0	80	Dt: C	3/00	De	04/0	9 D	05/
	15	16	17	18	10	1 20	0 2	1	2.2	23	24	1	1	-1	
18A31A0101	P	P	P	P	P	,			P	P	P	P	-	-	-
18A31A0106	P	P	P	1	P	+			P	P	P	+	+	P	-
18A31A0107		-	P		R	+	1	-	-	P	P	P	1	F	1
18A31A0109	_	P	P	P	A	+		+		P	P	P	P	P	-
18A31A0121		P	P	P	P	+	F	-		0	P	P	1	P	-
19A35A0108	P	P	P	A	P	1	1	-	- 1		-		P	+	1
18A31A0161	P	P	P	P	P	1	P			P	P	P	P	P	1
18A31A0162		P	P	P	P	P	1	1		2	P	P	P	P	1
18A31A0165	P	P	P	P	P	P	+	1	-	P	P	P	P	P	P
18A31A0171	P	P	P		-		P		1.		P	P	P	P	P
19A35A0115	P	P	T.	P	P	P	P	+	-		P	P	P	P	P
19A35A0116	P	D	P	P	P	P	P		-	-	2	P	P	P	P
19A35A0117	P	P	P			P	P	1	-		P	P	P	P	P
17A31A0103	P	0	D	P	P	P	P	1	1	-	2	P	P	P	P
17A31A0109	P	~			P	P	P	P	P			P	P	P	P
7A31A0119	P		P	P	P	P	P	P	1		2	P	P	P	P
7A31A0123	P		P		P	P	P	P	P	7 12		P	P	P	P
7A31A0128	P		P	-	A	P	P	P		1		P	P	P	P
7A31A0134	•	P	P	1	P	P	A	A	P	1	-	2	P	P	P
7A31A0136	P		P	P	P	P	P	P	P	F	> 1	P	P	P	P
7A31A0137					P	P	P	P	P	F	1	>	P	P	P
7A31A0143	P	-	2	_	2	P	P	P	P	F	> F	2	P	P	P
8A35A0103	P	P	2	P	P	P	P	P	P	F	1	>	P	P	P
	P	PIF	1	PIF	1	P	P	P	P	P	F	>	P	P	P



PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

18A35A0112	1 4	P	10	IP	10	10	10	10	10	1	10	10		To
18A35A0114	P	-	1,	1	1	1.	1	1	1	-	1	1	P	P
17A31A0167	P	1	-	1			1	100	1.	P	P	P	P	P
17A31A0172	1	-	1	-	-1-1	P	P	P	P	P	P	P	P	P
18A35A0115	1	P	-	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	1	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	
18A35A0127	P	P	P	P	P	P	P	P	P	P	1			P
16A31A0104	P	P	P	P	A	A	P		1		P	P	P	P
16A31A0107	P	P	P	P	P			P	1	P	P	P	P	P
16A31A0114	P	P	P	P		P	P	P	P	P	P	P	P	P
16A31A0147	-	1		-	P	P	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0115	P	P	P	P	A	A	P	P	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	
	P	P	P	P	P	P	P	P	P	P	P	-		P
16A31A01B2	P	P	P	P	P	P	P	P		-		P	A	A
17A35A0123	P	P	P	P			,	-	P	P	P	P	P	P
17A35A0126	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	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator

Resource Person





(Autonomous)

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

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

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

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

Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt. C	9	Dt: 7 9		Dt: c	Dt: 9 9		109	Dt:	11/9	Dt: 12/9		Dt: 13/9	
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0106	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0121	P	P	A	A	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A31A0161	P	P	P	P	P	P	P	P	P	P	P	A	P	P
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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
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Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

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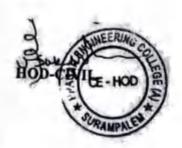


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Co-Ordinator

Resource Person





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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/2019

DEPARTMENT

: CIVIL

ACADEMIC YEAR

2019 - 2020

NAME OF THE SPEAKER

: G.S. V Bramaji; Rao

TITLE OF TRAINING PROGRAM

: Construction methodology Basics

in civil Engineering

DATE/VENUE

: 19/8/2019

CS-5-CIVIL Dept block.

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

13

2. Method of Delivery

5

3. Related to Subject

5

4. Is the topic useful for career

4

5. Suggestion if any

Signature/ Name of the Student
(Optional)

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

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/2019.

DEPARTMENT

civil

ACADEMIC YEAR

: 2019-2020.

NAME OF THE SPEAKER

: G.S. V Bramaji Rao.

TITLE OF TRAINING PROGRAM

: construction methodology Basics.

DATE/VENUE

: 19/8/2019.

CS-5- civil Dept block.

Please Evaluate on a scale of 5:

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3-Average

2 - Poor

1-Avoid

1. Usefulness of topic

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2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

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Signature/ Name of the Student

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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/20/9

DEPARTMENT

CIVIL

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: G.S.V Bramaji Rao

TITLE OF TRAINING PROGRAM

: Construction methodology Basics in Civil Engineering

DATE/VENUE

: 19/8/2019

CS-5- CiVIL Dept block

Please Evaluate on a scale of 5:

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3 - Average

2 - Poor

1 - Avoid

Usefulness of topic

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Method of Delivery

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3. Related to Subject

: 5

4. Is the topic useful for career

5. Suggestion if any

G.B. prasanna

Signature/ Name of the Student (Optional)

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Date: 14/9/ 20/9

DEPARTMENT

civil

ACADEMIC YEAR

: 2019-2020

NAME OF THE SPEAKER

: 600 G. S.V. Branoji Ros

TITLE OF TRAINING PROGRAM

: Construction relladology K-jils

DATE/VENUE

: 19/8/2019

CS-5- civil Dept & lock

Please Evaluate on a scale of 5:

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3 - Average

2 - Poor

1 - Avoid

Usefulness of topic

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2. Method of Delivery

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3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature/ Name of the Student

(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 14/9/19

DEPARTMENT

CIVIL

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: G.S.V · Bramajji Rao

TITLE OF TRAINING PROGRAM

: construction methodology Basis

in Civil Engineering

DATE/VENUE

: 19/8/2019

CS-5- CivilDePt block

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

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1. Usefulness of topic

2. Method of Delivery

3. Related to Subject

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5. Suggestion if any

Signature/ Name of the Student (Optional)

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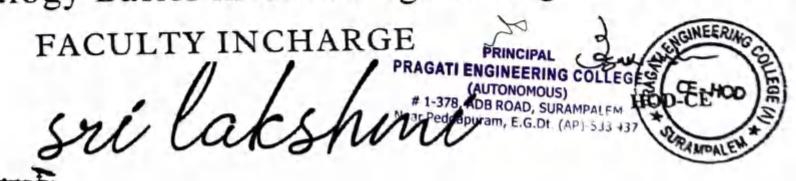
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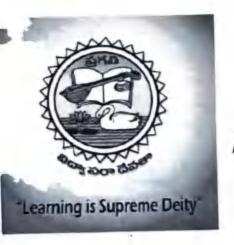
PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

KATTAMURU CHANDU

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





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PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

BETHINA SATEESH

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

FACULTY INCHARGE

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DEPARTMENT OF CIVIL ENGINEERING

Surampalem, Date: 21/01/2020

CIRCULAR

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

Venue: Classroom CF-3 CIVIL DEPARTMENT BLOCK

Date: 27/01/2020

Copy to:

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

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D No. 2-24-L/2, Ground Floor, Janmabhoomi Park Road, Brinagar, Kakinada - 3, Ph.: 0684 - 2355900, Fax. 2363900

Objective of the Course

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

Topic Covered:

WEEK 1: Introduction to Environmental Geomechanics

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

WEEK 2: Scope and Trends of Environmental Geomechanics

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

WEEK 3: Nature of Soil

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

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OUTCOMES OF THE COURSE

Students will be able to:

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

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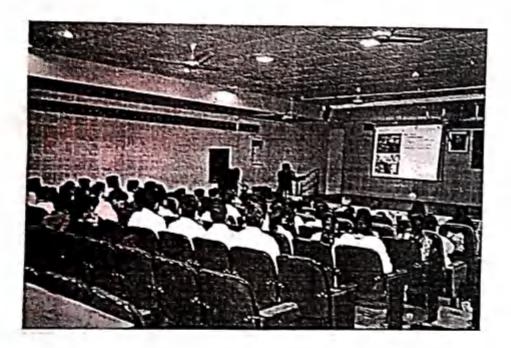
Resource Person Details

Name: A. Ravi Teja

Designation: Assistant Professor

Contact Details: 9703544382

Photographs during training Session





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Department of CIVIL Engineering

STUDENTS ENROLLED for Introduction to Environmental Geomechanics

S.No	Name of the Student	Roll Number	Signature
1	Avala Yamini	18A31A0103	Λ
2	Chukka Umadevi	18A31A0105	Hanim
3	Lanka Jeevana Sruthi	18A31A0109	G. UMa du
4	Allu Sai Naveen	18A31A0119	Stuther
5	Donam Sridhar	18A31A0127	Morrene
6	Koduri Jaya Ram	18A31A0134	Judhar
7	Vanga Taraka Rama Siva Sai	18A31A0149	Jaya Ramp
8	Kalla Siva Sai	19A35A0110	VIV Sear
9	Thota Mohan	19A35A0113	Kalla Sivo
10	Kursala Keerthana	18A31A0163	1 Johans
11	Vaddi Pradeep	18A31A0171	Keerlyana
12	Chandaka Nani	19A35A0118	Onds fradery
13	Vandrasi Shyam	19A35A0121/	Vandowie Shy
14	Pemmadi Ramya	17A31A0114	D
15	Addamki Sivaram	17A31A0121	A Citi on a
16	Kurma Sriram	17A31A0136	A. SVa MaA
17	Sampara Issac Chandan	17A31A0151	Onisam
18	Kattamuru Chandu	18A35A0112	Mali
19	Visanala Srilekha	17A31A0174	Calable
20	Chittiprolu Naga Ramesh	17A31A0181	My 1
21	Gandham Swathi	18A35A0115	myakaus
22	Gurrala Sonali	18A35A0116	Scattie
23	Kunduru Sumanth	18A35A0121	a sonti
24	Thirukoti Vikranth	18A35A0126	Komenth

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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 Sesha Sai	16A31A0182	
33	Kuna Sai Swaroop	16A31A0189	
34	Kukkala Raju	17A35A0124	

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Co-Ordinator

Resource Person

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Department of CIVIL Engineering

ATTENDANCE REPORT for Introduction to Environmental Geomechanics

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

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

34	17A35A0124	44	43
33	16A31A0189		
32	16A31A0182	44	44
31	16A31A0173	44	44
30	16A31A0170 ·	44	44
29	17A35A0105	44	42
28	17A35A0104	44	44
27	17A35A0101	44	43
26	16A31A0140	44	44
25	16A31A0119	44	44
24	Charles To the Control of the Contro	44	44

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Co-Ordinator

Resource Person

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

1.376 ADB Road, Surampalam, E Q District, A P - 833-437

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Ph. 08852 - 252233 252234, 202235, Fax. 252232, Webster, www.preget.ec.

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Javandricz et Park Hand Strager Habroods - 3 Ph. 0884 - 23/5600 Fax. 7383693 Die 1-24-4/2 Greent Face

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

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

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-37R, ADB ROAD, SURAMPALEM 7, E.G.Dt. (AP)-533 437

18A35A0121	P	P	P	P	P	P	P	P	P	p	P	P	10	P
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16/31/0119	p	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0140	P	P	P	P	P	P	P	P	P	P	0	P	P	P
17A35A0101	P	P	P	A	P	P	P	P	P	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	P	P	D	D	P	P	P
17A35A0105	P	P	P	P	P	P	P	P	P	0	D	P	P	P
16A31A0170	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0173	P	P	P	P	P	P	Р	P	P	0	P	P	P	P
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16A31A0189	P	P	Ρ	P	ρ	P	P	P	P	P	P	P	P	P
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Jennabhormi Park Road Striege: Kahmada - 3 Ph. D884 - 7355600, Fee. 2353600 D to 2-74-417 Grown Plant

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt:	4-2-70	Dt:	5-7-10	DI: 6	-J-Je	Dt: =	7-7-71	Dt: <	3-210	Dt: 1	0-2-10	Dt: 1	1-2-2
	15	16	12	16		20	21	22	25	24	25	26	27	28
18A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0105	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109		P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0127		P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0134		A	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0110	P	P	P	P	P	P	Р	P	ρ	P	P	P	P	P
19A35A0113	P	P	P	P	P	P	P	P	A	P	P	P	P	P
18A31A0163	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	Р	P	P	P	P	P	P
19A35A0118	P	P	P	A	P	P	P	P	P	P	P	P	P	P
19A35A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0114	P	P	P	P	P	A	P	P	P	P	P	P	P	A
17A31A0121	P	P	P	P	P	D	P	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0151	P	P	P	•	P	P	P	P	P	P	P	P	P	P
8A35A0112	P	P	P	-	P	P	P	P	P	1	P	P	P	P
7A31A0174	P	•	P	-	P	P	P	P	P	P	P	P		P
7A31A0181	P	P	P	•	P	P	P	P	P	D	P	P	P	
8A35A0115	P	10.7	P		A	P	P	P	P	P	rico.	-	P	P
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18A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P.
16A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0140	P	P	P	P	P	P	P	9	P	P	P	P	P	P
17A35A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	P	P	P	P	A	Р	P	P	P	P	P
16A31A0170	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0173	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0182	P	P	P	P	P	P	P	P	P	Р	P	P	P	P
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Resource Person



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[Epomeored by Cayatri Educational Sectory]

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

Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Du	7-7-70	Dt: [3-3-10	Dt: 1	4-1-10	Dt: 1	5-2-X	Dt (7-7-10	De y	B-7-10	De y	9-7-7
	59	30	31	37	33	34	35	36	37	38	39	40		42
18A31A0103	P	P	P	P	P	P	P	P	P	P		1 36	P	1.
18A31A0105	P	P	P	P	P	P	P	P	P	P	P	P		P
18A31A0109	P	P	P	P	P	P	P	P	-	P			P	P
18A31A0119	P	P	P	P	P	P	9.00	-	P	1	P	P	P	P
18A31A0127	P	P	P	P	P	•	P	P	P	P	P	P	P	P
18A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	A	P	P	P		100		P	P	P	P	P	P	P
19A35A0110	P	P	P	D	P	P	P	P	P	Р	P	P	P	P
19A35A0113	P	P			-	P	P	P	P	P	P	P	P	P
18A31A0163	P	P	P	P	P	P	P	P	P	A	Ρ	P	P	P
18A31A0171	P	'		P	P	P	P	P	P	P	P	P	P	P
19A35A0118		P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0121	P	P	P	P	P	٨	P	P	P	P	P	P	P	P
17A31A0114	P	Р	P	P	P	P	Р	P	Р	P	P	P	P	P
17A31A0121	P	P	P	P	P	P	P	P	Р	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0151	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0174	Р	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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8A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-37R, ADB ROAD, SURAMPALEM " E.G.Dt. (AP)-533 437

18A35A0121	A	P	P	P	P	A	P	P	P	R	P	P	P	P
18A35A0126	P	P	P	P	P	P	P	P	P	P	0	P	P	
16A31A0119	P	P	P	P	P	P	P	10000	P	P	0	0	P	P
16A31A0140	P	P	P	P	P	P	P	P	P	P	P	D	P	0
17A35A0101	P	P	P	P	P	P	P	P	P	P	P	P	0	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P		D	P
17A35A0105	P	P	P	P	P	0	P	P	-	A	•	P	P	P
16A31A0170	P	P	P	P	P	0	P	P	P		P	P	P	P
16A31A0173	P	P	P	P	P	P	P	P	P	P	0	P	0	P
16A31A0182	P	P	P	P	P	P	P	P	P	P	-	P	r	P
16A31A0189	P	D	P	P	P	6	P	Δ	P	P	P	P	P	P
17A35A0124	P	P	Р	P	P	P	P	·P	P	P	P	P	A	P

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Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 2	0.140	Dt:	Dt:	Dt:		Dt:		Dr:		De
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18A31A0103	P	P									
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18A31A0109	P	P									1
18A31A0119	P	P							1		
18A31A0127	P	P								1	1
18A31A0134	P	P								1	1
18A31A0149	P	P							1		1
19A35A0110	P	P								1	1
19A35A0113	P	12							1	-	1
18A31A0163	A	P								1	1
18A31A0171	P	P						1			+
19A35A0118	P	P							-		+
19A35A0121	P	P							1	-	+
17A31A0114	P	P						1	1	+	+
17A31A0121	Р	P							+	-	+
17A31A0136	P	P				-		-	1	1	-
17A31A0151	P	P						+		-	+
18A35A0112	P	P					-		-	-	+
17A31A0174	P	P						-	-	-	+
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Resource Person



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Department of CIVIL Engineering

FEEDBACK FORM

DEPARTMENT

: CIVIL Engineering

ACADEMIC YEAR

: 2019 - 2020

NAME OF THE SPEAKER

: A. Raviteja

TITLE OF TRAINING PROGRAM

: Introduction to envisonmental

Greomechanics

DATE/VENUE

: CF-3 27/01/2020

Please Evaluate on a scale of 5:

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

Signature/ Name of the Student (Optional)

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- Onne J. - 202233, 202234, 202238, Fas | 202237, Website | www.pregetine.in.

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT

: Civil Engineering

ACADEMIC YEAR

: 1019 - 2020

NAME OF THE SPEAKER

: A. Ravileja

TITLE OF TRAINING PROGRAM

: Introduction to environmental

Geo mechanics

DATE/VENUE

: CF-3. 29/01/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avold

Usefulness of topic

: .5

Method of Delivery

: 4

3. Related to Subject

: 5

4. Is the topic useful for career

: 5

5. Suggestion if any

Signature/ Name of the Student (Ontional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT

: cruit Engreening

ACADEMIC YEAR

NAME OF THE SPEAKER

TITLE OF TRAINING PROGRAM

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

DATE/VENUE

: CF-3 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

: 5

2. Method of Delivery

: 4

3. Related to Subject

: 5

4. Is the topic useful for career

: 5

5. Suggestion if any

Signature/ Name of the Student (Optional)

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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

Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature ame of the Student

(Optional)

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Ph. 08852 - 282233, 282234, 282235, Fax: 262232, Website: www.pragati.ac in

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D.No. 2-34-4/2, Ground Finor, Jannabhoomi Park Road. Srinager, Kakinada - 3, Ph. 0884 - 2345900.

Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/2/2020

DEPARTMENT

ACADEMIC YEAR

NAME OF THE SPEAKER

TITLE OF TRAINING PROGRAM

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

DATE/VENUE

: CF-3 ; 27/1/2020

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3-Average

2 - Poor

1-Avoid

1. Usefulness of topic

Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

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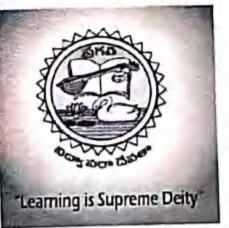
Signature/ Name of the Student

(Optional)

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS), SURAMPALEM, ANDHRA PRADESH

PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING
This certificate is presented to:

KUKKALA RAJU

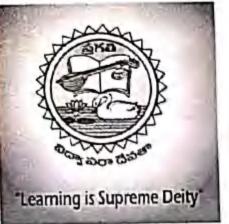
For participating in the Workshop of "Introduction to Environmental Geomechanics" on 20/01/2020

FACULTY INCHARGE

PRINCIPAL COLLEGES

1-378, ADB ROAD, SURAMPALEM

PAMPALEN*



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS), SURAMPALEM, ANDHRA PRADESH

PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING
This certificate is presented to:

KUNA SAI SWAROOP

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

FACULTY INCHARGE

PRINCIPAL)
PRAGATI ENGINEERING EUL

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

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PLASTIC WASTE MANAGEMENT

PROF. BRAJESH KUMAR DURLY

Department of Civil Engineering #11 Kharagran

PRE-REQUISITES : Basic Environmental Science, Basic Differential Equations, Basic Chemistry

INTENDED AUDIENCE: Civil and Chemical Engineering BToch programs, Environmental Engineering and Environmental Science Masters and Doctoral Programs

INDUSTRIES APPLICABLE TO : AECOM, Humky, Environmental Resource Management (ERM). SENES/ARCADIS, Waste Management related companies, Govt. Agencies

COURSE OUTLINE :

This course will focus on 1. Introduction of Plastic pollution as a global problem today. 2. What is Plastic Waste? The Magnitude of the problem on global scale and in Indian context. Plastic in Ocean and impact on sea life and economy. 3. What is the nature and complexity of this problem and what could be the best way to manage the plastic waste and how to mitigate the risk from plastic waste. 4. Plastic Waste Management Rules 2016, Recent Plastic Bans and the use of Extended Producer Responsibilities (EPR) concepts in managing Plastic waste in India. 5. Best Practices of Managing Plastic Waste from around the World including use of Plastic waste in road (experience from Indian context and other countries) 6. Way forward – how to manage this waste stream applying state of the art technologies

ABOUT INSTRUCTOR:

Prof. Brajesh Kr. Dubey has his bachelors degree in Civil Engineering (Hons) from Indian Institute of Technology (IIT) Kharagpur, India and PhD in Environmental Engineering Sciences, University of Florida, Gainesville, Florida, USA. He is presently Associate Professor (Integrated Waste Management and Sustainable Engineering) in the Division of Environmental Engineering and Management at Indian Institute of Technology (IIT), Kharagpur, India, Dr. Dubey has more than 17 years of research, teaching, training and industrial outreach experience in the areas of Integrated Solid and Hazardous Waste Management, and Sustainable Engineering and Application of Life Cycle Assessment techniques. He also works in the area of Life Cycle Analysis and Sustainable Engineering. He has been teaching courses in the area of Solid Waste Management, Hazardous Waste Management, Life Cycle Analysis and Environmental Risk Assessment among other courses for nearly a decade. He has taught at several universities in USA, Canada, New Zealand, China and India. He has also conducted training programs in the Integrated Waste Management areas including that for Electronics Waste. Dr. Dubey has authored/co- authored more than 200 publications in his area of expertise and have presented at several national and international conferences. He has worked as Waste Management Expert for UN agencies and World Bank.

COURSE PLAN:

- Week 1: Plastics What it is 7 Types, Uses and Global Statistics
- Week 2: Plastic Waste Sources, Production, Global and Indian Context
- Week 3; Plastic Waste Management Rules 2016 (India) and Global Rules and Regulations
- Week 4: Plastic Bans including China Sword Policy implication on global plastic waste management
- Week 5: Impact of Plastics on Marine Life, Effect on Wildlife, Human Health and Environment
- Week 6: Plastic Waste Management Practices Use of Plastic waste in roads, issues and challenges
- Week 7: Possible Alternate Materials to Plastics Greener Alternatives
- Week 8: Plastics Resource Recovery and Circular Economy.

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(Recognized by UGC Under Sections 2(0) and 12 (B) of UGC act, 1956)

Ph. 08852 – 252213, 14 Website: www.pragati.ac.in

DEPARTMENT OF CIVIL ENGINEERING

List of Registered Students

Name of The Program: Plastic Waste Management

Academic Year: 2018 - 2019

S.No	Roll.No	Name of the Student	Dept	Duration	Certified (Yes/No)
1	17A31A0101	MONISHA CHANDRAGIRI	Civil	Feb - March 2019	Yes
1			Civil	Feb - March 2019	Yes
2	17A31A0104	K.SWETHA			Yes
3	17A31A0147	PEDDIREDDY NAVEEN REDDY	Civil	Feb – March 2019	165
	4742440160	CH. VSVL. PRIYANKA	Civil	Feb - March 2019	Yes
4	17A31A0160			Feb - March 2019	
5	17A31A01B4	TILLAPUDI VINAY TEJA	Civil	reb - March 2019	103

Coordinator

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NETHI.AKARSH

for successfully completing the course

Plastic Waste Management

with a consolidated score of

86

Online Assignments 24.42/25

Proctored Exam

61.5/75

Total number of candidates certified in this course: 1904

Feb-Apr 2019 (8 week course) A. GOSHAML

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19CE07S62090187



To validate and check scores: http://nptel.ac.in/noc



Elite

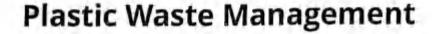
NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

MAMILLAPALLIPAVANKALYAN

for successfully completing the course



with a consolidated score of

Online Assignments 24.17/25

Proctored Exam

57/75

Total number of candidates certified in this course: 1904

Feb-Apr 2019 (8 week course) A. GOSHAMU

Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur



Indian Institute of Technology Kharagpur







DIGITAL LAND SURVEYING AND MAPPING (DLS&M)

PROF. JAYANTA KUMAR GHOSH

Department of Civil Engineering HT Booken

TYPE OF COURSE: Roron | Eloctiva | UG COURSE DURATION : 8 weeks

PRE-REQUISITES : Basics of Physics and mathematics upto 12th standard and familiarity with use of computor

INTENDED AUDIENCE: Diploma/Degree students in Civil Engineering/Geo-spatial technology; Master/Degleral students in Geomatics/Geospatial technology; Field surveyors; Professional persons dealing with Land surveying.

