A FOUR WEEK VALUE ADDED PROGRAM

ON

MATLAB & SIMULINK FOR ELECTRICAL ENGINEERS

(November 15th 2019 to March 14th 2020)

PRAGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

E-mail:

Place:

Date:

Signature of the applicant

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

9

ORGANISING COMMITTEE

Chief Patron
Dr. P. Krishna Rao
Chairman

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

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

Coordinator
Mrs. K. Sandhya Rani
Assistant Professor, EEE.

For any enquiry contact:
Mobile No:7995316794
E-mail: hodeee@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)

Learning is Supreme Duty

A FOUR-WEEK VALUE ADDED PROGRAM

ON

MATLAB & SIMULINK FOR ELECTRICAL ENGINEERS

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

Organized by
Department of EEE

PRINCIPAL
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 Surampalem, E. G. Dist, A.P. The Institution is accredited by NAAC with 'A' grade in the year 2015 and attained the Autonomous status in the year 2016. Pragati has been graded as gold in the AICTE Survey of Industries linked technical institutions-2016.

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

PRAGATI ENGINEERING COLLEGE focuses on imparting skills on cutting – edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as to enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. Since inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

About the Department

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

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

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

Resource Person

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

Program Objectives

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

Topics Covered

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

Program Outcomes

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

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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act 1956)
Ph: 0884-2[illegible]-[illegible]-14, Website: www.pragati.ac.in

Department of Electrical and Electronics Engineering

Date: 12/11/2019

CIRCULAR

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

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

HOD -EEE

PRAGATI ENGINEERING COLLEGE (A) EEE-HOD SURAMPALEM

Copy to:

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

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Recognized by UGC under sections 2(f) and 12(B) of UGC act, 1956
Ph: 0884-2771101, 2771103, Website: www.pragati.ac.in

Date: 12/11/2019

Week/Day-wise Schedule

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

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

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21	Saturday	15/02/2020	Setting breakpoints
22	Friday	21/02/2020	Running with breakpoints
23	Saturday	22/02/2020	Examining values
24	Saturday	29/02/2020	Correcting and ending debugging
25	Friday	06/03/2020	Ending debugging
26	Saturday	07/03/2020	Correcting an M-file
27	Friday	13/03/2020	Correcting an M-file
28	Saturday	14/03/2020	Conclusion

Program Coordinator

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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

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

S.No.	Roll No.	Student Name	Signature
		III YEAR - A SECTION	
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	S. Priyanka
6	17A31A0215	Sorapalli Naga Sri Hari Priya	S. Priya.
7	17A31A0216	Sula Sita Maha Lakshmi	S. Lakshmi
8	17A31A0217	Utukuri Mounika	U. Mounika.
9	17A31A0218	Vakkalanka Srisurya Venkata Phanisahitya	V. Phani sahitya
10	17A31A0219	Vanaparthi Pratyusha	V. Pratyusha
11	17A31A0220	Vennapu Satyavathi	V. Satyavathi
12	17A31A0225	Cheekatla Sai Manikumar	C. Manikumar
13	17A31A0226	Cheerla Sai Sandeep	C. Sandep
14	17A31A0227	Chundru Venkata Srinivas	C. Srinivas
15	17A31A0234	Kanthamreddy Uma Sai	K. Uma Sai
16	17A31A0235	Konala Raja	K. Raja
17	17A31A0236	Lakkavarapu Lokabhiram	L. Lokabhiram
18	18A35A0204	Bonthu Pradeep Kumar	B. Pradeep
19	18A35A0205	Chitikela Venkata Durga Krishna Vamsi	C. Vamsi
20	18A35A0207	Kasi Rama Krishna	K. Krishna
21	18A35A0208	Komarada Sai Manikanta	K. Manikanta
		III YEAR - B SECTION	
22	17A31A0262	Garapati Lakshmi Samyuktha	G. Samyuktha
23	17A31A0263	Kandavalli Rishitha	K. Rishitha
24	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	M. Pratyusha
25	17A31A0265	Mudududdi Yamini Satya Sri	M. Yamini
26	17A31A0266	Nelapudi Mounika Sri	N. Mounika
27	17A31A0271	Rampa Shalini	R. Shalini
28	17A31A0272	Shaik Khamur Unnisa	S. Unnisa
29	17A31A0273	Susarla Padma Manaswini	S. Manaswini

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

Add on course Coordinator

HOD-EEE

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PRAGATI ENGINEERING COLLEGE (A) :: SURAMPALEM

ACADEMIC YEAR : 2019-2020 / II SEMESTER

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD ON COURSE ON MATLAB and Simulink For Electrical Engineers