INDUSTRIES APPLICABLE TO: http://dir.indiamart.com/impcat/topographicsurvey-services.html

COURSE OUTLINE:

The objective of the course is to provide basics of digital surveying and mapping of earth surface using total station, GPS and mapping software. The course starts with introduction to land surveying followed by fundamentals of total station and its working & measurements for land surveying. Then, fundamentals, working & measurements using GPS for land surveying will be discussed. Followed by mapping fundamentals, digital surveying procedure, working, data reduction etc. Finally, the course will deals with working and demonstration of a digital land surveying and mapping of an area. This course will uncover all the major topics in pericyclic reactions and organic photochemistry. In addition to lectures there will be tutorial sessions and assignments in this course.

ABOUT INSTRUCTOR:

Prof. Jayanta Kumar Ghosh is working as Associate Professor in the Civil Engineering Department (Geomatics Engineering Group) of Indian Institute of Technology Roorkee. He is engaged in teaching, research and consultancy works in Geomatics engineering for more than 31 years. He is pioneer in introducing courses on GPS surveying in the UG & PG curriculum of Engineering education in India, since 1999. He has conducted many short term courses on Surveying for the building professionals as early as 2000. He has published TWO books on Surveying Elementary Engineering Surveying and Introduction to GPS Surveying. He is member of different National and International technical associations.

COURSE PLAN:

Week 1: Fundamentals of Land Surveying & GPS

Week 2: Global Positioning System (GPS)

Week 3: Global Positioning System (GPS)

Week 4: TOTAL STATION(TS)

Week 5: TS & DIGITAL LAND SURVEYING (DLS)

Week 6: DLS& DIGITAL MAPPING (DM)

Week 7: DM & DIGITAL DATA MANIPULATION (DDM)

Week 8: DIGITAL LAND SURVEYING AND MAPPING (DLS&M)

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DEPARTMENT OF CIVIL ENGINEERING

List of Registered Students

Name of The Program: Digital Land Surveying and Mapping

Academic Year: 2019 - 2020

S.No	Roll.No	Name of the Student	Dept	Duration	Certified (Yes/No)
1	16A31A0176	CHELLURI VINAY SAI SANATH REDDY	Civil	Feb - March 2019	Yes
2	17A31A0112	N.VEERA SOWMYA LAKSHMI	Civil	Feb - March 2019	Yes
3	17A31A0159	BOBBARADA PAVANI SWETHA	Civil	Feb - March 2019	Yes
4	17A31A01B3	T SAI VENKATA SIVA RAM	Civil	Feb - March 2019	Yes

Coordinator

1

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1-378, ADB ROAD, SURAMPALEM

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



NPTEL Online Certification



(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

BOBBARADA.PAVANI SWETHA

for successfully completing the course

Digital Land Surveying And Mapping (DLS & M)

with a consolidated score of

Online Assignments 24.58/25 Proctored Exam 17.25/75

Total number of candidates certified in this course: 628

Prof. B. K. Gandhi rdinator, Continuing Education Centre NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019 (8 week course)

swayam

Roll No: NPTEL19CE09S32090189

To validate and check scores: http://nptel.ac.ln/noc

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



NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)

N.VEERA SOWMYA LAKSHMI

for successfully completing the course

This certificate is awarded to

Digital Land Surveying And Mapping (DLS & M)

with a consolidated score of

Online Assignments 22.96/25 Proctored Exam

19.5/75

Total number of candidates certified in this course: 628

Prof. B. K. Gandhi Coordinator, Continuing Education Centre NPTEL Coordinator, ITT Roorkee

Feb-Apr 2019 (8 week course)

swayam

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19CE09S32090344

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



INTRODUCTION TO INTERNET OF THINGS

PROF. SUDIP MISRA

Department of Computer Science and Engineering IIT Kharagpur

PRE-REQUISITES: Basic programming knowledge

INTENDED AUDIENCE: CSE, IT, ECC, EE, Instrumentation Engineering, Industrial Engineering

COURSE OUTLINE :

Internet of Things (IoT) is presently a hot technology worldwide. Government, academia, and industry are involved in different aspects of research, implementation, and business with IoT IoT cuts across different application domain verticals ranging from civilian to defence sectors. These domains include agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IoT. Today it is possible to envision pervasive connectivity, storage, and computation, which, in turn, gives rise to building different IoT solutions. IoT-based applications such as innovative shopping system, infrastructure management in both urban and rural areas, remote health monitoring and emergency notification systems, and transportation systems, are gradually relying on IoT based systems. Therefore, it is very important to learn the fundamentals of this emerging technology.

ABOUT INSTRUCTOR:

Prof. Sudip Misra is a Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology Kharagpur. Prior to this he was associated with Cornell University (USA), Yale University (USA), Nortel Networks (Canada) and the Government of Ontario (Canada). He received his Ph.D. degree in Computer Science from Carleton University, in Ottawa, Canada. He has several years of experience working in the academia, government, and the private sectors in research, teaching, consulting, project management, architecture, software design and product engineering roles. His current research interests include Wireless Ad Hoc and Sensor Networks, Internet of Things (IoT), Computer Networks, Learning Systems, and algorithm design for emerging communication networks. Prof. Misra is the author of over 260 scholarly research papers, including 140+ reputed journal papers. He has won seven research paper awards in different conferences.

COURSE PLAN:

Week 1: Introduction to IoT: Part I, Part II, Sensing, Actuation, Basics of Networking: Part-I

Week 2: Basics of Networking: Part-II, Part III, Part IV, Communication Protocols: Part II, Part II

Week 3: Communication Protocols: Part III, Part IV, Part V, Sensor Networks: Part II, Part III

Week 4: Sensor Networks: Part III, Part IV, Part V, Part VI, Machine-to-Machine Communications

Week 5: Interoperability in IoT, Introduction to Arduino Programming: Part I, Part II, Integration of Sensors and Actuators with Arduino: Part I, Part II

Week 6: Introduction to Python programming, Introduction to Raspberry Pi, Implementation of IoT with Raspberry Pi

Week 7: Implementation of IoT with Raspberry Pi (contd), Introduction to SDN, SDN for IoT

Week 8: SDN for IoT (contd), Data Handling and Analytics, Cloud Computing

Week 9: Cloud Computing(contd), Sensor-Cloud

Week 10: Fog Computing, Smart Cities and Smart Homes

Week 11: Connected Vehicles, Smart Grid, Industrial IcT

Week 12: Industrial IoT (contd), Case Study: Agriculture, Healthcare, Activity Monitoring

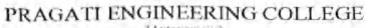


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(Apparent by AB-T1: Permanents Affiliated to INTIR. Kakusoda, According by NAAC with 'A. Grade).

(Resignment by UCs: Under Sections 20 and 12 (ii) of UCs: act. 1936).

Ph. 1985.7 — 157-713, 14 Website seems pregnature in

List of Registered Students

Name of the Program: Introduction to Internet of Things

A.Y: 2019-20

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1,	17A31A0202	Immandi Sindhu	EEE	July to October 2019	Yes
2.	17A31A0208	Mavireddy Vijaya Lakshmi	EEE	July to October 2019	Yes
3.	17A31A0211	Mutya Sai Srikari	EEE	July to October 2019	Yes
4.	17A31A0223	Annamraju Jagan Mohan	EEE	July to October 2019	Yes
5.	17A31A0228	Dowrla Chandra Likhit Kumar	EEE	July to October 2019	Yes
6.	17A31A0229	Erigila Nitish Kumar	EEE	July to October 2019	Yes
7.	17A31A0244	Ravipati Akhil Ganesh	EEE	July to October 2019	Yes
8.	17A31A0246	Sanipilli Sai Satish	EEE	July to October 2019	Yes
9.	17A31A0258	Yedidhi Srinivas Manohar	EEE	July to October 2019	Yes
10.	17A31A0260	Bethina Vaishnavi Devi	EEE	July to October 2019	Yes
11.	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	EEE	July to October 2019	Yes
12.	17A31A0265	Mudududdi Yamini Satya Sri	EEE	July to October 2019	Yes
13.	17A31A0268	Pasupuleti Venkata Sai Nikitha	EEE	July to October 2019	Yes
14.	17A31A0271	Rampa Shalini	EEE	July to October 2019	Yes
15.	17A31A0275	Vodugu Manaswi	EEE	July to October 2019	Yes
16.	17A31A0279	Boddu Pavan Teja	EEE	July to October 2019	Yes
17.	17A31A0282	Damodhara Naveen	EEE	July to October 2019	Yes
18.	17A31A0283	Geesala Vijay Kumar	EEE	July to October 2019	Yes
19.	17A31A0284	Gode Sai Krishna	ENE	July to October 2019	Yes
20.	. 17A31A0285		RINCIPAL	July to October 2019	Yes
21	17A31A0286	Jons VeckRAGATIENG	(SUOMONO)		Yes

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



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ADR Road, Surampalem, E.G.Dr., A.P. -533-437

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

(Recognized by UGC Under Sections 2(D and 12 (B) of UGC acr. 1956)

Ph. 08832 - 252711, 34 Website wave pragetion in

22.	17A31A0289	Kommu Sriram Datta	EEE	July to October 2019	Yes
23.	17A31A0291	Kothapalli Raviraj	EEE	July to October 2019	Yes
24.	17A31A0295	Lagudu Mani Kumar	EEE	July to October 2019	Yes
25.	17A31A0296	Majji Lithin Siva Swamy Naidu	EEE	July to October 2019	Yes
26.	17A31A0298	Mandapalli Sam Moses Sastry	EEE	July to October 2019	Yes
27.	17A31A02A5	Prodduturi Raghavendra	EEE	July to October 2019	Yes
28.	17A31A02A8	Sai Vathsav Jonnalagadda	EEE	July to October 2019	Yes
29.	17A31A02B0	Sesetti Mehar Aditya	EEE	July to October 2019	Yes
30.	17A31A02B8	Vikash Choudhary	EEE	July to October 2019	Yes
31.	18A35A0214	Maganti Padma Sai Bhayani	EEE	July to October 2019	Yes
32.	18A35A0223	Nurukurthi Rajesh	EEE	July to October 2019	Yes
33.	18A35A0224	Rachapalli Adarsh	EEE	July to October 2019	No
34.	18A35A0226	Vanamadi Prabhu Raju	EEE	July to October 2019	No

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

Roll No: NPTEL19CS65S52170070

To ERIGILA NITISH KUMAR

1-378, ADB ROAD, PRAGATI ENGINEERING

COLLEGE

SURAMPALEM

EAST GODAVARI

ANDHRA PRADESH 533437

PH. NO:8686465750



Type of Certificate Score >=90 Elite+Gold Elite+Silver 75-89 Elite >=60 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ERIGILA NITISH KUMAR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of

Online Assignments 24.34/25 Proctored Exam

Total number of candidates certified in this course: 7675

Jul-Oct 2019 (12 week course Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur





Indian Institute of Technology Kharagpur

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM



NPTFI 19CS65552170070

To validate and check scores: https://nptel.ac.in/noc



Roll No: NPTEL19CS65S52170072

TO K.RAVIRAJ DOOR NO:7-121/1 INDRAPALEM EAST GODAVARI ANDHRA PRADESH 533006

PH. NO:7075021292



Score Type of Certificate

>=90 Elite+Gold

75-89 Elite+Silver

>=60 Elite

40-59 Successfully Completed

<40 No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

K.RAVIRAJ

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 57 %

Online Assignments 13.31/25 Proctored Exam 43.5/75

Total number of candidates certified in this course: 7675

A. Goshami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Jul-Oct 2019 (12 week course) PRINCIPAL

PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM



Indian Institute of Technology Kharagpur

to validate and check scores: https://nptel.ac.in/noc



DEVELOPING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN

Department of Humanities and Social Sciences III Kanpui

INTENDED AUDIENCE: Students, Leachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industries/companies/organisations will recognize and value this course and lecommend this for their employees and trainee programs.

COURSE OUTLINE:

The course aims to cause a basic awareness about the significance of soft skills in professional and interpersonal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it; climb further, reach a pinnacle, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

ABOUT INSTRUCTOR:

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh. India. He has written about fifty research articles/book chapters, supervised six doctoral theses, edited a special issue on Cyberpunk Literature for the Creative Forum Journal, and published a book on Postmodern Identity. He is a recipient of the Fulbright-Nehru Academic and Professional Excellence Fellowship (2014-15) for his research/teaching at Duke University, North. Carolina, USA. He is honored with Champa Devi Gangwal Chair Professorship at IIT Kanpur, In his distinguished twenty-five years of teaching career, he has taught various courses in English Language and Literature. His NPTEL Video and Web courses on Communication Skills are well-acclaimed nationally and internationally.

COURSE PLAN:

Week 01: Introduction: A New Approach To Learning, Planning And Goal-Setting, Human Perceptions; Understanding People, Types of Soft Skills: Self-Management Skills, Aiming For Excellence: Developing Potential And Self-Actualisation, Need Achievement And Spiritual Intelligence.

Week 02: Conflict Resolution Skills: Seeking Win-Win Solution, Inter-Personal Conflicts: Two Examples, Two Solutions, Types of Conflicts: Becoming A Conflict Resolution Expert, Types of Stress: Self-Awareness About Stress, Regulating Stress: Making The Best out of Stress.

Week 03: Habits: Guiding Principles, Identifying Good And Bad Habits, Habit Cycle; Breaking Bad Habits, Using The Zeigarnik Effect For Productivity And Personal Growth, Forming Habits of Success.

Week 04: Communication: Significance Of Listening, Active Listening, Barriers To Active Listening: Telephone Communication: Basic Telephone Skills, Advanced Telephone Skills, Essential Telephone Skills.

Week 05: Technology And Communication: Technological Personality?, Mobile Personality?, E-Mail Principles, How Not To Send E-Mails!, Netiquette, E-Mail Etiquette.

Week 06: Communication Skills: Effective Communication, Arising Out Of Sender/Receiver's Personality; Barriers To Communication: Interpersonal Transactions, Miscommunication; Non-Verbal Communication; Pre-Thinking Assessment-1 & 2.

Week 07: Nonverbal Communication: Introduction And Importance, Issues And Types, Basics And Universals, Interpreting Non-Verbal Cues; Body Language: For Interviews, For Group Discussions.

Week. 08: Presentation Skills: Overcoming Fear, Becoming A Professional, The Role Of Body Language, Using Visuals, Reading Skills: Effective Reading, Human Relations: Developing Trust And Integrity.



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(Recognized by EGC Under Sections 2(0 and 12 (B) of USC etc. 1956)

Ph. 08852—252213, 14. Website wave prepares in

List of Registered Students

Name of the Program: Developing Soft Skills and Personality

A.Y: 2019-20

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1.	17A31A0210	Moparthi Sruti	EEE	August to October 2019	Yes
2.	17A31A0215	Sorapalli Naga Sri Hari Priya	EEE	August to October 2019	Yes
3.	17A31A0229	Erigila Nitish Kumar	EEE	August to October 2019	No
4.	17A31A0239	Manukonda Govardhan Reddy	EEE	August to October 2019	Yes
5.	17A31A0240	Matta Pavan Kumar	EEE	August to October 2019	No
6.	17A31A0243	Ramireddy Raja	EEE	August to October 2019	Yes
7.	17A31A0253	Vangalapudi Sai Bhargav	EEE	August to October 2019	Yes
8.	17A31A0280	Bogala Janardhana Reddy	EEE	August to October 2019	No
9.	17A31A0290	Kondisetti Surya Narayana Murthy	EEE	August to October 2019	No
10	17A31A0297	Manchiraju V S S Ramakrishnakanth	EEE	August to October 2019	No
11	18A35A0205	Chitikela Venkata Durga Krishna Vamsi	EEE	August to October 2019	Yes
12	18A35A0207	Kasi Rama Krishna	EEE	August to October 2019	No
13		Kota Ravindra Sai	EEE	August to October 2019	No
14	18A35A0210	Kurapati Sai Karthik	EEE	August to October 2019	Yes
15	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	EEE	August to October 2019	Yes
16	18A35A0218	Chitikina Gowrinath	EEE	August to October 2019	Yes
17	18A35A0219	Kalla Sunil	EEE	August to October 2019	No

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

NPTEL19H532S62030113

To PINAPOTHU SAI HANVESH

1-378 ABD ROAD PRAGATI ENGINEERING

COLLEGE

SURAMPALEM

EAST GODAVARI

ANDHRA PRADESH

533437

PH. NO :9666765071



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completes
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India).



This certificate is awarded to

PINAPOTHU SAI HANVESH

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 21.83/25 Proctored Exam

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education III Kanpur

Aug-Oct 2019 (8 week course)

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

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur



TO KURAPATI SAI KARTHIK D.NO:1-378,ADB ROAD, PRAGATI ENGINEERING COLLEGE SURAMPALEM EAST GODAVARI ANDHRA PRADESH

PH. NO 19676365499

533437



Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completer No Certificate <40

Score

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KURAPATI SAI KARTHIK

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments | 20.67/25 | Proctored Exam

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde

Charman Centre for Continuing Education itt Kargur

Aug-Oct 2019 (8 week cours

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

ADB ROAD, SURAMPALEM



Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur

Indian Institute of Technology Kanpur

(AUTONOMOUS)

Roll No: NPTEL19HS32S62030115

to validate and check scores: https://nptel.ac.in/noc



DEVELOPING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN Department of Humanities and Social Sciences IIT Kanpur

INTENDED AUDIENCE: Students, Teachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industries/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

COURSE OUTLINE :

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

ABOUT INSTRUCTOR:

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh, India. He has written about fifty research articles/book chapters, supervised six doctoral theses, edited a special issue on Cyberpunk Literature for the Creative Forum Journal, and published a book on Postmodern Identity. He is a recipient of the Fulbright-Nehru Academic and Professional Excellence Fellowship (2014-15) for his research/ teaching at Duke University, North Carolina, USA. He is honored with Champa Devi Gangwal Chair Professorship at IIT Kanpur. In his distinguished twenty-five years of teaching career, he has taught various courses in English Language and Literature. His NPTEL Video and Web courses on Communication Skills are well-acclaimed nationally and internationally. His NPTEL MOOC on Developing Soft Skills and Personality became hugely popular and well-received by about fifteen thousand participants from India and abroad

COURSE PLAN:

Week 1: Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Aiming For Excellence: Developing Potential And Self-Actualisation

Lecture 6: Need Achievement And Spiritual Intelligence

Week 2: Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert.

Lecture 11: Types Of Stress: Self-Awareness About Stress

PRINCIPAL Lecture 12: Regulating Stress: Making The Best Out Of Stress ACATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533-437 Week 3: Lecture 13: Habits: Guiding Principles

Lecture 14: Habits: Identifying Good And Bad Habits

Lecture 15: Habits: Habit Cycle Lecture 16: Breaking Bad Habits

Lecture 17: Using The Zeigarnik Effect For Productivity And Personal Growth

Lecture 18: Forming Habits Of Success

Week 4: Lecture 19: Communication: Significance Of Listening

Lecture 20:Communication: Active Listening

Lecture 21:Communication: Barriers To Active Listening Lecture 22: Telephone Communication: Basic Telephone Skills Lecture 23: Telephone Communication: Advanced Telephone Skills Lecture 24: Telephone Communication: Essential Telephone Skills

Week 5: Lecture 25: Technology And Communication: Technological Personality

Lecture 26: Technology And Communication: Mobile Personality? Lecture 27: Topic: Technology And Communication: E-Mail Principles Lecture 28: Technology And Communication: How Not To Send E-Mails!

Lecture 29: Technology And Communication: Netiquette Lecture 30: Technology And Communication: E-Mail Etiquette

Week 6: Lecture 31: Communication Skills: Effective Communication

Lecture 32: Barriers To Communication: Arising Out Of Sender/Receiver's Personality

Lecture 33: Barriers To Communication: Interpersonal Transactions

Lecture 34: Barriers To Communication: Miscommunication

Lecture 35: Non-Verbal Communication: Pre-Thinking Assessment-1 Lecture 36: Non-Verbal Communication: Pre-Thinking Assessment-2

Week 7: Lecture 37: Nonverbal Communication: Introduction And Importance

Lecture 38: Non-Verbal Communication: Issues And Types Lecture 39: Non-Verbal Communication: Basics And Universals Lecture 40: Non-Verbal Communication: Interpreting Non-Verbal Cues

Lecture 41: Body Language: For Interviews Lecture 42: Body Language: For Group Discussions

Week 8: Lecture 43: Presentation Skills: Overcoming Fear

Lecture 44: Presentation Skills: Becoming A Professional Lecture 45: Presentation Skills: The Role Of Body Language

Lecture 46: Presentation Skills: Using Visuals Lecture 47: Reading Skills: Effective Reading

Lecture 48: Human Relations: Developing Trust And Integrity

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



(Autonomous)

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

DEVELOPMENT OF SOFT SKILLS AND PERSONALITY

COURSE OUTLINE

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

TOPICS COVERED

Week 1:

Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Aiming For Excellence; Developing Potential And Self-Actualisation

Lecture 6: Need Achievement And Spiritual Intelligence

Week 2:

Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples

Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert

Lecture 11: Types Of Stress: Self-Awareness About Stress

Lecture 12: Regulating Stress: Making The Best Out Of Stress

Week 3:

Lecture 13: Habits: Guiding Principles

Lecture 14: Habits: Identifying Good And Bad Habits

Lecture 15: Habits: Habit Cycle Lecture 16: Breaking Bad Habits

Lecture 17: Using The Zeigarnik Effect For Productivity And Personal Growth

Lecture 18: Forming Habits Of Success

Week 4:

Lecture 19: Communication: Significance Of Listening

Lecture 20:Communication: Active Listening

Lecture 21: Communication: Barriers To Active Listening Lecture 22: Telephone Communication: Basic Telephone Skills

Lecture 23:Telephone Communication: Advanced Telephone Skills

Lecture 24: Telephone Communication: Essential Telephone Skills PRINCIPAL PRAGATI ENGINEERING COLLEGE Week 5:

Lecture 25: Technology And Communication: Technological PrizervedtoROAD, SURAMPALEM Lecture 26: Technology And Communication: Mobile Personnlingdopuram, E.G.Dt. (AP)-533-437

Lecture 27: Topic: Technology And Communication: E-Mail Principles



(Autonomous)

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

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

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

Ph: 06852 = 252233, 34, Website: www.pragati.ac.in

Lecture 28: Technology And Communication: How Not To Send E-Mails!

Lecture 29: Technology And Communication: Netiquette

Lecture 30: Technology And Communication: E-Mail Etiquette

Week 6:

Lecture 31: Communication Skills: Effective Communication

Lecture 32: Barriers To Communication: Arising Out Of Sender/Receiver's Personality

Lecture 33: Barriers To Communication: Interpersonal Transactions

Lecture 34: Barriers To Communication: Miscommunication

Lecture 35: Non-Verbal Communication: Pre-Thinking Assessment-1 Lecture 36: Non-Verbal Communication: Pre-Thinking Assessment-2

Week 7:

Lecture 37: Nonverbal Communication: Introduction And Importance

Lecture 38: Non-Verbal Communication: Issues And Types

Lecture 39: Non-Verbal Communication: Basics And Universals

Lecture 40: Non-Verbal Communication: Interpreting Non-Verbal Cues

Lecture 41: Body Language: For Interviews

Lecture 42: Body Language: For Group Discussions

Week 8:

Lecture 43: Presentation Skills: Overcoming Fear

Lecture 44: Presentation Skills: Becoming A Professional

Lecture 45: Presentation Skills: The Role Of Body Language

Lecture 46: Presentation Skills: Using Visuals Lecture 47: Reading Skills: Effective Reading

Lecture 48: Human Relations: Developing Trust And Integrity

NO.OF STUDENTS REGISTERED: 16

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	B L N V J SUBASH	17A31A0311
2	CH SAI RAM	17A31A0313
3	P AJAY KUMAR	17A31A0336
4	V N S S RAVI TEJA	17A31A0356
5	B MOHAN RAO	17A31A03C0
6	G G V RAYUDU	17A31A03D1
7	S SUNIL KUMAR	17A31A03F6
8	S V S M RAVINDRA	17A31A03F8
9	P SRI HARSHA	17A31A03G2
10	V N SAI RAJ	17A31A03G6
11	S V YASWANTH	17A31A03M5
12	MORRIS WILFRED RODRIGUES	£ 12A31A03N7
13	A HARI GANESH	18A15AD304
14	M RAMESH	PRACATI ENGINEERING COLLEGE
15	N SAI VAMSI KRISHNA	AAUTONOMOARAAUG 12
		# 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533-437



(Autonomous)

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

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

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

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

RESOURCE PERSON DETAILS

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh, India.

PRINCIPAL PRINCIPAL PRINCIPAL PRINCIPAL PAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

17A51A. 31

Roll No: NPTEL19HS32S52170010

TO BODA L NARAYANA VEERA JAGANNADHA SUBHASH 1-29

GORRIPUDI EAST GODAVARI

ANDHRA PRADESH

533468

PH. NO:9676555408



	Score	Type of Certificate
Ī	>=90	Elite+Gold
	75-89	Elite+Silver
	>=60	Elite
	40-59	Successfully Completed
Î	<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BODA L NARAYANA VEERA JAGANNADHA SUBHASH

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 24.50/25 Proctored Exam 50.5/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde

Chairman Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 (8 week course)



Prof. Satyaki Roy **NPTEL Coordinator** IIT Kanpur

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





Indian Institute of Technology Kanpur

DAJIAGI

Roll No: NPTEL19HS32S52030201

TO CH.SAIRAM 2-2-37, TARAK RAMA NAGAR PITHAPURAM EAST GODAVARI ANDHRA PRADESH 533550 PH. NO:8019198676



Type of Certificate Score Elite+Gold >=90 Elite+Silver 75-89 Elite >=60 40.59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL O nline Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

CH.SAIRAM

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 24.50/25 Proctored Exam | 42/75

Total number of candidates certified in this course: 15357

Charman Centre for Continuing Education III Kanput

Aug-Det 2011 (8 week tourse)

Prof. Satyaki Roy NPTEL Coordinator

Indian Institute of Technology Kanpur

PRACATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM



Roll No: NPTEL19H532552030201

to validate and check scores: https://nptel.ac.in/noc



ENERGY CONSERVATION AND WASTE HEAT RECOVERY

PROF. PRASANTA KUMAR DAS Department of Mechanical Engineering IIT Kharagpur

PROF. ANANDAROOP BHATTACHARYA

Department of Mechanical Engineering

TYPE OF COURSE PRE- : Rerun | Elective | UG | PG

COURSE DURATION: 12 weeks (20 Jul'20 - 00 Oct'20)

REQUISITES

; Basic Thermodynamics

EXAM DATE : 17 Oct 2020

INTENDED AUDIENCE: Energy Science and Engineering, Mechanical Engineering, Electrical Engineering students

INDUSTRIES APPLICABLE TO : BHEL, NTPC, CESC, WBSEB, DVC and other power companies, GE, Siemens, Alstom

COURSE OUTLINE:

Estimates from analyses and audits from various industries suggest that 20 to 50% of industrial energy input is lost as waste heat. This waste heat can be in the form of hot exhaust gases, water/fluid streams (from condenses in power plants) or heat lost from hot equipment and surfaces. As the world strives for higher energy efficiencies, it is imperative that along with better equipment we focus on recovering the energy stored in this "waste heat" and utilize it for useful purposes. The proposed course introduces us to various methods of Waste Heat Recovery that has been employed by the industry to harness the energy stored in waste heat and use it for generation of additional electric power.

ABOUT INSTRUCTOR:

Prof. Prasanta Kumar Das is a Professor of Mechanical Engineering and presently the Dean PG Studies and Research at IIT Kharagpur. His research interests lie in the broad area of thermal engineering with special emphasis on two phase flows. He possesses a vast experience in teaching and research.

Prof. Anandaroop Bhattacharya is an Associate Professor of Mechanical Engineering at IIT Kharagpur. His research interests lie in the areas of electronics cooling, transport in porous media and gas turbine heat transfer. Prior to joining IIT, Anandaroop spent 12 years in the industry in USA and India working at Intel, General Motors and General Electric Research Centers.

COURSE PLAN:

- Week 01: Introduction to Waste Heat Importance of Waste Heat Recovery, Review of Thermodynamics Introduction to First and Second Laws
- Week 02: Review of Thermodynamics Entropy, Entropy Generation, First and Second Law efficiency
 Week 03: Power Plant Cycles Energy Cascading, Rankine Cycle, modification of Rankine cycle, examples
- Week 04 : Gas Turbine Cycle, Combined Cycle, Combined Gas Turbine-Steam Turbine Power Plant, Heat Recovery Steam Generators
- Week 05 : Thermodynamic cycles for low temperature application, Cogenerations, Introduction to Heat Exchangers, Analysis LMTD and ε-NTU method
- Week 06: Analysis of Heat Exchanger continued, Problem solving, Special Heat Exchangers for Waste Heat Recovery, Synthesis of Heat Exchanger Network
- Week 07: Heat pipes & Vapor Chambers, Direct conversion technologies Thermoelectric Generators.
- Week 08 : Direct conversion technologies Thermoelectric Generators (contd.), Thermolonic conversion,
 Thermo-PV, MHD
- Week 09 : Heat Pump; Heat Recovery from Incinerators, Energy Storage Introduction.
- Week 10 : Energy Storage Techniques Pumped hydro, Compressed Air, Flywheel, Superconducting Magnetic storage
- Week 11 : Energy Storage Techniques Thermal storage (Sensible & Latent), Battery, Chancol Chilgy Storage, Fuel cells
- Week 12 : Energy Economics

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM



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- report

Energy Conservation and Waste Heat Recovery

COURSE OUTLINE

I alterates from analyses and malita from various industries august that 20 to 50% of substrait energy input is less as a set local. This waste hear can be in the form of his exhaust galley and flood streams (from condenses in press) plants) or hear lost from his equipment and surfaces. As the a self-stream lost budget energy efficiency is in importance that along with better exportance as forces are incoming the energy stored in this waste hear and utilize it for useful purposes. The proposed contact are discovered to surface an incoming methods of Waste Deal Recovers that has been employed by the industry to harves the energy stored in waste hear and use it for generation of additional electric power.

TOPICS COVERED

West	Introduction to Waste Heat Importance of Waste Heat Recovery Review of I be modynamic
Introduction t	e First and Second Laws
Week ?	Review of Thermodynamics - Entropy Entropy Generation, First and Second Law efficiency
Week	Power Plant Cycles - Energy Cascading, Rankine Cycle, modification of Rankine cycle
examples	The second secon
Week I	Can Turbine Cycle Combined Cycle, Combined Gas Turbine-Steam Turbine Printer Plant. Hear
Recovery Ster	am Generators
Week 5	Thermodynamic cycles for low temperature application, Cogeneration impoduction to Heat
Lychangers, A	Analysis TMTD and r-NTU method
Week 6	Analysis of Heat I schanger continued, Problem solving, Special Heat I schangers for Waste
Hear	Recovery Synthesis of Heat Exchanger
	Network
Week 7	Heat pipes & Vapor Chambers, Direct conversion technologies. Thermoelectric Generators
Week R	Direct conversion technologies Thermoelectric Generators (contd.), Thermoionic conversion.
Thermo-PV A	MHD
Week 9	Heat Pump. Heat Recovery from Incinerators, Energy Storage - Introduction
Week 10	Energy Storage Techniques Pumped hydro, Compressed Air, Flywheel Superconducting
Magnetic stori	uje
Week II	Linergy Storage Techniques - Thermal storage (Sensible & Latent), Battery Chemical Energy
Storage, Fuel o	cells
Week 12	Energy Economics

NO.OF STUDENTS REGISTERED: 3

LIST OF STUDENT ATTENDED

S.NO	NAME OF THE STUDENT	ROLL NO
1	TAMANNABOINA BALA RAVI TEJA	17A31A03M9
2	NANEREVADA	18A35A0324
3	KAKARAPARTHI TRINADII	18A35A0343

RESOURCE PERSON DETAILS



1. Prof. Prasanta Kumar Das is a Professor of Mechanical Engineering and presently the Dean PG Studies and Research at IIT Khuragpur.

2. Prof. Anandaroop Bhattacharya is an Associate Penasia All Engineering College (Autonomous) ering at (Autonomous) ering at 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

TO NANI REVADA 8-4, SUBBARAYUDU GUDI VEEDHILKOTHAPETA GOLLAPROLU EAST GODAVARI ANDHRA PRADESH



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elle+Silver
>=60	Elle
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

533445

PH. NO:9912488043



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NANI REVADA

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of

Online Assignments 20.38/25 Proctored Exam 34.5/75

Total number of candidates certified in this course: 280

A. Goshamu

Prof. Adrijit Goswami Education & MPTEL Co

Jul-Oct 2019 (12 week course)



ndian Institute of Technology Khanigour

Roll No: NETEL 13 ME60532 170094

To validate and check scores inters lingte ad

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

PAZIADZMA

Roll No: NPTEL19ME60532170098

TO TAMANNABOINA BALA RAVI TEJA 1-178 , PRAGATI ENGINEERING COLLEGE, ADB ROAD, SURAMPALEM SURAMPALEM EAST GODAVARI ANDHRA PRADESH 533437 PH. NO 6281009373



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 File 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

nail 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

TAMANNABOINA BALA RAVI TEJA

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of

Online Assignments 18.38/25 Proctored Exam 30/75

Total number of candidates certifled in this course: 280



Jul-Oct 2019 (12 week course) A. Gosuam

rof. Adrijit Goswami sing Education & MPTEL Coordinator PRINCIF Maragnur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19ME60S32170098

To validate and check scores: https://nptel.ac.ir/noc



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EXAM DATE

COURSE DURATION - 12 weeks plit help in a convey

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INTENDED AUDIENCE | Undergraduate significate of Mechanical Engineering and brother branches "acidy markly associated with Mechanical Engineering, Frankling angineers associated with Permanyower Telestries

INCUSTRIES APPLICABLE TO: Heat transfer in a hopic of hisdamental interest in recharge expressing and hence any engineering from A concerned industry about tothe Assert subspecting A valuable

COURSE OUTLINE

this a registrative course on conduction and radiation heat transfer. This couper emphasizes has Security (NYXXXX and provides detailed solution methodology. This course will provide students with the tools to make, analyze and solve a wide range of engineering applications involving conduction and restation heat transfer.

ABOUT INSTRUCTOR:

Prof. American Datal is currently an Associate Professor in the Department of Mechanical Engineering of the Inotan Institute of Technology, Guivahati. He received his PhD degree from Indian Institute of Technology Kanpur in 2009 and he was Post-doctoral Research Associate at Purdue University from See 2008 - Dec 2009. He has research interests in the area of Computational Fluid Dynamics and Heat Transfer, Finite Volume Methods and Unstructured Grid Techniques, Multiphase Flows, Dr. Dalai is now probably involved in developing a general purpose, versatile and robust computational fluid dynamics. solver over hybrid unstructured grid which can solve a wide range of real-life fluid flow, heat transfer, and problems involving transport phenomena over complex geometries.

Prof. Diparkar N. Basu is an Associate Professor in the department of Mechanical Engineering at Indian Institute of Technology Guwahati since June 2012. He received his undergraduate and postgraduate degree from Jadavpur University, Kolkata, and completed his PhD from Indian institute of Technology Kharagpur in 2011. He served as an Assistant Professor at IIEST Shibpur for four years before joining IIT Guwahati. His principal research interest is in the field of nuclear personnel heat transfer and microchannel heat transfer He has co-authored more than 70 referred journal and conference publications and also a book chapter on supercritical natural circulation loop.

COURSE PLAN:

Week 1: Introduction to Heat Transfer

Week 2: Introduction to Conduction

Week 3: 1-D Steady-state Heat Conduction

Week 4: Special 1-D Heat Conduction Situations

Week 5: Heat Transfer from Extended Surfaces

Week 6: 2-D Steady-state Heat Conduction

Week 7: Numerical Methods in Conduction

Week 8: Fundamentals of Radiation Heat Transfer

Week 9: Radiative Properties of Real Surfaces

Week 10: Radiation Exchange between Surfaces

Week 11: Radiation with Participating Media

Week 12: Chemical Reactions

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





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Supervised by \$10. 11. Processor. Officing days of Statements Section 15 to 15

Fundamentals of Conduction and Radiation

COURSE OUTLINE

This is introductory course on conduction and radiation heat transfer. This course emphasizes the fundamental concepts and provides detailed solution methodology. This course will provide students with the tools to model, analyze and solve a wide range of engineering applications involving conduction and radiation heat transfer.

TOPICS COVERED

Week 1: Introduction to Heat Transfer

Week 2: Introduction to Conduction

Week 3: 1-D Steady-state Heat Conduction

Week 4: Special 1-D Heat Conduction Situations

Week 5: Heat Transfer from Extended Surfaces

Week 6: 2-D Steady-state Heat Conduction

Week 7: Transient Heat Conduction

Week 8: Numerical Methods in Conduction

Week 9: Fundamentals of Radiation Heat Transfer

Week 10: Radiative Properties of Real Surfaces

Week 11: Radiation Exchange between Surfaces

Week 12: Radiation Exchange with Participating Media

NO.OF STUDENTS REGISTERED: 4

LIST OF STUDENTS ATTENDED

S.NO	NAME OF THE STUDENT	ROLL NO
1	RANJITH KUMAR	17A31A03C7
2	YATAM SATYA NAGA CHAKRA MANIKANTA	17A31A03H4
3	AJJARAPU KRISHNA NIKITH	18A35A0339
4	DASI BENNI	18A35A0342

RESOURCE PERSON DETAILS

Dr. Amaresh Dalal is currently Professor in the Department of Mechanical Engineering of the Indian Institute of Technology Guwahati

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PRAGATI: ENGINEERING COLLEGE (AUTONOMOUSA) (MITONOMOUSA) (MITONOMOUSA)



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VALLURU

EAST GODAVARI ANDHRA PRADESH

PH. NO :9642481381



Score Type of Certificate >=90 Elite+Gold 75-69 Elle+Silver >=60 40-59 Successfully Completed No Certificate <40

o. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DASI BENNI

for successfully completing the course

Fundamentals of Conduction and Radiation

with a consolidated score of

Online Assignments 12.50/25 Proctored Exam 36/75

Total number of candidates certified in this course: 176

Jul-Oct 2019 (12 week course)



n Institute of Technology Gowahati

NPTEL19I/E59552030367

To validate and check scores, https://nptel.ac.in/noc



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

Roll No: NPTEL19ME59552170120

ABARAPU KRISHNA NIKITH

5/10 ISWARYA RESIDENCY RAMESWARAM ROAD MADHAVAPATNAM

EAST GODAVARI

ANDHRA PRADESH

533003

PH. NO :7909796375



Type of Certifica >=90 Elite+Gold 75-89 Elite+Silver >=60 40-59 Successfully Complete No Certificate <40

No. of credits recommended by NPTEL:3
An additional 1 credit may be awarded if the University deer



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

AJJARAPU KRISHNA NIKITH

for successfully completing the course

Fundamentals of Conduction and Radiation

with a consolidated score of

Online Assignments | 12.78/25 | Proctored Exam | 30/75

Total number of candidates certified in this course: 176



Jul-Oct 2019 (12 week course)



Indian Institute of Technology Guwahati

Roll No. NPTEL19ME59552170120

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PRAGATI ENGINEERING COLLEGE

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



MANUFACTURING OF COMPOSUES

PROF. J RAMKUMAR Department of Mechanical Engineering IIT Kanput

TYPE OF COURSE **COURSE DURATION** : Rerun | Core/Elective | UG/PG : 8 weeks (26 Aug'19 - 18 Oct'19)

EXAM DATE

: 17 Nov 2019

INTENDED AUDIENCE : Students of all Engineering and Science disciplines.

PRE-REQUISITES : The student should have completed two semesters of UG Engineering or Science program.

INDUSTRIES APPLICABLE TO # HAL, NAL, SAIL, ISRO

COURSE OUTLINE

Selecting manufacturing technique has emerged as one the paramount challenge in the field of composites. Composites are now being used in almost every field of industry, and students working in the area of the composites need to learn the basics, and progressive techniques of composites manufacturing. This course covers the important aspects of composites manufacturing: process selection guidelines, thermoset ad thermoplastic Composites manufacturing processes, process parameters and characterizations. Applications and use of each manufacturing process is focused and this is represented separately.

ABOUT INSTRUCTOR

Prof. Janakranjan .Ramkumar is currently a Professor of Mechanical Engineering Department, and Design Program, Indian Institute of Technology, Kanpur. He teaches manufacturing science, micro/riano technology, new product development. He has a bachelors in Production Engineering with his doctorate in Defect quantification in drilling of composites from IIT Madras, India with a best thesis award. Over the years his contribution in teaching and research is remarkable. He has worked for BOSCH group and improved the productivity of the company. His research and teaching focus is on nano technology and inclusive design. He has several international and national patents in his credit and has published more than 100 journal papers.

COURSE PLAN

Week 1: Introduction to Composites; Introduction to Composites; Function of the Matrix and Reinforcement in Composites Matrices: Thermosets and Thermoplastic: Fiber Reinforcement

Week 2: Properties and testing composites; Properties of Composites; Composites testing; Composites design: Laminate theory, Rule of mixtures, symmetry and balance

Week 3: Thermoset Composites manufacturing processes; Material selection process cont.; Material selection process cont. Design for manufacturing.

Week 4: Thermoset composite manufacturing processes; Thermoset Composite manufacturing:Lay-up processes. Spray up process; Thermoset Composite manufacturing: Fiber placement process; Thermoset Composite manufacturing: Resin transfer moulding

Week 5: Thermoplastic composite manufacturing processes; Thermoset Composite manufacturing: Vaccum assisted resin transfer moulding; Thermoset Composite manufacturing:Compression molding process; Thermoset composites manufacturing:Filament winding

Week 6: Thermoplastic composite manufacturing processes: Thermoplastic Composite manufacturing: Sheet moulding Thermoplastic Composite manufacturing: Injection moulding, sheet moulding, Calendaring: Thermoplastic Composite manufacturing:Extrusion, Blow molding, rotational molding, Thermoforming

Week 7: Metal and ceramic matrix composites; Metal Matrix Composites: Metal matrix and reinforcement; Manufacturing processes for Metal Matrix Composites:Dispersion hardended and particle composite; Manufacturing processes for Metal matrix composites:Layer composites and infiltration method

Week 8: Prevention of Damage, repair of Composites and selection of processes; Ceramic matrix composites. Hot isostatic processing ; Non - destructive testing of Composites; Manufacturing process selection; Cost, performance, size shape, rate of production. Steps for process selection

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

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Manufacturing of Composites

COURSE OUTLINE

Selecting manufacturing technique has emerged as one the paramount challenge in the field of composites. Composites are now being used in almost every field of industry, and students working in the area of the composites need to learn the basics, and progressive techniques of composites manufacturing. This course covers the important aspects of composites manufacturing; process selection guidelines, thermoset ad thermoplastic Composites manufacturing processes, process parameters and characterizations. Applications and use of each manufacturing process is focused and this is represented separately.

TOPICS COVERED

Week 1 : Introduction to Composites

Week 2 : Properties and testing composites

Week 3 : Thermoset Composites manufacturing processes
Week 4 : Thermoset composite manufacturing processes
Week 5 : Thermoplastic composite manufacturing processes
Week 6 : Thermoplastic composite manufacturing processes

Week 7 : Metal and ceramic matrix composites

Week 8 : Prevention of Damage, repair of Composites and selection of processes

NO.OF STUDENTS REGISTERED: 8

LIST OF STUDENT ATTENDED

S.NO	NAME OF THE STUDENT	ROLL NO
1	TEKI NAGA SUDHEER	17A31A0349
2	KUKKALA YASWANTH TEJA	17A31A0389
3	AKHIL YUVARAJ MANDA	17A31A0393
4	S KUMAR VENKATA SAI	17A31A03A9
5	K SURYA VADAN	17A31A03E0
6	MARRI SURYA KIRAN	17A31A03E7
7	MOLLI SATYA PRAVEEN	17A31A03E9
8	PAMU SUNILKUMAR	17A31A03F2

RESOURCE PERSON DETAILS

Dr. Janakranjan .Ramkumar is currently a Professor of Mechanical Engineering Department, and Design Program, Indian Institute of Technlogy, Kanpur.

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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



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17-389

Roll No: NPTEL 19ME67552170046

TO KURKALA YASWANTH TEJA 5-244/3 JAYANTHI NAGAR SARAPAYARAM KAKINADA EAST GODAVARI ANDHRA PRADESH

533005 PH. NO :7993386616



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elte
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2 and I credit may be awarded if the University deems it fit.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KUKKALA YASWANTH TEJA

for successfully completing the course

Manufacturing of Composites

with a consolidated score of

Online Assignments 24.58/25 Proctored Exam 36/75

Total number of candidates certifled in this course: 843

Aug-Oct 2019 (8 week course)

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TO AKHIL YUVARAJ MANDA 16-33-45/H, DOLPHINS COLONY, 15T STREET, SAMBAMURTHY NAGAR, KAKINADA EAST GODAVARI ANDHRA PRADESH 533001

PH. NO:9848697486



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

AKHIL YUVARAJ MANDA

for successfully completing the course

Manufacturing of Composites

with a consolidated score of

Online Assignments 12.92/25 Proctored Exam 37.5/75

Total number of candidates certified in this course: 843

Prof. Rajesh M.Hegde Chairman Centre for Continuing Education IIT Kanpuir

Aug-Oct 2019 (8 week course)

Prof. Satyaki Roy PRINCIPAL NPTEL Coordinate

PRAGATI ENGINEERING CONLEGE (AUTONOMOUS)

1-378, ADB ROAD, ar Peddapuram, E.G.B

Indian Institute of Technology Kanpur



PRINCIPLES OF META. FOR TECHNOLOGY

PROF. PRADEEP K. JHA

Dept of Mechanical and Industrial Engineering

IIT Roorking

TYPE OF COURSE

: Rerun | Core | UG/PG

COURSE DURATION

: 8 weeks (20 Jul 20 - 1) Sep 20)

EXAM DATE

: 27 Sep 2020

INTENDED AUDIENCE : B.E / B.Tech, M.E / M.Tech, M.S

PRE-REQUISITES : Introduction to manufacturing technology or manufacturing processes

INDUSTRIES APPLICABLE TO : Manufacturing Industries where forming takes place, for example SAII SHELL

Foundry and Forge industries like HEC, Bharat Forge etc.

COURSE OUTLINE :

The course focuses on understanding the science and technology of different forming processes. Most of the metallic objects undergo at least one of the metal forming operations, except the cast ones. Understanding ousic principles of metal forming and further being applied by engineers and metallurgists directly contribute towards improvement in production in the industries. The concept of stress, deformation and failure, mechanics of metalworking and analysis of different metal working processes will be covered during the whole course. introduction and working principle of powder metallurgy forging will be presented in the end. The course will enable the students be conversant with working principles so that they can use the knowledge gained towards increasing the productivity of manufacturing industries in the long run.

ABOUT INSTRUCTOR:

Dr. Pradeep K. Jha is presently working as Associate Professor in the Department of Mechanical & Industrial Engineering at IIT Roorkee. He has been teaching the courses related to manufacturing technology and theory of production processes to undergraduate and postgraduate students for more than 12 years. He is actively in a lend in research work related to production processes, especially casting processes.

COURSE PLAN:

Week 01 ; Introduction and classification of metalworking processes, Behavior of materials

Week 02 : Concept of stress and strain, Hydrostatic and deviatoric stresses

Week 03 : Flow curve Yield criteria for ductile materials, plastic stress strain relationships

Week 04 : Yielding and ductility during instability, Effect of strain rate and temperature on flow properties

Week 05 : mechanics of metalworking, Analysis methods, Hot and cold working

Week 06 : Introduction, classification and analysis of forging and rolling operations

Week 07 : Defects in rolled and forged components, Analysis of extrusion process

Week 08 : Classification and analysis of wire and tube drawing and sheetmetal working, Powder metallurgy

forming

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Perhap ram, E. a. Dr. (4P)-533 437

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(Accessed)

Principles of Metal Forming Technology

COURSE OUTLINE

The course to come or and retaining the science and technology of different forming process. Most of the notable objects undergo at least one of the metal forming operations except the and obes. Inderstanding basic principles of metal forming and further being applied by engagers and metallinguists directly contribute towards improvement in production in the industries. The concept of stress deformation and tailure mechanics of metalworking and analysis of different metal working processes will be covered during the whole course Introduction and working principle of provider metalbings forging will be presented in the end. The course will enable the students be conservant with working principles so that they can use the knowledge gained towards increasing the productivity of manufacturing industries in the long run.

TOPICS COVERED

Week I Introduction and classification of metalworking processes. Behavior of materials Week2 Concept of stress and strain. Hydrostatic and deviatoric stresses.

Week 3 How curve Yield criteria for ductile materials, plastic stress strain relationships

Week 4 Yielding and ductility during instability. Liffect of strain rate and temperature on flow properties.

Week 5 mechanics of metalworking. Analysis methods. Hot and cold working

Week 6 Introduction, classification and analysis of forging and rolling operations

Week 7 Defects in rolled and forged components. Analysis of extrusion process

Week 8 Classification and analysis of wire and tube drawing and sheetmetal working. Powder metallurgy forming

NO.OF STUDENTS REGISTERED: 10

LIST OF STUDENTS ATTENDED

S.NO	NAME OF THE STUDENT	ROLL NO
1	NUNNA SRI LATHA	17A31A0368
2	VASAMSETTI RAVI	17A31A0354
3	BIKKINA GOPAL KRISHNA	17A31A0372
4	DASARI.DURGA PRASAD	17A31A0376
5	NAGENDRA DUNGA	17A31A0377
6	GOLLHARIKRISHNA	17A31A0379
7	MURALI. KOLLA	17A31A0385
8	SATYA RAMESH KOPPISETTI	17A31A03A8
9	(EKI NAGA SURENDRA	17A31A03B1
10	PREMKUMAR	J8A35A0323

RESOURCE PERSON DETAIL SRINGIPAL

Prof. Pradeep K. Jha is presently working as Associate Professor in the Department of Mechanical & Industrial Engineering at III Roorkee.

376

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL19ME52521900063

TO DASARI.DURGA PRASAD DOOR NO: 34-15-30/330, SANGAM COLONY-2, MANDAPETA MANDAL EASTGODVARI DIST. ANDH MANDAPETA EAST GODAVARI ANDHRA PRADESH

PH. NO :9182135433

Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DASARI.DURGA PRASAD

for successfully completing the course

Principles of Metal Forming Technology

with a consolidated score of

Online Assignments 19.46/25 Proctored Exam

40.5/75

Total number of candidates certified in this course: 562

Prof. V. C. Srivastava Coordinator, Continuing Education Centre IIT Roorkee

Jul-Sep 2019 (8 week course) Prof. Inderdeep Singh NPTEL Coordinator

PRINCIPAL

PRAGATI ENGINEERING COLLEC

Indian Institute of Technology Roorkee

(AUTONOMOUS) OHLUME EE # 1-378, ADB ROAD, SUSTING Near Peddapuram, E.G.Dt. (AP) 533 497

377

Roll No: NPTEL19ME52521900093

TO NAGENDRA DUNGA 7-36 SETTI BALIZA STREET LOVA KOTHURU EAST GODAVARI ANDHRA PRADESH 533401

PH. NO: 4500979139

Score	Type of Certificate
>=90	Elte+Gold
75-89	Elite+Silver
>=50	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NAGENDRA DUNGA

for successfully completing the course

Principles of Metal Forming Technology

with a consolidated score of

Online Assignments 23.33/25 Proctored Exam

Total number of candidates certified in this course: 562

jul-Sep 2019 (8 week course)

Prof. Inderdeep Singh PRINCIPAL

PRAGATI ENGINEERING COLLEGE

CAUTONOMOLIS # 1-378, ADB ROAD, S Near Peddapuram, E.G.



Indian Institute of Technology Roorkes

Roll No: NPTEL19ME52521900093

To validate and check scores: https://nptel.ac.in/noc



TECHNICAL ENGLISH FOR ENGINEERS

PROF. AYSHA IQBAL

Department of Humanities & Social Sciences

IIT Madras

TYPE OF COURSE

: Rerun | Elective | UG

COURSE DURATION

: 8 weeks (20 Jul 20 - 11 Tes 70)

EXAM DATE

: 27 Sep 2020

INTENDED AUDIENCE : B.E/B.Tech

COURSE OUTLINE:

The course covers all the areas of grammar necessary for the undergraduate students of engineering sciences. This includes topics such as reading/writing/listening comprehension, note taking, summarizing, report writing, along with elements of grammar and vocabulary. The course is designed for self-study, where participants will be required to solve regular quizzes and assignments, and can also be used as an add-on to classroom teaching.

ABOUT INSTRUCTOR:

Prof. Aysha Iqbal Viswamohan is Professor in the Department of Humanities & Social Sciences, ITT Madras. She has an M.Phil in English language teaching and a Ph.D in Drama. She has published widely in the areas of language, popular culture and literature.

COURSE PLAN:

Week 1 : Listening, Listening/Reading Comprehension

Week 2: Dictation; Notemaking

Week 3: Speaking; Using words in context

Week 4: Use of formal expressions and usages

Week 5: Formal presentations (organizing data and slide preparation)

Week 6: Reading; Skimming through the text; Scanning

Week 7: Writing; Grammar; Introduction to elements of academic writing

Week 8: Report Writing; Resume writing; Project Proposal writing

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)



(Autonomous)

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Technical English for engineers

COURSE OUTLINE

The course covers all the areas of grammar necessary for the undergraduate students of engineering sciences. This includes topics such as reading/writing/listening comprehension, note taking, summarizing, report writing, along with elements of grammar and vocabulary. The course is designed for self-study, where participants will be required to solve regular quizzes and assignments, and can also be used as an add-on to classroom teaching.

TOPICS COVERED

Listening: Listening Reading Comprehension

Dictation

Notemaking

Speaking: Using words in context

Use of formal expressions and usages

Formal presentations (organizing data and slide preparation)

Reading: Skimming through the text

Scanning

Writing:

Grammar

Introduction to elements of academic writing

Report Writing Resume writing

Project Proposal writing

NO.OF STUDENTS REGISTERED: 20

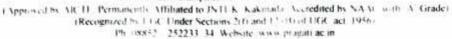
LIST OF STUDENTS ATTENDED

S.NO	NAME OF THE STU	DENT	ROLL NO	
1	KOMMANTI NAVEEN DARAH	AS	17A31A0323	
2	MEDISETTI PARAMASHIVA		17A31A0330	
3	SINGULURI HARSHA VARDHA	AN	17A31A0345	
4	THOTA SAI SARAN		17A31A0352	
5	VADAPARTHI SAI UDAY BHA	NU	17A31A0353	
6	MANDAPAKA DATTA RAMA I	RAO	17A31A0394	
7	RAJA NAGENDRA		17A31A03B9	
8	CHELLUBOYINA RAVI CHANI	DRA	17A31A03C1	
9	D.SEETHA RAMA RAJU		17A3TA03C6	
10	HEMANTH GOMATHAM		17A5VA03D0	
11	K.KARTHIK		17 PRINCIPAL	
12	KASI SALEM BOB	DDACATI	ENGINEERING CO	LIEGE
13	M.R.V.V.S.DURGA SAI	PRAGATI	(AUTONOMOUS)	JLL LO
14	SRINIVAS SEELAM	# 1-378	ADB ROAD SURAME	PALEM
		Near Pedda	apuram, E.G.Dt. (AP)	-533 437



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1	15	VANAPARTIII NAGA SALSABHARISH	17A31A03G8
Ì	16	VANDAVALLI ANAND PRASAD KUMAR	17A31A03G9
İ	17	YALLA S V V S S DATTA SESHADRI	17A31A03H2
Ì	18	V. RAMA MAHADEVA	17A31A03H5
İ	19	MEDAPATI SUBRAHMANYA PRASAD	17A31A03N8
İ	20	TULASI TILAKSAISRINIVAS	

RESOURCE PERSON DETAILS

Prof.Aysha Iqbal Viswamohan is professor in the Department of Humanities & Social Sciences, IIT Madras.



PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

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Roll No: NPTEL19H531521900198

To SINGULURI HARSHA VARDHAN 23-13-7/18,5RI RAM NAGAR RAJAHMUNDRY EAST GODAVARI ANDHRA PRADESH 533105

PH. NO:9154713867



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

ditional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SINGULURI HARSHA VARDHAN

for successfully completing the course

Technical English for Engineers

with a consolidated score of

Online Assignments 21.67/25 Proctored Exam

50.25/75

Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal Chairman Centre for Continuing Education, IITM

Jul-Sep 2019 (8 week course) Prof. Andrew Thangaraj **NPTEL Coordinator**

PRINCIPAL



Indian Institute of Technology Madras

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SUR Near Peddapuram, E.G.D

Roll No: NPTEL19H531521900198

To validate and check scores: https://nptel.ac.in/noc

394



Roll No: NPTEL19HS31S21900200

TO MANDAPAKA DATTA RAMA RAO 5-2-80/4, SEETHAYYA GARI THOTA, VIYDUTH HAGAR, PITHAPURAM PITHAPURAM EAST GODAVARI ANDHRA PRADESH



Score Type of Certifical >=90 Elle+Gold Ette+Silver 75-89 >=60 File 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, b

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PH. NO 46381840149



Elite

PTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

MANDAPAKA DATTA RAMA RAO

for successfully completing the course

Technical English for Engineers

with a consolidated score of

Online Assignments 19.17/25 Proctored Exam 40.5/75

Total number of candidates certified in this course: 2734

Jul-Sep 2019 (8 week course)

PRINCIP PRAGATI ENGINEE

fian institute of Technology Madras

Roll No: NPTEL19HS31S21900200

To validate and check scores; https://nptel.ac.in/noc



FUNDAMENTALS OF MANUFACTURE. PROCESSES

PROF. D.K. DWIVED!

Dept. of Mechanical and Industrial Engineering

Dept. of Mechanical and Industrial Engire

TYPE OF COURSE : Rerun | Care | UG/PG

COURSE DURATION : 12 weeks (20 Jul 20 - 09 Or (20)

EXAM DATE : 1/1 Oct 2020

INTENDED AUDIENCE : B.E/B.Tech,M.E/M.Tech,M.S,PhD

COURSE OUTLINE:

It is proposed to include fundamental of following aspects of manufacturing technology: Understanding Manufacturing: concept of manufacturing, need, scope, advantages, limitation, application, materials and manufacturing, classification of manufacturing, process capabilities, selection, break even analysis of manufacturing processes. Casting: approach, steps, pattern, molding, gate and riser, melt treatment, solidification, casting processes: sand mould, shell mould, permanent mould casting, casting defect and their remedy. Forming: approach, hot and cold forming, rolling, forging, extrusion, drawing, sheet metal forming, press, dies, types of dies and die set sheet metal operations punching, blanking, notching, nibbling. Joining: approach, need, principle of fusion welding, gas welding, thermit welding, arc welding common arc welding processes, resistance welding, weldability of metals, solidification of weld, weld discontinuities and their remedy. Machining: approach, mechanism, classification, cutting tool, tool material, heat generation, cutting fluid, grinding, Internal and external surface grinding, centerless grinding designation and selection of grinding wheel, trueing and balancing, honing, reaming, lapping, polishing etc. Improving properties: heat treatment of steel and aluminum alloys, Fe-C diagram, TTT diagram, and CCT diagram, heat treatment processes annealing, normalizing, quenching tempering, surface modification methods namely without change chemistry, changing chemical composition and development of coating and cladding.

ABOUT INSTRUCTOR:

Prof. D.K. Dwivedi obtained BE (mechanical engineering), in 1993 from GEC Rewa, ME (welding engineering) from Univ. of Roorkee in 1997 and PhD in Met. Engineering from MNIT, Jaipur in 2003. He has about 9 years teaching experience at NIT Hamirpur and 12 years at IIT Roorkee of subjects related with manufacturing at UG level and welding engineering related subjects at PG level.

COURSE PLAN:

Week 01: Understanding Manufacturing

Week 02 : Selection of manufacturing processes

Week 03 : Metal Casting: Steps of casting processes

Week 04: Metal Casting: Sand Moulding II

Week 05: Metal Casting: Cleaning of casting

Week 06 : Metal working processes: Rolling

Week 07: Metal working processing: Sheet metal operations (Shearing)

Week 08 : Material removal processes: Mechanism of the metal cutting

Week 09 : Material removal processes: Tool materials

Week 10: Material removal processes: Grinding operations

Week 11 : Joining of metals: Weldability and welding defects.

Week 12: Heat treatment: Tempering

W

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)



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Ph. 1985 S. 252233. 11 Website www.pragation.in.

Fundamentals of manufacturing processes - Online

COURSE OUTLINE

h is proposed to include fundamental of following aspects of manufacturing technology: Understanding Manufacturing concept of manufacturing, need, scope, advantages, limitation, application, materials and manufacturing, classication of manufacturing, process capabilities, selection, break even analysis of manufacturing processes. Casting: approach, steps, pattern, molding, gate and riser, melt treatment, solidication, casting processes: sand mould, shell mould, permanent mould casting, casting defect and their remedy. Lorming: approach, hot and cold forming, rolling, forging, extrusion, drawing, sheet metal forming, press, dies, types of dies and die set sheet metal operations punching, blanking, notching, nibbling. Joining approach, need, principle of fusion welding, gas welding, thermit welding, are welding common are welding processes, resistance welding, weldability of metals, solidication of weld, weld discontinuities and their remedy. Machining: approach, mechanism, classication, cutting tool, tool material, heat generation, cutting uid. grinding, internal and external surface grinding, centerless grinding designation and selection of grinding wheel, trueing and balancing, honing, reaming, lapping, polishing etc. Improving properties; heat treatment of steel and aluminum alloys. Fe-C diagram. TTT diagram, and CCT diagram, heat treatment processes annealing, normalizing, quenching tempering, surface modication methods namely without change chemistry, changing chemical composition and development of coating and cladding.

TOPICS COVERED

Week 01: Understanding Manufacturing

Week 02: Selection of manufacturing processes

Week 03: Metal Casting: Steps of casting processes

Week 04: Metal Casting: Sand Moulding II

Week 05: Metal Casting: Cleaning of casting

Week 06: Metal working processes: Rolling

Week 07: Metal working processing: Sheet metal operations (Shearing)

Week 08: Material removal processes: Mechanism of the metal cutting

Week 09: Material removal processes: Tool materials

Week 10: Material removal processes: Grinding operations

Week 11: Joining of metals: Weldability and welding defects

Week 12: Heat treatment: Tempering

NO.OF STUDENTS REGISTERED: 118

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	
1	BHAMIDIPATI SNEHA SRI	
2	KAJA SAI SRI DHARANI	
3	KANDULA ANJANA	
4	TEJASWI NARAHARISETTI	

ROLL NO
PRINCIPAL 1 A0302
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
#1-378, ADB ROAD, SURAMMELEM
Near Peddapuram, El&ADL (ADB)6533 437

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54	VIKAS KOYYALA	17A31A03F-1
55	ANAND LANKA	17A31A031-3
56	MADDI MOHAN KALYAN	17A31A03E4
57	PET HIA SURESH	17A31A03F3
58	PILLA MOULI SWAROOP	17A31A03F5
59	SIRIGINI EDI VENKATESH	17A31A03G1
60	CHANDRAKANTH SURYAVAMSI	17A31A03G4
61	MANIKANTA THOTA	17A31A03G5
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117	UPPALAPATI VISSU BABU	18A35A0349
118	SHYAM	18A35A0350

RESOURCE PERSON DETAILS

Prof. D.K. Dwivedi obtained BE (mechanical engineering), in 1993 from GEC Rewa, ME (welding engineering) from Univ. of Roorkee in 1997 and PhD in Met. Engineering from MNIT, Jaipur in 2003.

W

PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

Roll No: NPTEL19ME44552170063

TO KAJA SAI SRI DHARANI FT NO:403,GOKUL GARDENS,NEAR KAMAKSHI TEMPLE RAMANAIAH PETA KAKINADA EAST GODAVARI ANDHRA PRADESH 533003

PH. NO :0160514666



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Flite 40-59 Successfully Completed No Certificate 40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAJA SAI SRI DHARANI

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of

Online Assignments 23.44/25 Proctored Exam 30/75

Total number of candidates certified in this course: 1255

Prof. V. C. Srivastava diretor, Continuing Education Centre IIT Roorkae

Jul-Oct 2019 (12 week course)

Prof. Inderdeep Singh PRINCIPALIT Roorkee

PRAGATI ENGINEERING COLLEGE (AUTONOMOL

1-378, ADB RQAS Near Peddapuram, E



Indian institute of Technology Roorkee

12 A 3140305



Roll No: NPTEL19ME44552170009

TO KANDULA ANJANA D.NO:2-18,GANAPATHI TEMPLE STREET VETLAPALEM EAST GODAVARI ANDHRA PRADESH 533434

PH. NO :9603787333



Scor	Type of Certificate
>=90	Elite+Gold
75-8	9 Elite+Silver
>=60	Elle
40-59	Successfully Completed
440	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KANDULA ANIANA

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of

Online Assignments 24.06/25 Proctored Exam

38.27/75

Total number of candidates certified in this course: 1255

Prof. V. C. Srivastova Coordinator, Continuing Education Contra ICT Recrises

Jul-Oct 2019 (12 week course)

PRINCIPATTEL Coord PRAGATI ENGINEERING



Indian Institute of Technology Roorkee

1-378, ADB FOR Near Peddaguram,





1-378, ADB Road, Surampalem-533437

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with 'A' Grade) Recognized by UGC under sections 2(f) & 12(b) of the UGC Act ,1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2019-20

Developing Soft Skills and Personality

COURSE OUTLINE

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career.

TOPICS COVERED

Week 1: Introduction: A New Approach To Learning

Week 2: Conflict Resolution Skills: Seeking Win-Win Solution

Week 3: Habits: Guiding Principles

Week 4: Communication: Significance Of Listening

Week 5: Technology And Communication: Technological Personality

Week 6: Communication Skills: Effective Communication

Week 7: Nonverbal Communication: Introduction And Importance

Week 8: Presentation Skills: Overcoming Fear

NO.OF STUDENTS ATTENDED:265

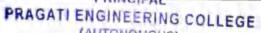
LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	AKANKSHA MISHRA
2	A G SRAVANTHI
3	ASHA CHANDINI BADAM
4	CH NIRCHITHA CHOWDARY
5	CHEBOLU SAILAJA
6	VISALA CHIRRAVURI
7	DWARA SRAVANI LAKSHMI
8	KANURI YAMUNA DURGA MALATHI
9	KATTA RESHMA
10	KATURI CLEIA SREE
11	KOMPELLA SAI LAKSHMI ANUSHA
12	ANKITHA LINGAM
13	MADDIPUDI BHOOLAXMI SAHITHI
14	MOHAMMED AFSHA
15	MORUKURTHI SATYA SWETHA
16	PADALA RAVEENAREDDY
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18	PYDAH GAYATRI JYOTHIRMAYI

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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241	M SATYA RAMA KRISHNA
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PRAGATI ENGINEERING COLLEGE

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LIST OF STUDENTS COMPLETED: 262

S.NO STUDENT NAME			
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PRAGATI ENGINEERING COLLEGE

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162	ATCHUTA KANAKA MAHESWARI NAGAMPALLI
163	PILLADI NAGA LAKSHMI PRIYA
164	PRIYA MADHURI
165	PRATHIPATI VISALA
166	REDDY MAMATHA
167	B SOWMYA SRI LIKHITHA
168	TANUKU SAI LAKSHMI MADHURI
169	LAKSHMI TEJASWI TENNETI
170	V SRI KRISHNA SRIJA
171	TEJASWI NARALA
172	KASHYAP BHYRAVAVAJJULA
173	B HARSHA SAI SURYA TEJA
174	CHAGANTI VINAY
175	CHINTAPALLI JOSEPH KISHORE REDDY
176	GODDU RAJA CHANDRA NAIDU
177	J SIVA TEJA
178	KETHA RAVIKANTH
179	SAICHANDRAHAAS
180	MOHAMMAD ALI AKHTAR
181	PSIVAKUMAR
182	SABBELLA MOHAN YASWANTH KUMAR REDDY
183	SRI HARSHA VARDHAN ALLURI
184	T SAI RAJESH
185	NAVEEN VENKATA GANESH
186	P V B VASANTHRAYAL
187	ARSHAD AHMAD KHAN
188	SMAILY BABHITHA
189	AKULA N V SAI HARSHA DEVI
190	BETHA TEJASWINI
191	CH JHANSI SATYAVENI
192	VYSHNAVI DHULIPALA
193	ESSVSL KIRANMAI
194	GADIYAKARI DEEPIKA
195	GANDHAM SUSMITHA
196	GODE KIRAN SINDHU
197	GULLIPALLI SATYA NIKITHA
198	K V S MANJUSREE
199	KADAMATI LAKSHMI PRIYANKA
200	KOTA MEGHANA
201	KOTANI BHAVYASRI
202	KURRU KALYANI
	MAHAMMAD AAFRIN FARYAL
204	AKHILA MANDAPATI
205	MANDAVILLI SAISRI
	MARNI SRIVANI
	FARA JAHAN
	MONDI KANAKA MAHA LAKSHMI
	MUNJAVARAPU AAKANKSHA
-	PALIVELA TEJASWINI
	P SANDHYA DEVI

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PRAGATI ENGINEERING COLLEGE

212	SANTOSHI PRIYANKA BATSALA
213	SHEIK HIMANI .
214	TUMATI BANDHAVI
215	TUMMALA SOWMYA
216	YELETI RAMYA PRIYANKA
217	AACHANTA NAVEEN
218	ARIGELA KUMAR GOWRI SANKAR SAIRAM
219	BONTHU SATISH
220	CHANDRAMOULI ANISH
221	CH ARAVINDSWAMY
222	D SAI ABISHEK
223	DOMMETI MANIKANTA
224	ARAVIND GARBHAPU
225	K AJAYSURYA
226	KALI SATISH NAIDU
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228	MUKTEVI NAGA SAI DURGA KRISHNA PRANAV
229	M SRI PRANEETHAN
230	PARASA VENKATA SAI ADITYA
231	PENTAPALLIVENKATAVINAY
	NADISH KUMAR UNDURTHI
232	VASAMSETTI ROHITRAM
233	SATYA NAVEEN VEMPATI
234	G L S D NIKITHA
235	KAKARAPARTHI LIKHITHA
236	ULLINGALA ALEKHYA
237	VASA GUNA SRI SAI MANOJNA
238	VULLAGANTI AMRUTHA
239	B SAI JAGADEESH
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251	V SURYA CHANDRA
252	V VISHNU
253	YASALAPU DURGA DEVI
254	G SANDEEP
255	VENKATANARESH
256	K SRISAIKUMAR
257	SURAMPUDI JAYABABU
258	DILEEP KUMAR VANAVADA
259	VENNA NAGA DURGAPRASAD
260	MURALI YADALA
261	AKHIL CHANDRA AKULA
262	ALLU VISHNU SRI SAI PHANEENDRA

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







DEVELOPING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN
Department of Humanities and Social Sciences
IIT Kanpur

INTENDED AUDIENCE ; Students, Teachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industries/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

COURSE OUTLINE :

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

ABOUT INSTRUCTOR:

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh, India. He has written about fifty research articles/book chapters, supervised six doctoral theses, edited a special issue on Cyberpunk Literature for the Creative Forum Journal, and published a book on Postmodern Identity. He is a recipient of the Fulbright-Nehru Academic and Professional Excellence Fellowship (2014-15) for his research/ teaching at Duke University, North Carolina, USA. He is honored with Champa Devi Gangwal Chair Professorship at IIT Kanpur. In his distinguished twenty-five years of teaching career, he has taught various courses in English Language and Literature. His NPTEL Video and Web courses on Communication Skills are well-acclaimed nationally and internationally. His NPTEL MOOC on Developing Soft Skills and Personality became hugely popular and well-received by about fifteen thousand participants from India and abroad

COURSE PLAN:

Week 1: Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Aiming For Excellence: Developing Potential And Self-Actualisation

Lecture 6: Need Achievement And Spiritual Intelligence

Week 2: Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert

Lecture 11: Types Of Stress: Self-Awareness About Stress
Lecture 12: Regulating Stress: Making The Best Out Of Stress

PRUMOU L

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



TO KAMIDI MARY HAVILA DOOR NO:-15-4-9, LUTHERGIRI NEAR PAPERMILL RAJAHMUNDRY **EAST GODAVARI ANDHRA PRADESH** 533105

PH. NO :7901547542



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KAMIDI MARY HAVILA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 24.00/25 Proctored Exam

47.25/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 (8 West FOUTPOLL Prof. Satyaki Roy **NPTEL Coordinator** IIT Kanpur



PRAGATI ENGINEERING COLLEGE Indian Institute of Technology Kanpur

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM



Roll No: NPTEL19HS32S52030219

To validate and check scores: https://nptel.ac.in/noc

TO B SOWMYA SRI LIKHITHA 4-187, YERRA CHERUVU STREET VEMAGARI EAST GODAVARI ANDHRA PRADESH 533125 PH. NO:6281112955



Score	Type of Certificate
>=90	Elite+Gold
75-89	Eine+Silver
>=60	Eite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

B SOWMYA SRI LIKHITHA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 23.50/25 Proctored Exam

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 RING COLLEGE (AUTONOMOUS)

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

Prof. Satyaki Roy NPTEL Coortinator



Indian Institute of Technology Kanpur

TO NAIDANA SUNEEL KUMAR 4-12, VENKATESWARA TEMPLE STREET. CHILLANGI, KIRLAMPUDI EAST GODAVARI ANDHRA PRADESH 533431 PH. NO:9010547228



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

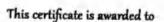
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



NAIDANA SUNEEL KUMAR for successfully completing the course



with a consolidated score of

Online Assignments 23.67/25 Proctored Exam

55.5/75

Total number of candidates certified in this course: 15357



Aug-Oct 201 (B week course)

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

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur

Indian Institute of Technology Kanpur

Roll No: NPTEL19HS32S52170014

to validate and check scores: https://nptel.ac.in/noc

TO NIMMAKAYALA P V SATYA PAVAN 1-1A-29/1 KAKINADA EAST GODAVARI ANDHRA PRADESH 533003

PH. NO:7730814114



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NIMMAKAYALA P V SATYA PAVAN

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 23.83/25 Proctored Exam 39.75/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 (8 week Course) TPAL Prof. Satyaki Roy **NPTEL Coordinator** IIT Kanpur

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddanuram F G Dt (

Indian Institute of Technology Kanpur

Roll No: NPTEL19HS32S52170020

To CHAKRAVARTHULA GAYATRI DESIKA PRAKASAM STREET KAKINADA EAST GODAVARI ANDHRA PRADESH 533004

PH. NO:7989848288



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

CHAKRAVARTHULA GAYATRI DESIKA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 19.83/25 Proctored Exam

63.75/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur



Aug-Oct 2019 (8 week course) L

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) Indian Institute of Technology Kanpur # 1-378, ADB ROAD, SURAMPALEM

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

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur

Roll No: NPTEL19HS32S52170020

To validate and check scores: https://nptel.ac.in/noc



1-378, ADB Road, Surampalem-533437

(Approved by AICTE, Permanently Affiliated to INTUK, KAKINADA & Accredited by NAAC with 'A' Grade)
Recognized by UGC under sections 2(t) & 12(b) of the UGC Act , 1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2019-20

Op Amp Practical Applications Design Simulation and Implementation - Online

COURSE OUTLINE

This course is a system design-oriented course aimed to provide exposure on applications of op-amps and its importance in the real world. Since analog circuits play a crucial role in the implementation of an electronic system, this course emphasis (in complete system design with initial discussion on circuit design. As part of this course student can build analog systems using analog ICs and study their macro models. Below are some of the course outcomes. To expose the operation of the basic building blocks of analog system To understand and analyze the Op-Amps. To understand feedback techniques and its advantage Ability to design amplifiers using Op-Amps. To develop the skill to build and troubleshoot Analog circuits To develop the skill to build complete system using analog circuits

TOPICS COVERED

Week 1: Understanding the Datasheet of Op-Amps

Week 2: Introduction to op-amps and discussion on its characteristics by simulation

Week 3: Understand the basics of Hysteresis and the need of hysteresis in switching circuits

Week 4: Op-Amp Circuits Analog-to-Digital Converter (ADC)

Week 5: Digital-to-Analog Converter (DAC) using Op-Amps

Week 6: To design and build a function generator capable of generating square wave and a triangular

Week 7: To design & build a voltage-controlled oscillator using simulation &TI analog system lab kit

Week 8: To design & build an automatic volume control using simulation & TI analog system lab kit

Week 9: To design and build a constant current drive circuit for measuring unknown resistance using Week 10: To design and build a temperature controlled system using op-amps as ON-OFF controller

Week 11: To design and build a signal conditioning circuit for the thermocouple to compensate

Week 12: To design and Implement a speed controller of a DC motor using simulation

NO. OF STUDENTS ATTENDED: 18

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME	
1	RAVINDRA YG	
2	MAGAPU CHAKRA DHARANI	
3	NAIDANA SUNEEL KUMAR	
4	NIMMAKAYALA P V SATYA PAVAN	
5	SHYAMKUMAR	1
6.	AVUGANTI VENKATA KALYANI	
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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

8	M.N V V SATYAVATHI	
9		
10	A G SRAVANTHI	
11	ASHA CHANDINI BADAM	
12		
13	CHEBOLU SAILAJA	
14	VISALA CHIRRAVURI	
15		
16		
17	KATTA RESHMA	
18		

LIST OF STUDENTS COMPLETED: 5

S.NO	STUDENT NAME
1	RAVINDRA YG
2	MAGAPU CHAKRA DHARANI
3	NAIDANA SUNEEL KUMAR
4	NIMMAKAYALA P V SATYA PAVAN
5	SHYAMKUMAR *

Coordinator

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



OP-AMP PRACTICAL APPLICATIONS: DESIGN, SIMULATION AND IMPLEMENTATION

PROF. HARDIK JEETENDRA PANDYA

Department of Electronic Systems Engineering IISc Bangalore

TYPE OF COURSE

: Rerun | Elective | UG/PG

COURSE DURATION: 12 weeks

PRE-REQUISITES

: Op-Amps fundamentals, Basic Electronics

and Circuits and Networks

INTENDED AUDIENCE: Any Engineering Student/Faculty

COURSE OUTLINE:

This course is a system design-oriented course aimed to provide exposure on applications of op-amps and its importance in the real world. Since analog circuits play a crucial role in the implementation of an electronic system, this course emphasis on complete system design with initial discussion on circuit design. As part of this course student can build analog systems using analog ICs and study their macro models. Below are some of the course outcomes. (1)To expose the operation of the basic building blocks of analog system. (2)To understand and analyze the Op-Amps. (3)To understand feedback techniques and its advantage. (4)Ability to design amplifiers using Op-Amps. (5) Ability to analyze and design filters using Op-Amps. (6) To develop the skill to build and troubleshoot Analog circuits. (7) To develop the skill to build complete system using analog circuits.

ABOUT INSTRUCTOR:

Prof. Hardik J. Pandya is a core faculty member in the Department of Electronic Systems Engineering, Division of Electrical Sciences, IISc Bangalore where he is developing Advanced Microsystems and Biomedical Devices Facility for Clinical Research and Biomedical and Electronic (10-6-10-9) Engineering Systems Laboratory to carry out cutting-edge research on novel devices to solve unmet problems in biology and medicine.

COURSE PLAN:

Week 01: Understanding the Datasheet of Op-Amps

Week 02 : Introduction to op-amps and discussion on its characteristics by simulation and experiment

Week 03 : Understand the basics of Hysteresis and the need of hysteresis in switching circuits

Week 04 : Op-Amp Circuits Analog-to-Digital Converter (ADC)

Week 05 : Digital-to-Analog Converter (DAC) using Op-Amps

Week 06: To design and build a function generator capable of generating square wave and a triangular wave of

a known frequency using simulation and experiment by TI analog system lab kit pro-

Week 07: To design and build a voltage-controlled oscillator using simulation and TI analog system lab kit pro

Week 08: To design and build an automatic volume control using simulation and TI analog system lab kit pro

Week 09: To design and build a constant current drive circuit for measuring unknown resistance using

simulation and Experiment on bread board

Week 10: To design and build a temperature controlled system using op-amps as ON-OFF controller and

Proportional controller by simulation and Experiment on bread board

Week 11 : To design and build a signal conditioning circuit for the thermocouple to compensate for temperature

correction

Week 12 : To design and Implement a speed controller of a DC notor using simulation and experiment

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Ot. (AP) 533-137



To MAGAPU CHAKRA DHARANI D. NO:7/17 **GONGURA STREET** SOMESWARAM **EAST GODAVARI** ANDHRA PRADESH

PH. NO:9398081291



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

MAGAPU CHAKRA DHARANI

for successfully completing the course

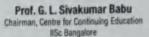
Op-Amp Practical Applications: Design, Simulation and Implementation

with a consolidated score of

Online Assignments 21.09/25 Proctored Exam

42.86/75

Total number of candidates certified in this course: 220



Jul-Oct 2015 PRAGATI ENGINEERING COLLEGE Prof. L. Umanand **NPTEL Coordinator IISc Bangalore**



Indian Institute of Science Bangalore

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM



To validate and check scores; https://nptel.ac.in/noc

Roll No: NPTEL19EE39S62030845

Roll No: NPTEL19EE39S62030857

To RAVINDRA YG

D/NO:2/138,G SAVARAM, PEDDAPURAPPADU.

KARAPA MANDAL

EAST GODAVARI

ANDHRA PRADESH

533468

PH. NO:7993601559



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort. Involved



Elite

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

RAVINDRA YG

for successfully completing the course

Op-Amp Practical Applications: Design, Simulation and Implementation

with a consolidated score of

Online Assignments 19.53/25 Proctored Exam

45.92/75

Total number of candidates certified in this course: 220

Prof. G. L. Sivakumar Babu Chairman, Centre for Continuing Education **IISc Bangalore**

Jul-Oct 2019 PRAGATI ENGLISE)

(AUTONOMOUS)

Indian Institute of Science Bangalore

1-37B, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437





Roll No: NPTEL19EE39S62030857

Roll No: NPTEL19EE39S62170132

TO NAIDANA SUNEEL KUMAR 4-12, VENKATESWARA TEMPLE STREET, CHILLANGI, KIRLAMPUDI EAST GODAVARI ANDHRA PRADESH 533431 PH. NO:9010547228



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NAIDANA SUNEEL KUMAR

for successfully completing the course

Op-Amp Practical Applications: Design, Simulation and Implementation

with a consolidated score of

Online Assignments 23.53/25 Proctored Exam

Total number of candidates certified in this course: 220

Prof. G. L. Sivakumar Babu Chairman, Centre for Continuing Education IISc Bangalore

Jul-Oct 2019 (12 WEGSERNER AL Prof. L. Umanand NPTEL Coordinator **IISc Bangalore**





Indian Institute of Science Bangalore

PRAGATI ENGINEERING COLLEGE

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

Roll No: NPTEL19EE39S62170132

To validate and check scores: https://nptel.ac.in/noc

NPTEL19EE39562170134

To SHYAMKUMAR

12-1-45,CINEMA CENTER,PEDDAPURAM, EAST

GODAVARI PEDDAPURAM

EAST GODAVARI

ANDHRA PRADESH

533437

PH. NO:7573959046



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SHYAMKUMAR

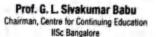
for successfully completing the course



with a consolidated score of

Online Assignments | 22.97/25 | Proctored Exam

Total number of candidates certified in this course: 220



GINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Indiah Institute of Science Bangalore Near Peddapuram, E.G.Dt. (AP)-533 437

Prof. L. Umanand NPTEL Coordinator **IISc Bangalore**





Roll No: NPTEL19EE39S62170138

TO NIMMAKAYALA P V SATYA PAVAN 1-1A-29/1 KAKINADA **EAST GODAVARI** ANDHRA PRADESH 533003

PH. NO:7730814114



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NIMMAKAYALA P V SATYA PAVAN

for successfully completing the course

Op-Amp Practical Applications: Design, Simulation and Implementation

with a consolidated score of

Online Assignments 21.91/25 Proctored Exam 53.57/75

Total number of candidates certified in this course: 220

Prof. G. L. Sivakumar Babu

Jul-Oct 2018

Prof. L. Umanand **NPTEL Coordinator IISc Bangaiore**

Chairman, Centre for Continuing Education **IISc Bangalore**



Indian Institute of Science Bangalore

(12 week Cottos) IPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

To validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL19EE39S62170138



PRAGATI ENGINEERING COLLEGE

1-378, ADB Road, Surampalem-533437

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Recognized by UGC under sections 2(1) & 12(b) of the UGC Act, 1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2019-20

Robotics

COURSE OUTLINE

The course will start with a brief introduction to robots and robotics. The motivation behind keeping robots in modern industries will be discussed. After providing a brief history of robotics, different components of a robotic system will be identified. The method of determining degrees of freedom of a robotic system will be discussed with some examples. After classifying the robots based on certain criteria, workspace analysis of manipulators will be carried out. Applications of robots in different areas like in manufacturing units, medical science, space, and others, will be discussed.

TOPICS COVERED

Week 1: Introduction to Robots and Robotics

Week 2 : Introduction to Robots and Robotics; Robot Kinematics

Week 3: Robot Kinematics

Week 4: Robot Kinematics; Trajectory Planning

Week 5: Robot Dynamics

Week 6 : Control Scheme; Sensors; Robot Vision

Week 7: Robot Vision; Robot Motion Planning

Week 8: Intelligent Robot; Biped Walking; Summary

NO. OF STUDENTS ATTENDED:10

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	B.ANU PRAVALLIKA
2	N K S S DURGA VENKATA SARASWATHI
3	N.MOUNAJA
4	P.DEVI PRIYA
5	K.LOHITHKUMAR
6	AVUGANTI VENKATA KALYANI
7	BONDUGULA SUVARNA ROY
8	M.N V V SATYAVATHI
9	AKANKSHA MISHRA
10	A G SRAVANTIII
	PRINCIPAL.



PRAGATI ENGINEERING COLLEGE

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

LIST OF STUDENTS COMPLETED: 8

S.NO	STUDENT NAME
- 1	B.ANU PRAVALLIKA
2	N K S S DURGA VENKATA SARASWATHI
3	N.MOUNAJA
4	P.DEVI PRIYA
5	K.LOHITHKUMAR
6	AVUGANTI VENKATA KALYANI
7	BONDUGULA SUVARNA ROY
8	M.N V V SATYAVATHI

Coordinator

h





ROBOTICS

PROF. DILIP KUMAR PRATIHAR

Department of Mechanical Engineering IIT Kharagpur

INTENDED AUDIENCE: Students belonging to all disciplines of Engineering, Researchers and practicing

Engineers can take this course

INDUSTRIES APPLICABLE TO : 1.RDCIS, Ranchi 2. CMERI, Durgapur 3. Reliance Industries 4.C-DAC, Kolkata and

COURSE OUTLINE:

The course will start with a brief introduction to robots and robotics. The motivation behind keeping robots in modern industries will be discussed. After providing a brief history of robotics, different components of a robotic system will be identified. The method of determining degrees of freedom of a robotic system will be discussed with some examples. After classifying the robots based on certain criteria, workspace analysis of manipulators will be carried out. Applications of robots in different areas like in manufacturing units, medical science, space, and others, will be discussed. Various methods of robot teaching will be explained with some suitable examples. Economic analysis will be conducted to decide whether we should purchase a robot. Both forward and inverse kinematics problems will be solved with the help of some suitable examples. To ensure smooth variation of joint angles of the robot, trajectory planning schemes will be explained. After carrying out velocity analysis with the help of Jacobian matrix, inverse dynamics problems of robots will be solved using Lagrange-Euler formulation. Control scheme used in robots to realize the joint torques will be discussed. Besides manipulators, analysis will be carried out on wheeled and multi-legged robots. The working principles of various sensors used in robots will be explained in detail. The steps to be followed in robot vision will be discussed with some suitable examples. The principles of motion planning algorithms will be explained in detail. Thus, this course will deal with all the issues related to kinematics, dynamics, control schemes and robot intelligence.

ABOUT INSTRUCTOR:

Prof. Dilip Kumar Pratihar received BE (Hons.) and M. Tech. from REC (NIT) Durgapur, India, in 1988 and 1994, respectively. I obtained my Ph.D. from IIT Kanpur, India, in 2000. I received University Gold Medal, A.M. Das Memorial Medal, Institution of Engineers' (I) Medal, and others. I completed my post-doctoral studies in Japan and then, in Germany under the Alexander von Humboldt Fellowship Programme. I received Shastri Fellowship (Indo-Canadian) in 2019, INSA Teachers' Award 2020, New Code Of Education 2021 Award, Distinguished Alumnus Award 2021 of NIT Durgapur. I received World's Top 2% Scientists honor in a survey carried out by Stanford University, USA, in 2020, 2021; Outstanding Researcher 2021 (h-index and award) reported by www.research.com. I am working now as a Professor (HAG scale) of IIT Kharagpur, India. My research areas include robotics, soft computing and manufacturing science. I have published more than 300 papers and book-chapters. I have written the textbooks on "Soft Computing" and "Fundamentals of Robotics", co-authored another textbook on "Analytical Engineering Mechanics", edited a book on "Intelligent and Autonomous Systems", co-authored reference books on "Modeling and Analysis of Six-legged Robots"; "Modeling and Simulations of Robotic Systems Using Soft Computing": "Modeling and Analysis of Laser Metal Forming Processes by Finite Element and Soft Computing Methods" and "Multibody Dynamic Modeling of Multi-legged Robots". My textbook on "Soft Computing" had been translated into Chinese language in 2009, I have guided 24 Ph.D.s. I am in editorial board of a few International Journals. I have been elected as FIE, MASME and SMIEEE. I have completed a few sponsored (funded by DST, DAE, MHRD) and consultancy projects. I have filed two patents, and applied for one Copyright.

Roll No: NPTEL19ME74S11900384

TO P.DEVI PRIYA D.NO. 48-21-4/A, GOLILA PETA, KAKINADA, EASTGODAVARI, AP KAKINADA EAST GODAVARI ANDHRA PRADESH

533002 PH. NO:8247723523



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P.DEVI PRIYA

for successfully completing the course

Robotics

with a consolidated score of

61

Online Assignments 25.00/25 Proctored Exam

Total number of candidates certified in this course: 1031

A. Goshami

PRAGASEF MINELRING COLLEG Pean, Continuing Education & NPTEL Coordinator

36/75

(8 week (A) 176) NOMOUS) # 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11900384

To validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL19ME74S12000159

TO B.ANU PRAVALLIKA 1-228/9, SIDDHARTHA NAGAR ROAD 6, RAYUDUPALEM KAKINADA EAST GODAVARI ANDHRA PRADESH

PH. NO:7893649579



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

B.ANU PRAVALLIKA

for successfully completing the course

Robotics

with a consolidated score of

Online Assignments 23.75/25 Proctored Exam 33/75

57

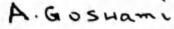
Total number of candidates certified in this course: 1031



PRAGATI THE REPERING COLLEGE (8 WERK FOUNDAMOUS)

1-378, ADB ROAD, SURAMPALEM

Indian Institute of Technology Kharagpur Peddapuram, E.G.Dt. (AP)-533 437



Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagour





Roll No: NPTEL19ME74S12000159

TO N.MOUNAJA 3-16B-7/1, POSTAL COLONY-3RD STREET KAKINADA EAST GODAVARI ANDHRA PRADESH 533003

PH. NO :9494046555



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2 An additional 1 credit may be awarded if the University deems it fit, be



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

N.MOUNAJA

for successfully completing the course

Robotics

with a consolidated score of

Online Assignments 23.75/25 Proctored Exam 45/75

Total number of candidates certified in this course: 1031

PRINC PRAGATIVENERIS RING COLLEGE (8 WEAR GOUSE) OUS)

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

Indian Institute of Technology Kharagpur



Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IT KNOWAGOU





TO BONDUGULA SUVARNA ROY D.NO 3-41, VEERA JUPETA, BIKKAVOLU (M & V), E.G.DIST, AP - 533343 **EAST GODAVARI** ANDHRA PRADESH 533343

PH. NO:6303297976



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BONDUGULA SUVARNA ROY

for successfully completing the course

Robotics

55 with a consolidated score of

Online Assignments 24.58/25 Proctored Exam 30/75

Total number of candidates certified in this course: 1031

A.GOSHA

Prof. Adrijit Goswami

PRAGATTENGINEERING COLLEGE Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur



UTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM Indian Institute of Technology Kharagpur Near Peddapuram, E.G.Dt. (AP)-533 437



Roll No: NPTEL19ME74S12000163

To validate and check scores: https://nptel.ac.in/noc

TO AVUGANTI VENKATA KALYANI 12-2-87, VELAMPETA **PITHAPURAM** EAST GODAVARI ANDHRA PRADESH 533450

PH. NO:7569858983



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

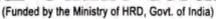
No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification





This certificate is awarded to

AVUGANTI VENKATA KALYANI

for successfully completing the course

Robotics

with a consolidated score of

Online Assignments 24.58/25 Proctored Exam

46.5/75

Total number of candidates certified in this course: 1031



Jul-PARPIROTIPAL

PRAGATI PHEN PRETING COLLEGE

(AUTONOMOUS)

Indian Institute of Technology Kharapput 1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437



A. GOSHA

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur

Roll No: NPTEL19ME74S12000167

To validate and check scores: https://nptel.ac.in/noc



PRAGATI ENGINEERING COLLEGE

1-378, ADB Road, Surampalem-533437

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with "A" Grade)

Recognized by UGC under sections 2(f) & 12(b) of the UGC Act ,1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2019-20

The Joy of Computing using Python

COURSE OUTLINE

A fun filled whirlwind tour of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically.

TOPICS COVERED

Week 1: Motivation for Computing

Week 2:Lists, Tuples and Conditionals: Lets go on a trip

Week 3: Counting Candies: Crowd to the rescue

Week4:Currency Converter: Count your foreign trip expenses

Week5: Searching: Find in seconds

Week6: Sentiment Analysis : Analyse your Facebook data

Week7: Permutations: Jumbled Words

Week8: Count the words: Hundreds, Thousands or Millions.

Week9: Six degrees of separation: Meet your favourites

Week10: Page Rank: How Google Works!!

NO. OF STUDENTS ATTENDED:27

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	ARAVA DEVI CHAITANYA
2	BHARATH CHALLA
3	TARUNDURBHA
4	PAPPU VENKATA SATYA PRAVEEN
5	B VENKATA KARTHIEK
6	MOHAMMAD YOUNUS
7	P CH S V N PADMAKAR
8	S JAYA KUMAR
9	SAI SATYA AMMULA
10	BULUSU SRI SAI SANDHYA
- 11	CHUNDRU TEJODHAYA SRAVYU
	PRINCIPAL



PRAGATI ENGINEERING COLLEGE

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

12	D S S PRANEELA	
13	DURGA NAGA VENKATA SATYA SRI SAHITHI	
14	P V S S SUREKHA	
15	YANAMANDRA ISWARYA LAKSHMI LAVANYA	
16	ANUSURI KARTHIK SRINIVAS	
17	CHOLLANGI V S V SAI MURALI KRISHNA	
18	MARUBOINA VEERA SWAMY	
19	MULLU LOKESH SAI SURYA VARA PRASAD	
20	P RAJA REDDY	
21	PAPPU BHANU SAI SATYA PRAKASH	
22	MANISUNDAR PERUMALLA	
23.	N V KRISHNA REDDY	
24	PSAMHITH	
25	PALACHARLA VARALAKSHMI	
26	KOLLA SAI VENKATA NUTAN KUMAR	
27	B.ANU PRAVALLIKA	

LIST OF STUDENTS COMPLETED: 26

S.NO	STUDENT NAME	
1	ARAVA DEVI CHAITANYA	
2	BHARATH CHALLA	
3	TARUNDURBHA	
4	PAPPU VENKATA SATYA PRAVEEN	
5	B VENKATA KARTHIEK	
6	MOHAMMAD YOUNUS	
7	P CH S V N PADMAKAR	
8	S JAYA KUMAR	
9	SAI SATYA AMMULA	
10	BULUSU SRI SAI SANDHYA	
11	CHUNDRU TEJODHAYA SRAVYU	
12	D S S PRANEELA	
13	DURGA NAGA VENKATA SATYA SRI SAHITHI	
14		
15	YANAMANDRA ISWARYA LAKSHMI LAVANYA	
16		
17	CHOLLANGI V S V SAI MURALI KRISHNA	
18	MARUBOINA VEERA SWAMY	
19	MULLU LOKESH SAI SURYA VARA PRASAD	
20		
21	PAPPU BHANU SAI SATYA PRAKASH	
22		
23		
24	PSAMHITH	
25	PALACHARLA VARALAKSHMI	
26		

PRINCIPAL

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

Coordinator





THE JOY OF COMPUTING USING PYTHON

PROF. SUDARSHAN IYENGAR

Department of Computer Science and Engineering IT Ropar

INTENDED AUDIENCE : Any interested audience
PREREQUISITES : 10th standard/high school

INDUSTRY SUPPORT: Every software company is aware of the potential of a first course in computer science.

Especially of a first course in computing, done right.

COURSE OUTLINE:

A fun filled whirtwind tour of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions.

ABOUT INSTRUCTOR:

Prof. Sudarshan Iyengar, Associate Professor at the CSE at IIT Ropar has a Ph.D. from the Indian Institute of Science (IISc). An exemplary teacher who has delivered over 350 popular science talks to students of high school and advanced graduate programmes. Prof. Sudarshan has offered more than 100 hours of online lectures with novel teaching methodologies that have reached lakhs of Students. His research interests include Data Sciences, Social Computing, Social Networks, Collective Intelligence, Crowdsourced Technologies and Secure Computation.

COURSE PLAN:

- Motivation for Computing
- Welcome to Programming!!
- Variables and Expressions : Design your own calculator
- · Loops and Conditionals : Hopscotch once again
- · Lists, Tuples and Conditionals: Lets go on a trip
- · Abstraction Everywhere: Apps in your phone
- · Counting Candies : Crowd to the rescue
- Birthday Paradox : Find your twin
- Google Translate: Speak in any Language
- Currency Converter: Count your foreign trip expenses
- Monte Hall : 3 doors and a twist
- Sorting : Arrange the books
- Searching : Find in seconds
- Substitution Cipher: What's the secret!!
- Sentiment Analysis : Analyse your Facebook data
- · 20 questions game : I can read your mind
- Permutations : Jumbled Words
- · Spot the similarities : Dobble game
- · Count the words: Hundreds, Thousands or Millions.
- Rock, Paper and Scissor: Cheating not allowed!!
- Lie detector : No lies, only TRUTH
- · Calculation of the Area : Don't measure.
- Six degrees of separation: Meet your favourites
- Image Processing : Fun with images
- Tic tac toe : Let's play
- · Snakes and Ladders : Down the memory lane.
- Recursion : Tower of Hanoi
- Page Rank: How Google Works!

L

To P.SAMHITH 2-425/26 BALAJI NAGAR KAKINADA EAST GODAVARI ANDHRA PRADESH 533005 PH. NO:7382249555



Score Type of Certificate	
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P.SAMHITH

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

76

Online Assignments 19.75/25 Programming Exam 25/25

Proctored Exam 31/50

Total number of candidates certified in this course: 8505

Devendra Jalihal

Prof. Devendra Jalihal

Chairman Centre for Continuing Education, IITM



Jul-Oct 2019 (12 week course)

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras



To validate and check scores; https://nptel.ac.in/noc.

Roll No: NPTEL19CS41S52170064

TO
PALACHARLA VARALAKSHMI
2-60
JAGGAMPETA
EAST GODAVARI
ANDHRA PRADESH
533435

PH. NO :9100344288



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

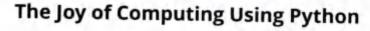
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PALACHARLA VARALAKSHMI

for successfully completing the course



with a consolidated score of

8

Online Assignments 24.25/25 Programming Exam 25/25 Proctored Exam 39/50

Total number of candidates certified in this course: 8505

Devendra galihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S52170064

To validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL19CS41S52170066

TO PRAJA REDDY 11-141 MAIN ROAD KONKUDURU EAST GODAVARI ANDHRA PRADESH

533345 PH. NO 19553539646



Score	Type of Certificate	
>=90	Elite+Gold	
75-89	Elite+Silver	
>=60	Elite	
40-59	Successfully Complete	
<40	No Certificate	

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.





NPTEL O

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to



P.RA JA REDDY for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

Online Assignments 25/25

Programming Exam 25/25

Proctored Exam 42/50

Total number of candidates certified in this course: 8505

Devendra galibal

Prof. Devendra Jalihal Chairman Centre for Continuing Education, IITM

Jul-Oct 2019 PRINCIPAL

PATA WANTERING COLLEGE

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



Prof. Andrew Thangaraj **NPTEL Coordinator** III Madras



Indian Institute of Technology Madras



TO BALUSU LAKSHMI SOWJANYA DOORNO:1-79, BALUSU STREET, PEDAPALLA PEDAPALLA **EAST GODAVARI** ANDHRA PRADESH 533232 PH. NO:9381544698



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involve



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BALUSU LAKSHMI SOWJANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

Online Assignments 23.25/25 Programming Exam 25/25

Proctored Exam 22/50

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras

Total number of candidates certified in this course: 8505

Devendra Jalihal

Prof. Devendra Jalihal

Chairman Centre for Continuing Education, IITM Jul-Oct 2019

(12 week coupse) NCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



Indian Institute of Technology Madras

Roll No: NPTEL19CS41S62030464

To validate and check scores: htt

> 011 | 10 000 100 11 11 1 10 0 0 0 11 11 1 1 10 0 1 10 1 10 1 10 1 10 1 10 1 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 Roll No: NPTEL19CS41S62030464

TO BALUSU LAKSHMI SOWJANYA

DOORNO:1-79,BALUSU STREET,PEDAPALLA

PEDAPALLA

EAST GODAVARI

ANDHRA PRADESH

533232

PH. NO:9381544698



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

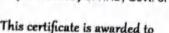
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)





This certificate is awarded to

BALUSU LAKSHMI SOWJANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

Online Assignments 23.25/25 Programming Exam 25/25

Proctored Exam 22/50

Total number of candidates certified in this course: 8505

Devendra galihal

Prof. Devendra Jalihal

Chairman Centre for Continuing Education, IITM

Jul-Oct 2019 RINCIPAL

ENGINEERING COLLEGE

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



Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras

TO P V S S SUREKHA D-NO:12-2-234/A, DANTUVARI STREET, SURYARAOPET, KAKINADA. KAKINADA EAST GODAVARI ANDHRA PRADESH

PH, NO:9652793248



Score	Type of Certificate	
>=90	Elite+Gold	
75-89	Elite+Silver	
>=60	Elite	
40-59	Successfully Completed	
<40	No Certificate	

No. of credits recommended by NPTEL:3

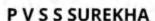
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



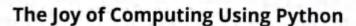
Elite

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to



for successfully completing the course



with a consolidated score of

83

Online Assignments 24.5/25 | Programming Exam 25/25

Proctored Exam 33/50

Total number of candidates certified in this course: 8505

Devendra galibal

Prof. Devendra Jalihal

Chairman

Centre for Continuing Education, IITM



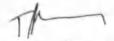
Jul-Oct 2019

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras





Indian Institute of Technology Madras

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20 Blockchain Architecture Design and Use Cases - Online BROCHURE



BLOCKCHAIN ARCHITECTURE DESIGN AND USE CASES

PROF. SANDIP CHAKRABORTY Dept. of Computer Science and Engineering IIT Kharagpur

Dr. PRAVEEN JAYACHANDRAN Research Staff Member IRM

Technical Partner

TYPE OF COURSE

: Rerun | Elective | UG/

COURSE DURATION : 12 weeks

INTENDED AUDIENCE : PG CSE, ECE, EE, Maths INDUSTRIES APPLICABLETO : IT Industries

COURSE OUTLINE:

The widespread popularity of digital cryptocurrencies has led the foundation of Blockchain, which is fundamentally a public digital ledger to share information in a trustworthy and secure way. The concept and applications of Blockchain have now spread from cryptocurrencies to various other domains, including business process management, smart contracts, loT and so on. This course is a joint venture from academia and industry, where the target is to cover both the conceptual as well as application aspects of Blockchain. This includes the fundamental design and architectural primitives of Blockchain, the system and the security aspects, along with various use cases from different application domains.

ABOUT INSTRUCTOR:

Prof. Sand'p Chakraborty received the Ph.D. and M.Tech. degrees from Department of Computer Science and Engineering, Indian Institute of Technology (IIT), Guwahati, India. Presently, he is an Assistant Professor with Department of Computer Science and Engineering, IT Kharagpur.

Dt. Praveen Jayachandran is a research staff member, master inventor and manager of the Blockchain and Smart Contracts team at IBM Research, India. His work spans different aspects of blockchain technology, Including developing an enterprise-grade blockchain platform, development of smart contracts, and reimagining industry use cases in a blockchain world.

COURSE PLAN:

Week 01 : Introduction to Blockchain

Week 02: Crypto Primitives and Bitcoin

Week 03 : Consensus

Week 04: Permissioned Blockchain

Week 05 : Hyperledger Fabric

Week 06 : Fabric Demo

Week 07 : Blockchain Use Cases - Finance

Week 08 : Blockchain Use Cases - Industry

Week 09 : Blockchain in Government and Blockchain Security

Week 10 : Security and Research Aspects

Week 11: Research Aspects In Blockchain

Week 12 : Al, Blockckahln and Big Data

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LIST OF STUDENTS ENROLLED

S.NO	ROLL.NO	NAME	
1	17A31A05B2	SABBELLA VENKATESWARA AYYAPPA REDDY	
2	17A31A0528	SETTIPALLI DHARANI	
3	17A31A0540	GARAPATI SRI SAI VINAY	
4	17A31A0526	PYDAH VISWA RAMYA	
5	17a31a0550	NAVANEETH SAI SRI HARSHA PENDYALA	
6	17A31A05B3	SAVADA SAI LOKESH REDDY	
7	18a35a0510	KOPPISETTI BABA VAMSI BHAVANI SANKAR	
8	17a31a05a4	INDANA SAI TEJA	
9	17A31A05A2	CHOWHAN MUNNA	
10	18A35A0506	KONE SRI SAI RAM	
11	17A31A05A5	K RAJESH VARMA	
12	17A31A0544	JEENI SATYA MANOJ	
13	17A31A0557	VELAGA VENKATA SAI KIRAN	
14	17A31A0558	VENKATA RAMANA KANDIPILLI	
15	17A31A0559	YERRAMSETTI SAI	
16	17A31A0552	SATHI TARUN SAI VENKATA REDDY	
17	17A31A0523	PINEPEY SAMAIKYA	
18	17A31A05B9	SRIRAM ADDANKI	
19	17A31A0569	SATYA ANUSHA JEENU	
20	18A35A0504	ANURADHA THATAVARTHY	
21	18A35A0501	CHELLUBOYENA MOUNIKA	
22	17A31A05B7	RAKESH YARRAPRAGADA	
23	18A35A0511	SUSHMANTH	
24	17A31A0532	AKKINA DANIEL PRAVEEN KUMAR	
25	17A31A05B8	KRISHNA MOHAN CHEKURI	
26	17A31A05B0	RAMACHANDRAPURAPU SAI SASANK	
27	18A35A0513	KUMAR RAJU	
28	17A31A05A8	MOYILLA GANESH KUMAR	
29	17A31A05B5	THAMBULURI VENKATA PRADEEP	
30	17a31a0599	BANISETI N V V SURYA SAI GANESH	
31	17A31B0514	KILLADA KALYANI LAKSHMI PRASANTHI	
32	17A31B0553	VAMSI JANAKIRAM PEDDIMSETTI	





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

LIST OF STUDENTS CLEARED

S.NO	ROLL.NO	NAME	COURSE TITLE	RESULT
1	17A31A0528	SETTIPALLI DHARANI	Blockchain Architecture Design and Use Cases - Online	Successfully
2	17A31A0526	PYDAH VISWA RAMYA	Blockchain Architecture Design and Use Cases - Online	Elite
3	18A35A0504	ANURADHA THATAVARTHY	Blockchain Architecture Design and Use Cases - Online	Successfully completed
4	17a31a0599	BANISETI N V V SURYA SAI GANESH	Blockchain Architecture Design and Use Cases - Online	Successfully completed
5	17A31B0514	KILLADA KALYANI LAKSHMI PRASANTHI	Blockchain Architecture Design and Use Cases - Online	Successfully completed

Coordinator

SAMPLE CERTIFICATES

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL19CS63S62030736

TO
BANISTI N YY SUTYA SAI GANISH
18-41
BOPPLYARI STREET
PEDGAPURAH STRAET
PEDGAPURAH
STRAET
BAST GOOGNARI
ANDERA PRADESH

PH. NO :7093493003



Bcom Type of Certificate

>=90 Elite+Colc

75-89 Elite+Silver

>=60 Elite

40-59 Soccessfully Completed

cat) No Certificate

No. of credits recommended by NPTEL-3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BANISETI N V V SURYA SAI GANESH

for successfully completing the course

Blockchain Architecture Design and Use Cases

with a consolidated score of 52 9

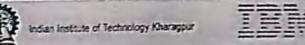
Online Assignments 20.97/25 Proctored Exam 31.13/75

Total number of candidates certified in this course: 460

A. Gosuami

Prof. Adrijit Gossvami Drae, Continung Education & NPTE, Coordinate IT Flamagour

Jul-Oct 2019 (12 week course)





To validate and check scores; https://rotel.ac.in/hor

Roll Not: NPTEL19CS63S62030736



PRINCIPAL
PRAGATI ENGINEERING COLLEGE

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

1/2

Roll No: NPTEL19CS63S62030716

To ANURADHA THATAVARTHY DOOR NO.23-7-7/G7 DUGGIRALIVARI STREET ,SATYA APPARTMENTS KAKINADA EAST GODAVARI ANDHRA PRADESH 533001



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ANURADHA THATAVARTHY

for successfully completing the course

Blockchain Architecture Design and Use Cases

with a consolidated score of 46

Online Assignments 16.19/25 Proctored Exam 30/75

Total number of candidates certified in this course: 460

Jul-Oct 2019

(12 week course)

A. GOSHAMU

Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IT Khanagour



Indian Institute of Technology Kharagour

IEM

swayam

Roll No: NPTEL19CS63S62030716

. To validate and check scores: https://nptel.ac.in/noc



PRINCIPAL PRAGATI ENGINEERING COLLEGE

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



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20 Practical Machine Learning with Tensorflow BROCHURE



Mr. Ashish Tendulkar Department of Computer Science and Engineering Google PROF, BALARAMAN RAVINDRAN
Department of Computer Science and Engineering

TYPE OF COURSE : Rerun | Elective | UG

COURSE DURATION : 8 weeks

PRE-REQUISITES: Programming, Data Mining or Machine Learning or Data Science

COURSE OUTLINE:

This will be an applied Machine Learning Course jointly offered by Google and IIT Madras. We will cover the basics of Tensorflow and Machine Learning in the initial sessions and advanced topics in the latter part. After this course, the students will be able to build ML models using Tensorflow.

ABOUT INSTRUCTOR :

Prof. Balaraman Ravindran is currently an associate professor in Computer Science at ITT Madras. He has nearly two decades of research experience in machine learning and specifically reinforcement learning. Currently his research interests are centered on learning from and through interactions and span the areas of data mining, social network analysis, and reinforcement learning.

Mr. Ashish Tendulkar is an an experienced AI/ML professional with specialization in deep learning and natural language processing. He carry 18 years of experience of working in the domain on AI and machine learning. This includes 11 years of post-PhD experience in multiple domains, including fintech, fashion, online media and advertising, oil and gas, manufacturing, IT systems, healthcare and messaging. He had acted as trusted machine learning advisor for start ups in diverse areas including fashion, fintech, agritech, healthcare, smart messaging, autonomous IT systems, HR and retail.

COURSE PLAN:

Week 1: Getting started with Tensorflow

Week 2: Overview of Machine Learning (Process and Techniques, Demonstration of ML concepts with Deep Playground)

Week 3: Data Input and Preprocessing with Tensorflow

Week 4: Machine Learning Model Building

Week 5: Prediction with Tensorflow

Week 6: Monitoring and evaluating models using Tensorboard

Week 7: Advance Tensorflow (Building custom models - CNNs, Scaling up for large datasets)

Week 8: Distributed training with hardware accelerators

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LIST OF STUDENTS ENROLLED

SI.NO	ROLL,NO	NAME
1	17A31A0534	CH S R SURYA TEJA
2	17A31B0549	MUSINADA SRIKANTH CHAKRAVARTHY
3	17A31A0565	DWARA SUSHMA
4	17A31B0546	M PRAVEEN KUMAR
5	17A31A0592	SREEMANTHULA NADIYA
6	17A31B0548	MANDALA SRI REVANTH KUMAR
7	17A31B0535	UMMIDI CHANDANA DEVI
8	17A31A0568	JANGAM PRIYANJALI
9	17A31B0542	DANAM SHALEM
10	17A31A0575	SAI PRIYANKA MUGGULLA
11	17A31A0551	SRI HARSHA SANAMPUDI
12	17A31B0515	KINTHADA VENKATA SAI ANURADHA
13	17A31A0547	K SAI VENKATA VIVEK
14	17A31A0585	RAJESWARI PYLA
15	17A31B0519	ARUNA SAI DEVI
16	17A31B0551	PALACHARLA VENKATA NAVEEN
17	17A31A0584	PRATHIPATI CHARISHMA DEVI
18	17A31B0544	DOWRLA HARSHA VARDHANBABU
19	17A31B0552	PARDHA MANIKANTH PATNALA
20	17A31A0546	KOONDRAPU KOUSHIK SRI SAI
21	17A31B0560	RAYUDU JOSHI HEZEKIAH
22	17A31A0519	SHARMILA MUNDURI
23	18A35B0501	PAMU MADHU BABU
24	17A31B0557	TAMALAMPUDI TULASIDHAR REDDY
25	17A31A0588	S V Sri Santhi
26	17A31A0586	REDDY RAMYASRI
27	17A31A0576	M JYOTHIRMAI
28	17A31A0545	KILIM DEVA KUMAR
29	17A31B0555	PONNAPALLI SAI DURGA PRASAD
30	17A31B0558	THALARI SAI TEJA
31	17A31B0556	SEELA AJAY KRISHNA
32	17A31A0538	DHARMAVARAPU BALA SRI RAM
33	17A31B0539	BADUGU RAM MOHAN RAO
34	17A31B0543	DENKADA RAJU
35	17A31B0502	BANDARU SUBHA SRI LAKSHMI
36	17A31B0531	PEDDIREDDY SOWNYA PRINCIPAL

PRINCIPAL

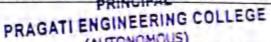
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37	17A31A0541	SURYAKANTH GOLLAPALLI
38	17A31A0513	KANTIPUDI IYOTH RMAI
39	17A31A0533	BATTINI VENKATA SATYA SURYA BHEEMA SANKAR
40	17A31A0514	KARRI VIJAYA LAKSHMI
41	17A31A0535	KATNA SWAMY CHERUKU
42	17A31A0507	CHANDINI GELLA
43	17A31A0536	CHODISETTI HARSHA SRI VENKATA SURYA
44	17A31A0501	AFREEN JAHA
45	17A31A0509	GURI UDAYA NAGA ANANTHA JYOTHI
46	17A31A0515	KOPPANA NAGALAKSHMI
47	17A31A0510	G JYOTSHNA.
48	16A31B0532	AKHILASRISAI
49	17A31A0539	UDAY KIRAN GANDHAM
50	17A31A0556	THOTA PRAVEEN SAI SANTHOSH
51	17A31A0549	PATHI VASANTH KUMAR

LIST OF STUDENTS CLEARED

SI.NO	ROLLNO	NAME	COURSE TITLE	RESULT
1	17A31A0534	CH S R SURYA TEJA	Practical Machine Learning	Site
2	17A31A0565	DWARA SUSHMA	Practical Machine Learning	Elite
3	17A31B0546	M PRAVEEN KUMAR	Practical Machine Learning	Successfully completed
4	17A31A0592	SREEMANTHULA NADIYA	Practical Machine Learning	Successfully completed
5	17A31B0535	UMMIDI CHANDANA DEVI	Practical Machine Learning	Successfully completed
6	17A31A0568	JANGAM PRIYANJALI	Practical Machine Learning	Successfully completed
7	17A31A0575	SAI PRIYANKA MUGGULLA	Practical Machine Learning	Elite
8	17A31A0551	SRI HARSHA SANAMPUDI	Practical Machine Learning	Elice
9	17A31B0515	KINTHADA VENKATA SAI ANURADHA	Practical Machine Learning	Successfully completed
10	17A31A0585	RAJESWARI PYLA	Practical Machine Learning	Elite
11	17A31B0551	PALACHARLA VENKATA NAVEEN	Practical Machine Learning	Successfully
12	17A31A0584	PRATHIPATI CHARISHMA DEVI	Practical Machine Learning	Successfully completed
13	17A31B0552	PARDHA MANIKANTH PATNALA	Practical Machine Learning	Successfully completed
14	17A31A0546	KOONDRAPU KOUSHIK SRI SAI	Practical Machine Learning	Elite
15	17A31B0560	RAYUDU JOSHI HEZEKIAH	Practical Machine Learning	Successfully completed
16	17A31B0557	TAMALAMPUDI TULASIDHAR REDDY	Practical Machine Learning	Successfully completed
17	17A31A0588	S V Sri Santhi PRINCIPAL	Practical Machine Learning	Successfully



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				completed
18	17A31A0586	REDDY RAMYASRI	Practical Machine Learning	Successfully completed
19	17A31A0576	M JYOTHIRMAI	Practical Machine Learning	Successfully completed
20	17A31A0545	KILIM DEVA KUMAR	Practical Machine Learning	Elite
21	17A31B0555	PONNAPALLI SAI DURGA PRASAD	Practical Machine Learning	Successfully completed
22	17A31B0531	PEDDIREDDY SOWMYA	Practical Machine Learning	Successfully completed
23	17A31A0513	KANTIPUDI JYOTHIRMAI	Practical Machine Learning	Successfully completed
24	17A31A0514	KARRI VIJAYA LAKSHMI	Practical Machine Learning	Elite
25	17A31A0535	KATNA SWAMY CHERUKU	Practical Machine Learning	Successfully completed
26	17A31A0507	CHANDINI GELLA	Practical Machine Learning	Successfully completed
27	17A31A0501	AFREEN JAHA	Practical Machine Learning	Successfully completed
28	17A31A0515	KOPPANA NAGALAKSHMI	Practical Machine Learning	Successfully completed
29	17A31A0510	G JYOTSHNA	Practical Machine Learning	Successfully completed
30	17A31A0556	THOTA PRAVEEN SAI SANTHOSH	Practical Machine Learning	Successfully completed

Coordinator

PRINCIPAL
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*

Roll No: NPTEL19CS81532170089

TO CHANDINI GILLA 1-60, NANDHI CENTRE THONDANGI FAST GODAVARI ANDHRA PRADESH 533408 PH. NO %281557889



Score	Type of Certificate	
>=90	Elite+Gold	
75-89	El4e+Silver	
>=60	Elite	
40-59	Successfully Completed	
<40	No Certificate	

No. of credits recommended by NPTEL:2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govl. of India)



This certificate is awarded to

CHANDINI GELLA

for successfully completing the course

Practical Machine Learning with Tensorflow

with a consolidated score of

Online Assignments 19.25/25 Proctored Exam 30/75

Devendra gelikal

Total number of candidates certified in this course: 761

Chairman Centre for Continuing Education, NTM

Aug-Oct 2019 (8 week course) Prof. Andrew Thangaraj MPTEL Coordinator ET Madras



Indian Institute of Technology Madras

Google

Rol No: NPTEL19CS81S32170089

To validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL19CS81S32170093

TO AFFEEN JAHA

DOORNUMBER-13-1240/AFLATNUMBER-52,KARTHIKTYA RESIDENCY,HUKKUMPETA-RAJAHMUNDRY

RAJAMAHENDRAVARAM

EAST GODAVARI

ANDHRA PRADESH

533107

PHL NO:7720911583



Score	Type of Certificate	
>=90	Elite+Gold	
75-89	Bite+Silver	
>=60	Elte	
40-59	Successfully Completed	
<40	No Certificate	

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to AFREEN JAHA

for successfully completing the course

Practical Machine Learning with Tensorflow

with a consolidated score of

8

Online Assignments 18.21/25 Proctored Exam 30/75

this

Prof. Devendra Jalihal

Aug-Oct 2019 (8 week course)

Total number of candidates certified in this course: 761

Prof. Andrew Thangara NFTEL Coordinator

Centre for Continuing Education, NTM

Google

swayam

Roll No: NPTEL19C581S32170093

Indian Institute of Technology Madras

To validate and check scores: https://inptel.ac.in/nec

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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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1

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20 PROGRAMMING IN C++ BROCHURE



PROGRAMMING IN C++

PROF. PARTHA PRATIM DAS

Department of Computer Science and Engineering ET Kharagpur

TYPE OF COURSE

: Rerun | Core | UG/PG

COURSE DURATION

: B weeks

PRE-REQUISITES: Basic Knowledge of Programming, Data Structure, C Programming Attending a course on OOP/OOAD with this course will help

INTENDED AUDIENCE : BCA, MCA, B.Tech., M.Tech.

INDUSTRIES APPLICABLE TO : Programming in C++ is so fundamental that all companies dealing with systems as well as application development (including web, IoT, embedded systems) have a need for the same. These include -Microsoft, Samsung, Xerox, Yahoo, Google, IBM, TCS, Infosys, Amazon, Flipkart, etc.

COURSE OUTLINE:

There has been a continual debate on which programming language/s to learn, to use. As the latest TIOBE Index for May 2019 indicates - Java (16%), C (14%), C++ (8%), Ce(4%), and Python (8%) together control nearly half the programming community. Given this, it is still important to learn C and C++ because of the efficiency they offer. While we appreciate that Java is good for applications, for graphics; and we acknowledge that Python is appropriate for portable software, engineering problem solving, and graphics; it is worth bearing in mind that the JVM and Python interpreter are indeed written in C++, making C++ the father of all languages today.

ABOUT INSTRUCTOR:
Prof. Partha Pratim Das received his BTech, MTech and PhD degrees in 1984, 1985 and 1988 respectively from IIT Kharagpur. He served as a faculty in Department of Computer Science and Engineering, IIT Kharagpur from 1988 to 1998. In 1998, he joined Alumnus Software Ltd as a Business Development Manager. From 2001 to 2011, he worked for Interra Systems, Inc as a Senior Director and headed its Kolkata Center. In 2011, he joined back to Department of Computer Science and Engineering, IIT Kharagpur as Professor. Dr. Das has also served as a Visiting Professor with Institute of Radio Physics and Electronics, Calcutta University from 2003 to 2013.

COURSE PLAN :

Week 1; Programming in C++ is Fun : Build and execute a C program in C++, Write equivalent programs in

Week 2: C++ as Better C : Procedural Extensions of C

Week 3: Overview of OOP in C++: Classes and basic Object-Oriented features (encapsulation)

Week 4: Overview of OOP in C++: More OO features, overloading, namespace and using struct and union

Week 5: Inheritance : Generalization / Specialization of Object Modeling in C++

Week 6: Polymorphism : Static and Dynamic Binding

Week 7: Type Casting & Exceptions : C++ cast operators; C++ Exceptions & standard exception classes

Week 8: Templates & STL - Function and Class templates and using STL like containers, algorithms



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

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

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

LIST OF STUDENTS ENROLLED

S.NO	ROLL.NO	NAME		
1	18A31A0534	Bhupathiraju Chalapathi Naga V		
2 18A31A0517		Mogga Lalitha Priyanka		
3	18A31A0525			
4				
5 18A35A0502		2 Nagini Pabolu		
6 18A31A0552		NAME OF TAXABLE PARTY.		
7	7 18A31A0511 Katari Sai Hari Priya			
8	8 18A31A0516 Meka Gowthami Priya			
9 18A31B0517 Kunche		Kunche Kavya		
10 18A31A0531		Vinay		
11 18A31A0520		Mohitha Pepakayala		
12 18A31A0519 Palepu Shivani		Palepu Shivani		
13 18A31A0502		Nandini Siva Lavanya Bade		
14	18A31A0504	A0504 Geddam Mounika		
15 17A31A0537		Pavan Venkat Sai.Devada		

LIST OF STUDENTS CLEARED

S.N O	ROLLINO	NAME	COURSE TITLE	RESULT
	18A31A053	BHUPATHIRAJU CHALAPATHI NAGA V	Programming In C++	Silver
2	18A31A053	VINAY	Programming in C++	Successfully completed
3	18A31A055	SALAPAKA DATTA SAI VINAY	Programming In C++	Silver

Coortmator

10



TO PRAGATI ENGINEERING COLLEGE BAST GODAVAN



Proctored exam	Final score	Type of Certificate
>=10	>40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Eilte + Gold

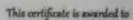
No. of credits recommended by NPTEL: 2





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)





BHUPATHIRAJU CHALAPATHI NAGA V

for successfully completing the course

PROGRAMMING IN C++

with a consolidated acore of

79 %

Online Assignments 23.25/25 Programming Exam 19.75/25 Proctored Exam 36.25/50

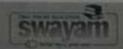
Total number of candidates certified in this course: 2143

Prof. Adnjit Goswami



Indian Institute of Technology Kharagour

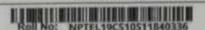
Jun - Mar 2019 (6 work course)



Roll No. NPTEL190510511840055

To validate and chock scores; how metal as lakes





TOPRAGRIT ENGINEERING COLLEGE EAST GODAVARI



Proctored exam	Final score	Type of Certificate
>=10	>40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold

No. of credits recommended by NPTEL: 2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

VINAY

for successfully completing the course

PROGRAMMING IN C++

with a consolidated score of

43 %

Online Assignments 16.75/2	Programming Exam 10.75/25	Proctored Exam 15.63/50
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Total number of candidates certified in this course: 214

A-Gosham

Prof. Adrijit Goswami Dear, Certinang Education & Nº 713. Cocations UT Consecut



Indian Institute of Technology Kharagpur

Jan - Mar 2019 (6 week course)



Roll No: NPTEL 19CS10S11840336

To validate and check scores: http://potel.ac.in/not

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

#

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20

DEVELOPING SOFT SKILLS AND PERSONALITY

BROCHURE



DEVELOPING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN
Department of Humanities and Social Sciences
IT Kancur

INTENDED AUDIENCE: Students, Teachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industries/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

COURSE OUTLINE:

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnade, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional impligence, social grace, flexibility, friendiness and effective communication skills.

ABOUT INSTRUCTOR:

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh, India. He has written about fifty research articles/book chapters, supervised six doctoral theses, edited a special issue on Cyberpunk Literature for the Creative Forum Journal, and published a book on Postmodern Identity. He is a recipient of the Futbright-Niehru Academic and Professional Excellence Fellowship (2014–15) for his research/ teaching at Duite University, North Carolina, USA, He is honored with Champa Devi Gangwal Chair Professorship at IIT Kanpur. In his distinguished twenty-five years of teaching career, he has taught vanous courses in English Language and Literature. His NPTEL Video and Web courses on Communication Skills are well-acclaimed nationally and internationally. His NPTEL MOOC on Developing Soft Skills and Personality became hugely popular and well-received by about fifteen thousand participants from India and abroad

COURSE PLAN:

Week 1: Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Arming For Excellence: Developing Potential And Self-Actualisation

Lecture 6: Need Achievement And Spintual Intelligence

Week 2: Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples

Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert

Lecture 11: Types Of Stress: Self-Awareness About Stress Lecture 12: Regulating Stress: Making The Best Out Of Stress

1

Week 3: Lecture 13: Habits: Guiding Principles

Lecture 14: Habits: Identifying Good And Bad Habits

Lecture 15: Habits: Habit Cycle Lecture 16: Breaking Bad Habits

Lecture 17: Using The Zeigarnik Effect For Productivity And Personal Growth

Lecture 18: Forming Habits Of Success

Week 4: Lecture 19: Communication: Significance Of Listening

Lecture 20: Communication: Active Listening

Lecture 21:Communication: Barriers To Active Listening

Lecture 22: Telephone Communication: Basic Telephone Skills Lecture 23: Telephone Communication: Advanced Telephone Skills

Lecture 24: Telephone Communication: Essential Telephone Skills

Week 5: Lecture 25: Technology And Communication: Technological Personality

Lecture 26: Technology And Communication: Mobile Personality?

Lecture 27: Topic: Technology And Communication: E-Mail Principles

Lecture 28: Technology And Communication: How Not To Send E-Mails!

Lecture 29: Technology And Communication: Netiquette

Lecture 30: Technology And Communication: E-Mail Etiquette

Week 6: Lecture 31: Communication Skills: Effective Communication

Lecture 32: Barriers To Communication: Arising Out Of Sender/Receiver's Personally

Lecture 33: Barriers To Communication: Interpersonal Transactions

Lecture 34: Barriers To Communication: Miscommunication

Lecture 35: Non-Verbal Communication: Pre-Thinking Assessment-1

Lecture 36: Non-Verbal Communication: Pre-Thinking Assessment-2

Week 7: Lecture 37: Nonverbal Communication: Introduction And Importance

Lecture 38: Non-Verbal Communication: Issues And Types

Lecture 39: Non-Verbal Communication: Basics And Universals

Lecture 40: Non-Verbal Communication: Interpreting Non-Verbal Cues

Lecture 41: Body Language: For Interviews

Lecture 42: Body Language: For Group Discussions

Week 8: Lecture 43: Presentation Skills: Overcoming Fear

Lecture 44: Presentation Skills: Becoming A Professional

Lecture 45: Presentation Skills: The Role Of Body Language

Lecture 46: Presentation Skills: Using Visuals

Lecture 47: Reading Skills: Effective Reading

Lecture 48: Human Relations: Developing Trust And Integrity

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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

LIST OF STUDENTS ENROLLED

s.no	Roll no	Name
1	17A31A05B4	Sundara Siva Sai Chakradhar
2	17A31A05A6	Lanka Sundar Prasanna Kumar
3	17A31A0548	Nagam Satya Venkat
4	17A31A0543	Jeshwanth Goud
5	17A31A0542	Satya Dev
6	16A31B0539	Venkata Sai Bala Bhaskar
7	17A31A0590	Shibrin
8	17A31A0571	Kola Jyothsna
9	17A31A0598	Akella Vikas

Coordinator

校



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LIST OF STUDENTS CLEARED

S.NO	Roll no	Name	course title	RESULT
1.	17A31A05A6	LANKA SUNDAR PRASANNA KUMAR	Developing Soft Skills and Personality	Elite
2.	17A31A0543	JESHWANTH GOUD	Developing Soft Skills and Personality	Elite
3.	17A31A0542	SATYA DEV	Developing Soft Skills and Personality	Elite+Silver
4.	17A31A0590	SHIBRIN	Developing Soft Skills and Personality	Elite
5.	17A31A0571	KOLA JYOTHSNA	Developing Soft Skills and Personality	Elite+Silver
6.	17A31A0598	AKELLA VIKAS	Developing Soft Skills and Personality	Elite+Silver

Coordinator

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

SAMPLE CERTIFICATES

This best librate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL19HS32562030015

TO LANKA SUNDAR PRASANNA KUMAR D-NO.9-296

INDIRA COLONY,

RAMANAYYAPETA

KAKINADA

EAST GODAVARI ANDHRA PRADESH

PH. NO :8639099159

Score	Type of Certificate	
>=90	Elte+Gold	
75-89	Eite+Silver	
>=60	Elte	
40-59	Successfully Completed	
<40	No Certificate	



No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deep



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

LANKA SUNDAR PRASANNA KUMAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 11.83/25 Proctored Exam 51.75/75

Prof. Rajesh M.Hegde

Total number of candidates certified in this course: 15357

Aug-Oct 2019

(8 week course)



Indian Institute of Technology Kanpur

To validate and check scores; https://inptel.ac.in/noc

Roll No: NPTEL19HS32S62030015

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Roll Mo: NFTEL 19453256203056

TO ARTILLA VINAS

D.NO GA 3 3/2, PRATRAP NINGRA
EXACTINADA
EXAST GODERINARI
ANTORRA PRADESIR
ESSENSA
PRI. NO 81185/42735



Score	Type of Confficate	
>=90	Elle-Gold	
75-69	Elite-Silver	
>+50	Elle	
45-59	Successfully Completes	
-45	No Certificate	

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to AKELLA VIKAS

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of 81

Online Assignments 21.33/25 Proctored Exam 60/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M Hegde tuinnan, Centre for Continuing Education ET Farour

Aug-Oct 2019 (8 week course) Satyatifor

Prof. Satyaki Roy NPTEL Constructor



Indian Institute of Technology Kanpur

Roll No: NPTEL19HS37S62030569

swayam

To validate and check scores, https://nptel.ac.m/nec



PRINCIPAL PRAGATI ENGINEERING COLLEGE

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



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20 Technical English For Engineers BROCHURE



TECHNICAL ENGLISH FOR ENGINEERS

PROF. AYSHA IQBAL
Department of Humanities & Social Sciences
IIT Madras

INTENDED AUDIENCE : Any Interested Learners

COURSE OUTLINE :

The course covers all the areas of grammar necessary for the undergraduate students of engineering sciences. This includes topics such as reading/writing/listening comprehension, note taking, summarizing, report writing, along with elements of grammar and vocabulary. The course is designed for self-study, where participants will be required to solve regular quizzes and assignments, and can also be used as an add-on to classroom teaching.

ABOUT INSTRUCTOR:

Prof. Aysha Iqbal Viswamohan is professor of film studies, drama and popular culture in the Department of Humanities and Social Sciences, IIT Madras. Among her several books are Behind the Scenes: Contemporary Bollywood Directors(ed.) Sage: New Delhi, 2017, Post-liberalization Indian Novels in English: Global Reception & Politics of Award London: ANTHEM, 2013. Her books on communication include English for Technical Communication, and English for Nurses and English for the Hotel Industry

COURSE PLAN:

Listening: Listening/Reading Comprehension

Dictation

Notemaking

Speaking: Using words in context

Use of formal expressions and usages

Formal presentations (organizing data and slide preparation)

Reading: Skimming through the text

Scanning

Writing: Grammar

Introduction to elements of academic writing

Report Writing Resume writing

Project Proposal writing





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Ph: 08852 – 252233, 34. Websiteswww.pragati.ac.in

LIST OF STUDENTS ENROLLED

.No	Roll No.	Name of the Student
1,	17A31A0537	Pavan Venkat Sai.Devada
2.	17A31B0532	Sakshi Rajeswari
3.	17A31B0516	Koduganti Venkata Krishna Kamala
4.	17A31B0525	Mohammad Afrin
5.	17A31B0536	Vemana Siri Chandana
6.	17A31B0526	Namala Devi Sireesha
7.	17A31B0501	Allada Lavanya
8.	17A31B0528	Nakka Preethi Sowmya
9.	17a31b0507	D.Mary Bharani
10.	17a31b0541	Chidambaram Venkatesh
11.	17A31A0517	K.V.V.Hemalatha
12.	17A31B0522	M.Sri Sahiti Chandana
13.	17A31B0510	Kajuluri V N D S Jahnavi
14.	17A31A05A3	Raviteja Dantuluri
15.	17A31A0562	Borra Ratna Sahithi
16. 17A31B0533		T. S. N. Sai Akhila
17.	17A31A05A9	Pendem Avinash
18.	17a31b0504	Venkata Satya
19.	17A31A0502	Bhavagnya Sai Navudu
20.	17a31b0527	N.Venkata Satya Sravya
21.	17A31B0515	Kinthada Venkata Sai Anuradha
22.	17A31B0538	Are Sumanth
23.	17a31b0523	M.Chandana
4.	17A31B0520	Kothapalli Mallika Sri
25.	17A31B0513	Venika Lakshmi Prada.Katta
6.	17A31A0512	Kanisetti Kanaka Naga Vijaya Lakshmi
7.	17A31A0561	B.Satya Naga Malleswari
8.	17A31A0581	Padala Vijaya Lakshmi



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29.	17A31A0591	Siddanthapu Deepika		
30.	17A31A05A1	B. Shanmukha Ayinash		
31.	17A31A0525	Puppala Sujitha Sharone Patricia		
32.	17a31b0559	Sravanth		
33.	17A31A0530	Padmini		
34.	18A35A0503	Latha Sowjanya Palacharla		
35.	17A31A0508	Gundarapu.Bhargavi Devi		
36.	17A31A0511	Kaliboyena Grace Vennela		
37.	17A31A0505	Sri Powshitha		
38.	17A31A0567	JessipriyankaGuddati		
39.	17A31A0516	Srilakshminiharikakurkuri	Ξ	
40.	17A31A0577	Kamala Kumari Nanduri		
41.	17A31A0566	Gorrela Lohitha		
42.	17A31A0524	Pulidindi Thushara		
43.	17A31A0522	Penke Akhila Sree		
44.	17A31A0529	AruhyaSrimanthula		
45.	17A31B0553	Vamsi Janakiram Peddimsetti		
46.	17A31A0503	Bikkina Sri Durga Lakshmi Ramya		
47.	17A31A0578	Nanduri Vimala Kumari		
48.	17A31A0563	Chillapalli Saraswathi		
49.	17A31A0521	Sravani Padala	Π	
50.	17A31B0502	Bandaru Subha Sri Lakshmi		
51.	17A31B0511	K.Madhuri Hepzibah	_	
52,	17A31A0589	Irfana Rani Shaik		
53.	17A31B0537	V.Venu Madhavi		
54.	17A31B0534	Tondapu Sruthi Reddy		
55.	17A31A0504	Jahnavi Devisetti	Π	
56.	17A31B0529	Nanduri Vinayamrutha	Ī	
57.	17A31B0531	Peddireddy Sowmya	Π	
58.	17A31B0535	Ummidi Chandana Devi		
59.	17A31B0517	Kona Jahnavi		
60.	17A31A0573	Maddukuri Lakshmi Surekha		
61	17A31A0580	Nulu Kalki Sowmya		

Coordinator

1



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

LIST OF STUDENTS CLEARED

S. No	Roll No.	Name of the Student	Course title	Result
1,	17A31A0537	PAVAN VENKAT SALDEVADA	Technical english for engineers	Elite
2.	17A31B0532	SAKSHI RAJESWARI	Technical english for engineers	Elite
3.	17A31B0516	KODUGANTI VENKATA KRISHNA KAMALA	Technical english for engineers	Elite
4.	17A31B0525	MOHAMMAD AFRIN	Technical english for engineers	Elite
5.	17A31B0536	VEMANA SIRI CHANDANA	Technical english for engineers	Elite
6.	17A31B0526	NAMALA DEVI SIREESHA	Technical english for engineers	Elite
7.	17A31B0501	ALLADA LAVANYA	Technical english for engineers	Elite
8.	17A31B0528	NAKKA PREETHI SOWMYA	Technical english for engineers	Elite
9.	17a31b0507	D.MARY BHARANI	Technical english for engineers	Elite
10.	17a31b0541	CHIDAMBARAM VENKATESH	Technical english for engineers	Elite
11.	17A31A0517	K.V.V.HEMALATHA	Technical english for engineers	Elite
12.	17A31B0522	M.SRI SAHITI CHANDANA	Technical english for engineers	Elite
13.	17A31B0510	KAJULURI V N D S JAHNAVI	Technical english for engineers	Elite
14.	17A31A05A3	RAVITEJA DANTULURI	Technical english for engineers	Elite
15.	17A31A0562	BORRA RATNA SAHITHI	Technical english for engineers	Elite
16.	17A31B0533	T. S. N. SAI AKHILA	Technical english for engineers	Elite
17.	17A31A05A9	PENDEM AVINASH	Technical english for engineers	Elite
18.	17a31b0504	VENKATA SATYA	Technical english for engineers	Elite
19.	17A31A0502	ΒΗΑΥΑΘΝΎΑ SAI ΝΑΥΌΡΟ	Technical english for engineers	Elite
20.	17a31b0527	N.VENKATA SATPAINCAPAKA	Technical english for engineers	Blite
21.	17A31B0515	KINDHAGAYFENGIMEERING CO	LEGiffeat english	Elite

1-378, ADB ROAD, SURAMPALEM

22.	17A31B0513	VENIKA LAKSHMI PRADA KATTA	Technical english for engineers	Elite
- 11		KANISETTI KANAKA NAGA	Technical english	Elite
23.	17A31A0512	VIJAYA LAKSHMI	for engineers	1.00
		1 Micros Carlesonani	Technical english	Elite
24.	17A31A0561	B.SATYA NAGA MALLESWARI	for engineers	
4.5		PERMITA STATE OF THE PERMIT	Technical english	Elite
25,	17A31A0581	PADALA VIJAYA LAKSHMI	for engineers	100
40		THOREM YOUTH EARSTON	Technical english	Elite
26.	17A31A0591	SIDDANTHAPU DEEPIKA	for engineers	1000
- Li		GIDDANTINA O DELL'INA	Technical english	Elite
27.	17A31A05A1	B. SHANMUKHA AVINASH	for engineers	
		PUPPALA SUJITHA SHARONE	Technical english	Elite
28.	17A31A0525	PATRICIA	for engineers	
	-	TATRICIS	Technical english	Elite
29.	17a31b0559	SRAVANTH	for engineers	- Pint
-	1745100557	JIM THUIL	Technical english	Elite
30.	17A31A0530	PADMINI	for engineers	Line
-	Tenstrosso	LATHA SOWJANYA	Technical english	Elite
31.	18A35A0503	PALACHARLA	for engineers	Diffe
	10/13/10/03	TALACHAKLA	Technical english	Elite
32.	17A31A0508	GUNDARAPU.BHARGAVI DEVI	for engineers	Line
-	17/1/1/1/10308	GONDARAT O.BITARGA VI DEVI	Technical english	Elite
33.	17A31A0511	KALIBOYENA GRACE VENNELA	for engineers	Line
-	1783180311	KALIBOTENA GRACE YENNELA	Technical english	Elite
34.	17A31A0505	SRI POWSHITHA	for engineers	Line
_	17A31A0303	SKI FOWSHITHA	Technical english	Elite
35.	1747140567	IECCIDRIVANIVA CUIDDATI	for engineers	Line
	17A31A0567	JESSIPRIYANKA GUDDATI	Technical english	Elite
36.	1743140516	CON AVCIDADINA DIVAVIDVIDI	for engineers	Eine
	17A31A0516	SRILAKSHMINIHARIKAKURKURI		Elite
37.	1747140577	KAMALA KIDAADINANDUDI	Technical english for engineers	Ellie
	17A31A0577	KAMALA KUMARI NANDURI		Elite
38.	1212110566	CORDEL A LOUVEULA	Technical english	Eine
-	17A31A0566	GORRELA LOHITHA	for engineers	Pla.
39.	intertoest	DATE AND INC. THE COLUMN I	Technical english	Elite
771	17A31A0524	PULIDINDI THUSHARA	for engineers	Pith-
40.		DENNIE LIVING LODGE	Technical english	Elite
17.	17A31A0522	PENKE AKHILA SREE	for engineers	Pita
41.	Oster Tracks	A DESCRIPTION OF THE PARTY OF T	Technical english	Elite
	17A31A0529	ARUHYA SRIMANTHULA	for engineers	rets.
42.	Day and Application of	VAMSI JANAKIRAM	Technical english	Elite
94.	17A31B0553	PEDDIMSETTI	for engineers	
43.		BIKKINA SRI DURGA LAKSHMI	Technical english	Elite
43.	17A31A0503	RAMYA	for engineers	
	110000000000000000000000000000000000000	I the second of the second	Technical english	Elite
44.	17A31A0578	NANDURI VIMALA KUMARI	for engineers	
		Security of the Control of the Contr	Technical english	Elite
45.	17A31A0563	CHILLAPALLI SARASWATHI	for engineers	
			Technical english	Elite
46.	17A31A0521	SRAVANI PADALA	for engineers	
Va.			Technical english	Elite
47.	17A31B0502	BANDARU SUBHA SRI LAKSHMI	for engineers	
	C. C. D. L. C. O. D. C.	THE STATE OF THE S	Technical english	Elite+Silver
18.		K.MADHURI HEPZIBAJI	To call the Prince	



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22.	17A31B0513	VENIKA LAKSHMI PRADA KATTA	Technical english for engineers	Elite
23.	17A31A0512	KANISETTI KANAKA NAGA VIJAYA LAKSIMI	Technical english for engineers	Elite
24,	17A31A0561	B.SATYA NAGA MALLESWARI	Technical english for engineers	Elite
25.	17A31A0581	PADALA VIJAYA LAKSHMI	Technical english for engineers	Elite
26.	17A31A0591	SIDDANTHAPU DEEPIKA	Technical english for engineers	Elite
27.	17A31A05A1	B. SHANMUKHA AVINASH	Technical english for engineers	Elite
28,	17A31A0525	PUPPALA SUJITHA SHARONE PATRICIA	Technical english for engineers	Elite
29.	17a31b0559	SRAVANTII	Technical english for engineers	Elite
30.	17A31A0530	PADMINI	Technical english for engineers	Elite
31.	18A35A0503	LATHA SOWJANYA PALACHARLA	Technical english for engineers	Elite
32.	17A31A0508	GUNDARAPU.BHARGAVI DEVI	Technical english for engineers	Elite
33.	17A31A0511	KALIBOYENA GRACE VENNELA	Technical english for engineers	Elite
34,	17A31A0505	SRI POWSHITHA	Technical english for engineers	Elite
35.	17A31A0567	JESSIPRIYANKA GUDDATI	Technical english for engineers	Elite
36.	17A31A0516	SRILAKSHMINIHARIKAKURKURI	Technical english for engineers	Elite
37.	17A31A0577	KAMALA KUMARI NANDURI	Technical english for engineers	Elite
38.	17A31A0566	GORRELA LOHITHA	Technical english for engineers	Elite
39.	17A31A0524	PULIDINDI THUSHARA	Technical english for engineers	Elite
40.	17A31A0522	PENKE AKHILA SREE	Technical english for engineers	Elite
41.	17A31A0529	ARUHYA SRIMANTHULA	Technical english for engineers	Elite
42.	17A31B0553	VAMSI JANAKIRAM PEDDIMSETTI	Technical english for engineers	Elite
43.	17A31A0503	BIKKINA SRI DURGA LAKSHMI RAMYA	Technical english for engineers	Elite
44.	17A31A0578	NANDURI VIMALA KUMARI	Technical english for engineers	Elite
45.	17A31A0563	CHILLAPALLI SARASWATHI	Technical english for engineers	Elite
16.	17A31A0521	SRAVANI PADALA	Technical english for engineers	Elite
17.	17A31B0502	BANDARU SUBHA SRI LAKSHMI	Technical english for engineers	Elite
18.	17A31A0589	IRFANA RANI SHAIK	Technical english for engineers	Elite+Silver

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49.	17A31B0537	V.VENU MADHAVI	Technical english for engineers	Elite+Silver
50.	17A31B0534	TONDAPU SRUTHI REDDY	Technical english for engineers	Elite+Silver
51.	17A31A0504	JAHNAVI DEVISETTI	Technical english for engineers	Elite+Silver
52.	17A31B0529	NANDURI VINAYAMRUTHA	Technical english for engineers	Elite+Silver
53.	17A31B0531	PEDDIREDDY SOWMYA	Technical english for engineers	Elite+Silver
54.	17A31B0535	UMMIDI CHANDANA DEVI	Technical english for engineers	Elite+Silver
55.	17A31B0517	KONA JAHNAVI	Technical english for engineers	Elite+Silver
56.	17A31A0573	MADDUKURI LAKSHMI SUREKHA	Technical english for engineers	Elite+Silver
	17.11.10555	NAME AND A STATE OF THE STATE O	Technical english for engineers	Elite+Silver
61	17A31A0580	NULU KALKI SOWMYA		

goordinator

*

SAMPLE CERTIFICATES

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

Roll No: NPTEL19H531521900194

TO PAVAN VENKAT SALDEVADA 7-11, CHAITANYA NAGAR, VEMULAPUDI NARSIPATNAM VISHAKHAPATNAM ANDHRA PRADESH 531117

PH. NO :7093486332



Score	Type of Certificate
>=90	Elte-Gold
75-89	Elte-Silver
>=60	Elita
40-59	Successfully Complete
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PAVAN VENKAT SAI.DEVADA

for successfully completing the course

Technical English for Engineers

with a consolidated score of

Online Assignments 22.50/25 Proctored Exam 43.5/75

Devento gelital

Total number of candidates certified in this course: 2734

Prof. Devendra Jalihal Chairman Centre for Continuing Education, FTM

Jul-Sep 2019 (8 week course) Prof. Andrew Thangarai

METEL Con



Indian Institute of Technology Madras

swavam

Roll No: NPTEL19HS31521900194

To validate and check scores: https://notel.ac.in.noc

#

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

Roll No: NPTEL19H531512000075

TO S. PLEPHIA DOOR NO SA 1.1 JULAS CHIMICALIANTE, MUNIST умстум, размильянным узущего. VIVIOUS. LAST SOCIALIS MINNEY PERCHEM STWIN

THE HIS GULLWARTZ



Ecore	Type of Certificate	
2-50	Elite+Gold	
75-69	Elfo+Silver	
	Ote	
40-69	Successfully Completed	
-40	No Certificate	

No. of credits recommended by NPTEL2



NPTEL Online Certification



This certificate is awarded to

G. ALEKHYA

for successfully completing the course

Technical English for Engineers

with a consolidated score of

Online Assignments 17.50/25 Proctored Exam 40.13/75

Bunestino Jesist

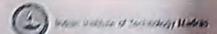
Fred English Liebel

Coins to Continue, the deer \$14

JUL-540 2019 IR week course)

Total number of candidates certified in this course; 2734

Prof. Andrew Thangaraj NPIEL Coordinate



swavam

6421F1 -19463451912/2/15

To varidate and check acores: https://inptel.ac.in/noc

the

Ethical Hacking

By Prot, tray and Sen Outlin | It's Sharegout

Learners enrolled: 46670



Exhibit functing is a multiput that has become very important in present day context, and can help included as and organizations to adopt tale practices and usage of their IT infrastructure. Standing from the basic topics like networking, network receiffy and cryptography the course will cover various attacks and vulnerabilities and were to secure them. There will be hands on tierhorstrations that will be helpful to the participants. The performants are encouraged to try and replicate the dominionalism experiments that will be discussed as part of the course.

INTENDED AUDIENCE Computer Science and Engineering / Information Technology / Electronics and Commencetion / Electrical Engineering

PRE-REQUISITES: Basic concepts in programming and networking INDUSTRY SUPPORT: TCS, Wiere, CTS, Google, Microsoft, Owleaning

Summery

Completed Completed

Course Type:

12 works

Start bates 29-34-2019

18 Oct 2019

16 May 7019 IST Exam Date:

Computer Science and Engineering

Crede Postis 1 3

Level

Undergraduate

This is an AICTE approved FOP course





ETHICAL HACKING

PROF, INDRANIL SENGUPTA

Dept. of Computer Science and Engineering

IIT Kharagpur

INTENDED AUDIENCE 1. Computer Science and Engineering / Information Technology / Electronics and Communication Engineering / Electrical Engineering

; Basic concepts in programming and networking

INDUSTRIES APPLICABLE TO T. TCS, Wipro, CTS, Google, Microsoft, Qualcomm

COURSE OUTLINE

Ethical hacking is a subject that has become very important in present-day context, and can help individuals and diganizations to adopt safe practices and usage of their IT infrastructure. Starting from the basic topics like networking, network security and cryptography, the course will cover various attacks and vulnerabilities and ways to secure them. There will be hands on demonstrations that will be helpful to the participants. The participants are encouraged to try and replicate the demonstration experiments that will be discussed as part of the course.

ABOUT INSTRUCTOR

Frof. Indranil Sengupta has obtained his B. Teck., M.Tech. and Ph.D. degrees in Computer Science and Engineering from the University of Calcutts. He joined she Indian institute of Technology, (haragpur, as a faculty member in 1998, in the Department of Computer Science and Engineering, where he is presently a full Professor. He had been the former Heads of the Department of Computer Science and Engineering and also the School of Information Technology of the Institute, He has over 28 years of teaching and research science and Engineering and also the School of Information Technology of the Institute, He has guided 22 PhD students, and has more than 200 publications to his credit in international journals and conferences. His research interests include cryptography and network security, VLSI design and testing, and mobile computing.

He is a Senior Member of IEEE. He had been the General Cheirs of Asian Test Symposium (ATS-2005), international Conference on Cryptology in India (INDIOCRYFT-2008), international Symposium on VLSI Design and Test (VDAT-2012), international Symposium on Electronic System Design (ISED-2012), and the upcoming Conference on reversible Computation (RC-2017). He had delivered invited and tutorial talks in several conferences in the areas of VLSI design and testing, and network security.

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

Week 1: Introduction to exhical hacking. Fundamentals of computer networking. TCP/IP protocol stack.

Week 2: IP addressing and routing. TCP and UDP, IP subnets.

Week 3: Routing protocols, IP version 6.

Week 4: Installation of attacker and victim system. Information gathering using advanced google search, archive org. netcraft, whols.

host, dig. dosenum and NMAP tool.

Week 5: Vulnerability scanning using NMAP and Nessus. Creating a secure hacking environment. System Hacking: password cracking.

privilege escalation, application execution, Malware and Virus, ARP spoofing and MAC attack.

Week 6: Introduction to cryptography, private-key encryption, public-key encryption.

Week 7: Cryptographic hash functions, digital signature and certificate, applications.

Week 8: Steganography, biometric authentication, network-based attacks, DNS and Email security.

Week 9: Packet sniffing using wireshark and burpsuite, password attack using burp suite. Social engineering attacks and Denial of service attacks.

Week 10: Elements of hardware security: side-channel attacks, physical inclinable functions, hardware trojans.

Week 11: Different types of attacks using Metasploit framework; password cracking, privilege escalation, remote code execution,

etc.Attack on web servers; password attack, SQL injection, cross site scripting.

Week 12: Case studies: various attacks scenarios and their remedies.

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., A.P. - 533 437

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

LIST OF STUDENTS PARTICIPATED

S.No.	Roll No.	Name of the Student
1	17A31A1204	NIKHILA DARISIPUDI
2	17A31A1201	ALLU. JASWANTHI
3	17A31A1214	MANYAM MONIKA
4	17A31A1215	NAVYA SAI
5	17a31a1216	MEESALA HIMABINDU
6	17A31A1219	SRAVANI NAMA
7	17A31A1220	N TULASI PRIYANKA
8	17a31a1221	N. SAI PRASANTHI
9	17A31A1223	PALUKURI TEJASWI
10	17A31A1225	SRIJANI
- 11	17A31A1226	PEDDISETTI JAYASRI
12	17A31A1231	S.GEETHIKA SAI LAKSHMI
13	17A31A1234	TONDAPU SATYA SAI KRISHNA PRATHYUSHA
14	17A31A1235	T.B.N.L.KEERTHANA
15	17A31A1236	VARADHI.DEVA MANOJNA
16	17A31A1238	STUTHIMAHIMA.VUNDAVALLI
17	17A31A1252	RAJENDRANADH
18	17A31A1255	VADAPALLI SESHA CHANDRA SAI
19	17A31A1217	MOTUPALLI SUSMITHA BENARJII
20	17A31A1227	SHANMUKHI MOUNIKA P

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1228	PREKSHA JAIN	Ethical Hacking - Online	Elite
2	17A31A1223	PALUKURI TEJASWI	Ethical Hacking - Online	Elite
3	17A31A1201	ALLU JASWANTHI	Ethical Hacking - Online	Elite
4	17A31A1211	K PREMA SINDHU	Ethical Hacking - Online	Elite

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

To PALUKURI TEJASWI 7-3-7, PRAKASHAM STREET. KAKINADA **EAST GODAVARI** ANDHRA PRADESH 533003 PH. NO:9542108866



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PALUKURI TEJASWI

for successfully completing the course

Ethical Hacking

with a consolidated score of

Online Assignments 23.00/25 Proctored Exam 37/75



Total number of candidates certified in this course: 2097

GOSHAM

Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur

Jul-Oct 2019 (12 week course)

PRINCIPAL

Indian Institute of Technology Kharagpur

PRAGATI ENGINEERING COLLEGE

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

Roll No: NPTEL19CS68S32030306

To PREKSHA JAIN **27-4-11/1, TEMPLE STRET** KAKINADA EAST GODAVARI ANDHRA PRADESH 533001 PH. NO:9573889700



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved



IPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PREKSHA JAIN

for successfully completing the course

Ethical Hacking

with a consolidated score of

Online Assignments | 24.06/25 | Proctored Exam

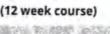
39.75/75

Total number of candidates certified in this course: 2097

A. GOSHAM

Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur

Jul-Oct 2019



Indian Institute of Technology Kharagpur



Developing Soft Skills and Personality
By Prof. T. Revichendron 1 IT Karpur

Learners enrolled: 50403



The course aims to clause a basic awareness about the significance of soft skills in professional and inferpersonal communications and facilitate an all-round development of personality. Hard on technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

Summary

Course Status: Completed

Course Type: - Elective

Duration:

8 weeks

Start Date :

26 Aug 2019

End Date:

18 Oct 2019

Die bon.

10 000 200

Exam Date:

17 Nov 2019 IST

Category:

Humanities and Social Sciences

Credit Points: 3

limit

(Indecoradisate

This is an AICTE seproved FDP course



INTENDED AUDIENCE: Students, Teachers, Professionals, Trainers, Leaders, Employers

PRE-REQUISITES IN

NOUSTRY SUPPORT —All industry/companies/organisations will recognize and value this tooline and recommend this for their employees and trainer programs.

Course layout

Week 1: Lecture 1: Introduction: A New Approach To Learning
Lecture 2: Planning And Soul-Setting
Lecture 2: Human Perceptions: Understanding People
Lecture 2: Human Perceptions: Understanding People
Lecture 5: Anning For Excellence: Developing Potential And Self-Actualisatio
Lecture 5: Anning For Excellence: Developing Potential And Self-Actualisatio
Lecture 6: Need Advisorational And Spiritual Intelligence

Week 2: Lecture 3: Conflict Resolution Stalls: Socking Wile-Wan Schulden
Lecture 8: Inter-Parsonal Conflicts: Two Exemples
Lecture 9: Types OF Conflicts: Sea Solutions
Lecture 10: Types OF Conflicts: Becaming A Conflict Resolution Experi
Lecture 11: Types OF Stalls: Self-Americans About Street
Lecture 12: Regulating Street: Making The Best Out Of Street

Week St. Lecture 13: Hebbts: Gulding Principles Englare 14: Hebbts: Identifying Good Anti Bad Hebbts (Lecture 15: Hebbts: Hebbt Cycle



Lecture 12 Unity The Zegumik Effect For Productivity And Personal Growth Lecture 18: Forming Habits Of Success

Week & Excluse 19: Communication: Significance Of Listening
Lecture 20: Communication: Active Listening
Lecture 21: Communication: Barriers To Archive Listening
Lecture 22: Triesphore: Communication: Barriers Telephone State
Lecture 24: Triesphore: Communication: Advanced Yellephone State
Lecture 24: Triesphore: Communication: Examinal Telephone State
Lecture 24: Triesphore: Communication: Communication Telephone State

Week & Lecture 25 Technology And Communication, Technological Personality Lecture 26: Technology And Communication, Mobile Personality? Lecture 27: Topic, Technology And Communication, E-M66 Principles Lecture 28: Technology And Communication; How for Tolend E-Made: Lecture 20: Technology And Communication, Neticuritie Lecture 20: Technology And Communication; E-Mail Edginess

Week & Lecture 21, Communication Skills: Effective Communication
Lecture 22 Starriers To Communication: Arising Out of Sender/Receive's Personality
Lecture 32 Barriers To Communication: Interpersonal Transactions
Lecture 33 Starriers To Communication: Macromounication
Lecture 33 Non-Verbal Communication: Pre-Thinking Assessment 2.

Week 7: Lecture 37: Nonverbal Communication Introduction And Importance Eacher 32: Non-Verbal Communication: Listers And Types Lecture 39: Non-Verbal Communication: Basics And Universalio Lecture 40: Non-Verbal Communication Interpreting Non-Verbal Curis

Lecture #1, Body Language: For Interviews Lecture #2, Body Language: For Group Discussions

Week it Lintum 42 Presentation Skills Overcoming Feet
Lecture 64: Presentation Skills Decoming A Professional
Encture 45: Presentation Skills The Role of Body Language
Lecture 45: Presentation Skills Library Visuals
Lecture 47: Reading Skills Effective Pending
Lecture 42: Harnan Relations Developing Trust And Integrity

Books and references

Dorch, Petricia, Allies Are Suff Skiller Hew York Elect Dress Publisher, 2013.

Hamin, Marzine. Soft Skiller Revolution: A Guide for Connecting with Complession for Trainers, Tearry, and Lenders: Washington, DC: Pfeitfer & Company, 2019.

Main, Progg., Julie Richman & Welfy Hamilton. The Hard Truth about Soft Skille London: Harpertollins E-books, 2007.

Petric 3, 2, Francis. Soft Skills and Professional Communication. New Defect Tata McGraw-Hill Education, 2011.

Stain, Severa J. & Holmand E. Book. The Ed Edgic Description and Your Soccess. Claudia: Wiley & Sons, 2005.





(Autonomous)

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

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

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

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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student	
1	17A31A1239	ADABALA MADHAVA SAI	
2	17A31A1240	ADAPA NAGA DURGA ADITYA	
3	17A31A1241	ANDRA PRASAD	
4	17A31A1242	BATHULA LOKESH SURYA VAMSI	
5	17A31A1248	1A1248 KOTHAPALLI PAVANKALYAN	
6	17A31A1249	KALAGARLA SUNILKUMAR	
7 17A31A1250 NELA SNEHITH			
8	17A31A1251	YELURI ROHIT KUMAR	
9	17A31A1254	SUNKARA SIVARAMAKRISHNA	
10	The state of the s		
11	17A31A1257	VUNDAVALLI VIVEK	

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1241	0.00012121212	Developing Soft Skills and Personality – Online	
2	17A31A1242	BATHULA LOKESH SURYA VAMSI	Developing Soft Skills and Personality - Online	
3	17a31a1250	SNEHITH NELA	Developing Soft Skills and Personality – Online	Elite
4	17A31A1256	VENNALA MOHANARAO	Developing Soft Skills and Personality – Online	Elite+Silver
5	17A31A1239	ADABALA MADHAVA SAI	Developing Soft Skills and Personality – Online	Elite
6	17A31A1251	ROHITH KUMAR Y	Developing Soft Skills and Personality – Online	Elite
7	17A31A1254	SUNKARA SIVARAMAKRISHNA	Developing Soft Skills and Personality – Online	Elite+Silver
8	17A31A1249	SUNIL KUMAR KALAGARLA	Developing Soft Skills and Personality - Online Elite+S	

To SUNKARA SIVARAMAKRISHNA PRAGATI ENGINEERING COLLEGE HOSTEL,, SURAMPALEM ADB ROAD, PEDDAPURAM MANDAL PEDDAPURAM EAST GODAVARI

ANDHRA PRADESH

533437

PH. NO:8309284750



Score	Type of Certificate	
>=90	Elite+Gold	
75-89	Elite+Silver	
>=60		
40-59	Successfully Completed	
<40	No Certificate	

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SUNKARA SIVARAMAKRISHNA

for successfully completing the course

Developing Soft Skills and Personality





with a consolidated score of

Online Assignments | 23.83/25 | Proctored Exam

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 (8 week course)

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

PRINCIPAL PRAGATI ENGINEERING CO

(AUTONOMOUS)

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

TO SUNIL KUMAR KALAGARLA PRAGATI ENGINEERING COLLEGE HOSTEL, SURAMPALEM, ADB ROAD PEDDAPURAM MANDAL, PEDDAPURAM EAST GODAVARI ANDHRA PRADESH

PH. NO:9581945278

533437



Score Type of Certificate Elite+Gold >=90 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SUNIL KUMAR KALAGARLA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of

Online Assignments 24.00/25 Proctored Exam 53.25/75

Total number of candidates certified in this course: 15357

Prof. Rajesh M.Hegde Chairman, Centre for Continuing Education IIT Kanpur

Aug-Oct 2019 (8 week course)

Prof. Satyaki Roy **NPTEL Coordinator** IIT Kanpur

Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE

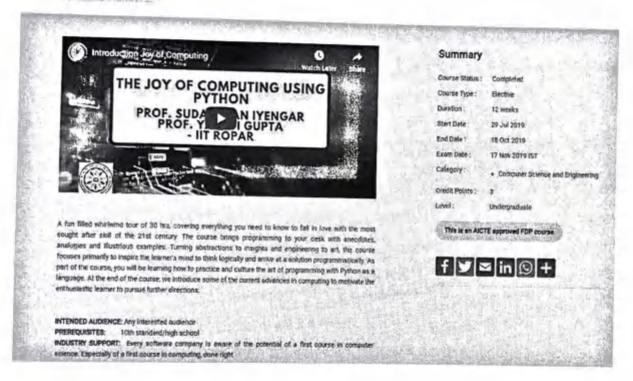
(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM DIMENTO

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

The Joy of Computing using Python

By Prof. Sudarshan tyengar | IIT Ropar

Learners enrolled: 57909



W



THE JOY OF COMPUTING USING AND PYTHON

PROF. SUDARSHAN IYENGAR Department of Computer Science and Engineering

INTENDED AUDIENCE: Any interested audience

PREREQUISITES : 10th standard high school
INDUSTRY SUPPORT : Every software company is aware of the potential of a first course in computer science. Especially of a first course in computing, done right.

COURSE OUTLINE :

A fun filled whirtwind four of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with enecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to Inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions.

ABOUT INSTRUCTOR:

Prof. Sudarshan lyenger, Associate Professor at the CSE at IIT Ropar has a Ph.D. from the Indian Institute of Science (IISc). An exemplary teacher who has delivered over 350 popular science talks to students of high school and advanced. graduate programmes. Prof. Sudarshan has offered more than 100 hours of online lectures with novel teaching. methodologies that have reached lakks of Students. His research interests include Data Sciences, Social Computing, Social Networks, Collective Intelligence, Crowdsourced Technologies and Secure Computation.

COURSE PLAN:

- Motivation for Computing
 Welcome to Programming!!
- Welcome to Programming!
 Variables and Expressions: Design your own calculate
 Loops and Conditionate: Hopscotch once again
 Lists, Tuples and Conditionates: Lets go on a trip
 Abstraction Everywhere: Apps in your phone.
 Counting Candles: Crowd to the rescue
 Birthday Parradox: Find your twin
 Coogle Translate: Speak in sny Language.
 Currency Converter: Count your foreign trip expenses
 Monte Hall: 3 doors and a twist
 Sorting: Arrange the books
 Searching: Find in seconds
 Substitution Cipher: What's the secret II.
 Sentiment Analysis: Analyse your Facebook data

- Sentiment Analysis: Analyse your Facebox 20 questions game: I can read your mind Permutations: Jumbled Words Spot the similarities: Dobble game

- Spot the similarities: Dobble game
 Count the words: Hundreds, Thousands or Millian Rock, Paper and Scissor: Cheating not allowed II
 Lie detector: No lies, only TRUTH
 Calculation of the Area: Don't measure.
 Six degrees of separation: Meet your favourites image Processing: Fun with images
 Tic tex for: Left play
 Snakes and Ladders: Down the memory lane.
 Recursion: Tower of Hanol.
 Rage Rarik: How Google Works II.

PRINCIPAL PRAGATI ENGINEERING COLLE 3E

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



(Autonomous)

ADB Road, Surampalem, E.G.Di., A.P. – 533 427

(Approved by AJCTE, Permanently Affiliated to INTUK, Kakinada, Accredited by NAAC with 'A' Grade)

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

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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student	
1	18A31A1201	AMCHURI CHAITRAJA	
2	18A31A1206	SOWMIKA.UJUROTULA	
3	18A31A1207	KAKINADA SANTHOSHI PAVANI	
4	18A31A1210	KOVVURIGOWTHAMIREDDY	
5	18A31A1213	LAKSHMI SUDHA PINISETTI	
6	18A31A1215	M.TEJASREE	
7	18A31A1216	MUGGULLA HEMA NAGA SAI DEEPIKA	
8	18A31A1218	MUTHYALA LAKSHMI VINUTHNA	
9	18A31A1219 NALLAMILLI GAYATHRI SOWJANYA		
10	10 18A31A1226 SATTI GEETHIKA		
-11			
12	18A31A1230	UNGARALA MADHU YAMINI	
13			
14	18A31A1240	A S V S NAGA SRI SAI	
15	18A31A1250	NARAYANAM HEMANTH KUAMAR	

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	18A31A1202	BALUSU LAKSHMI SOWJANYA	The Joy of Computing using Python – Online	Elite
2	18A31A1229	TETALI ANANTHA LAKSHMIPRIYA	The Joy of Computing using Python - Online	Elite
3	18A31A1240	A S V S NAGA SRI SAI	The Joy of Computing using Python – Online	Elite
4	18A31A1250	NARAYANAM HEMANTH KUAMAR	The Joy of Computing using Python - Online	Elite
5	18A31A1213	LAKSHMI SUDHA PINISETTI	The Joy of Computing	
6	18A31A1210	KOVVURIGOWTHAMIREDDY	The Joy of Computing using Python - Online	Elite
7	18A31A1226	SATTI GEETHIKA	The Joy of Computing using Python - Online	Elite+Silve
8	18A31A1228	SWARUPA MOHAPATRA	The Joy of Computing using Python - Online	Elite
9	18A31A1216	MUGGULLA HEMA NAGA SAI DEEPIKA	The Joy of Computing using Python - Online	Elite
10	18A31A1215	M TEJASREE	EE The Joy of Computing using Python – Online	
11	18A31A1230	UNGARALA MADHU YAMINI	The Joy of Computing using Python - Online	Elite



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

TO TETALI ANANTHA LAKSHMIPRIYA 8-174/A

TADI ADIYYA STREET **ANAPARTHI**

EAST GODAVARI ANDHRA PRADESH

533342

PH. NO 19381189717



Score Type of Certificate >=90 Elite+Gold 75-89 Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involv



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to



TETALI ANANTHA LAKSHMIPRIYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

Online Assignments | 22/25 Programming Exam 25/25 Proctored Exam 23/50

Total number of candidates certified in this course: 8505

Devendra gali hal

Prof. Devendra Jalihal

Chairman Centre for Continuing Education, III

Jul-Oct 2019 (12 week course)

Prof. Andrew Thangaraj **NPTEL Coordinator** IIT Madras



Indian Institute of Technology Madras

PRINCIPAL PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

TO BALUSU LAKSHMI SOWJANYA DOORNO:1-79, BALUSU STREET, PEDAPALLA PEDAPALLA EAST GODAVARI ANDHRA PRADESH 533232

PH. NO:9381544698

Type of Certificate Score Elite+Gold >=90 75-89 Elite+Silver >=60 Flite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to



BALUSU LAKSHMI SOWIANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of

Proctored Exam 22/50 Online Assignments 23.25/25 Programming Exam 25/25

Total number of candidates certified in this course: 8505

Devendra Jalihal

Prof. Devendra Jalihal

Chairman

Jul-Oct 2019 (12 week course)

Prof. Andrew Thangaraj **NPTEL Coordinator** IIT Madras

Centre for Continuing Education, ITM

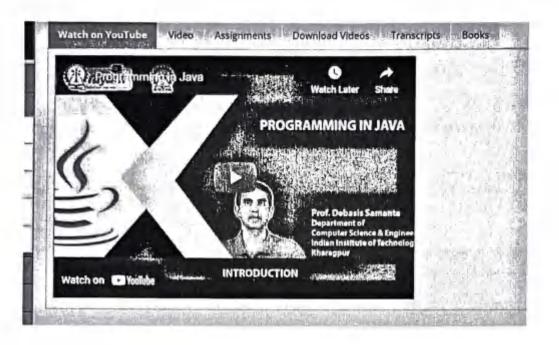
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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



Indian Institute of Technology Madras





PROF. DEBASIS BAMANTA

Computer Science and Engineering

PRE-REQUISITES: This course requires that the students are familiar with programming language such as C/C++ and data structures, appointing.

INTENDED AUDIENCE: The undergraduate students from the engineering disciplines namely CSE, IT,

EE, ECE, etc. might be interested for this course.

COURSE OUTLINE:

With the growth of information and Communication Technology, there is a need to develop large and complex software. Further, those software about the platform independent. Informat, enabled, easy to receiffy, secure, and robust. To meet this requirement object-oriented paradigm has been developed and based on this paradigm the Java programming language emerges as the best programming environment. Now. Java programming language is being used for mobile programming, internet programming, and many other applications dominatible to distributed systems. This course aims to cover the secential topics of Java programming so that the participants can improve their skills to cope with the current demand of IT industries and solve many problems in their own feld of studies.

ABOUT INSTRUCTOR

Prof. Debesia Semanta holds a Ph.D. In Computer Science and Engineering from Indian Institute of Technology Kharagour. His research Interests and work experience spens the steas of Computational Intelligence, Data Analytics, Human Computer Interaction, Brain Computing and Blometric Bystems. Prof. Samanta currently works as a faculty member, at the Department of Computer Science. Engineering at IIT Shieragour.

COURSE PLAN

Week 1: Overview of Object-Oriented Programming and Java

Week 2: Java Programming Clements

Week 31 Input-Output Handling in Java

Week 4: Encapsulation

Week 5: Inherhance

Week & Exemption Handling

Week 7: Multithreaded Programming

Week & Java Applets and Servicts

Wask 9: Java Swing and Abstract Windowing Toolkit (AWT)

Week 10: Networking with Jav

Week 11; Java Object Database Connectivity (ODBC)

Wast 12: Interface and Packages for Software Developmen





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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student Bandi Mahitha Reddy	
1	18A31A1203		
2	18A31A1225		
3	19A35A1201	Duvva Mounika	
4	18A31A1223	owthu Ramya	
5	18A31A1230	JNGARALA MADHU YAMINI	
6	18A31A1212	akamsani Pavani Lakshmi	
7	18A31A1209	orlapati SanjuSri	
8	18A31A1226	Satti Geethika	
9	18A31A1250		

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	18A31A1203	BandiMahitha Reddy	Programming in Java	Covid-19 impacted January 2020 semester
2	18A31A1225	MummaniSai Sri	Programming in Java	Covid-19 impacted January 2020 semester
3	19A35A1201	DuvvaMounika	Programming in Java	Covid-19 impacted January 2020 semester
4	18A31A1223	RowthuRamya	Programming in Java	Covid-19 impacted January 2020 semester
5	18A31A1230	UNGARALA MADHU YAMINI	Programming in Java	Covid-19 impacted January 2020 semester
6	18A31A1212	LakamsaniPavani Lakshmi	Programming in Java	Covid-19 impacted January 2020 semester
7	18A31A1209	KorlapatiSanjuSri	Programming in Java	Covid-19 impacted January 2020 semester
8	18A31A1226	SattiGeethika	Programming in Java	Covid-19 impacted January 2020 semester
9	18A31A1250	NarayanamHemanth Kumar	Programming in Java	Covid-19 impacted January 2020 semester



Roll No: NPTEL20CS08S1070965

BANDI MAHITHAREDDY A2, VASANTHA VIHAR, NEAR DMART, GUDARIGUNTA. KAKINADA **EAST GODAVARI** ANDHRA PRADESH - 533003 PH. NO:8374369646



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BANDI MAHITHAREDDY

for passing the course

Programming in Java

with Score' 97 %





A. GOSHAMU

Prof. Adrijit Goswami Deph. Continuing Education & NPTEL Coordinator IIT Kharagpur

Jan-Apr 2020 (12 week course)

PRINCIPAL

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



Indian Institute of Technology Kharagpur

*Continuous online assessment score lo validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL20CS08S1127540

MUMMANI SAI SRI 623, VENKANNA BABU TEMPLE STREET MURARI EAST GODAVARI ANDHRA PRADESH - 533297 PH. NO:6300944869



No. of credits recommended by NPTEL:3 An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

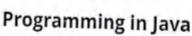
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

MUMMANI SAI SRI

for passing the course



with Score 96 %





A. GOSHAM

Jan-Apr 2020 (12 week course)

, Prof. Adrijit Goswami Dean, Continuing Education & NPTEL Coordinator IIT Kharagpur



PRAGATI ENGINEERING COLLEG

(AUTONOMOUS) # 1-378, ADB ROAD, SURAM



Indian Institute of Technology Kharagpur

Continuous online assessment score

To validate and check scores: https://nptel.ac.in/noc