III YEAR - A & B SECTION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
S.No.	Roll No.	Student Name																												
1	17A31A0204	Kakarapudi Snigdha	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	a	P	P
2	17A31A0205	Kanipudi Sirisha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	17A31A0206	Kukkala Ramya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	17A31A0213	Poddutoori V L Sai Sruthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	17A31A0214	Sathi Keerthi Priyanka	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	17A31A0215	Sorapalli Naga Sri Hari Priya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P
7	17A31A0216	Sula Sita Maha Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0217	Urukuri Mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	17A31A0218	Vakkalanka Srisurya Venkata Phanisahitya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A0219	Vanaparthi Pratyusha	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	P	P	P
11	17A31A0220	Vennapu Satyavathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A0225	Cheekatla Sai Manikumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0226	Cheerla Sai Sandeep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P
14	17A31A0227	Chundru Venkata Srinivas	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0234	Kanthamreddy Uma Sai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	17A31A0235	Konala Raja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P
17	17A31A0236	Lakkavarapu Lokabhiram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	18A35A0204	Bomini Pradeep Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18A35A0205	Chitikela Venkata Durga Krishna Vamsi	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	P	P
20	18A35A0207	Kasi Rama Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	18A35A0208	Komarada Sai Manikanta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	17A31A0262	Ganagoti Lakshmi Samyuktha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	a	P	P	P	P	P
23	17A31A0263	Kandavelli Rishitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	17A31A0264	Medisetty Venkata Sai Sri Pratyusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	17A31A0265	Mirdudaddi Yamini Naga Sri	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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

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Ph: 08852 – 252231, 34 Website: www.pragati.ac.in

Feedback form

Date: 14/3/2020

Department : Electrical & Electronics Engineering

Academic Year : 2019-20

Name of the Speaker : Dr. G. 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 : 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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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 : 5
2. Method of Delivery : 5
3. Related to Subject : 4
4. Is the Topic useful for career : Yes/No ✓
5. Suggestions if any : Good Program

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(Recognized by UGC under Sections 2(f) and 12(B) of UGC act 1956)
Ph: 0884-2774114, Website: www.pragati.ac.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 : 45

Program Coordinator

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

A Four Week Value added Program on

MATLAB and Simulink for Electrical Engineers

- Certificate of Participation -

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

Coordinator

HoD - EEE

Principal

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

A Four Week Value added Program on

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- Certificate of Participation -

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Coordinator

HoD - EEE

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A FOUR-WEEK VALUE ADDED PROGRAM

ON

INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

(June 21st to October 5th 2019)

PRAGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

E-mail:

Place:

Date:

Signature of the applicant

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

ORGANISING COMMITTEE

Chief Patron
Dr. P. Krishna Rao
Chairman

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

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

Coordinator
Mrs. K. Sandhya Rani
Assistant Professor, EEE.

For any enquiry contact:
Mobile No:7995316794
E-mail: hodeee@pragati.ac.in

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"Learning is Supreme Deity"

A FOUR-WEEK VALUE ADDED PROGRAM

ON

INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

(June 21st to October 5th 2019)

Organized by
Department of EEE

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PRAGATI ENGINEERING COLLEGE
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1-378, ADB ROAD, SURAMPALEM

About the College

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

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

PRAGATI ENGINEERING COLLEGE focuses on imparting skills on cutting – edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as to enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. Since inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

About the Department

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

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

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

Dr. H. Sathish Kumar
Professor, EEE
Pragati Engineering College

Program Objectives

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

Topics Covered

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

Program Outcomes

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

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Ph: 08884-[illegible], Website: www.pragati.ac.in

Department of Electrical and Electronics Engineering

Date: 17/06/2019

CIRCULAR

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

Venue: Room No: G-9, Main block

HOD -EEE

PRAGATI ENGINEERING COLLEGE (A) EEE-HOD SURAMPALEM

Copy to:

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

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Date: 17/06/2019

Week/Day-wise Schedule

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

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

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

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Program Coordinator

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE

ADD ON COURSE Introduction to MATLAB for Engineering Students

ACADEMIC YEAR : 2019-2020 / I SEMESTER

Dr.R.SathishKumar

III YEAR - A SECTION

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

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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

Add on course Coordinator

HOD EEE

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ACADEMIC YEAR : 2019-2020 / I SEMESTER

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD ON COURSE Introduction to MATLAB for Engineering Students

III YEAR - A & B SECTION			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
S.No.	Hall No.	Student Name	5/12	20/12	26/12	27/12	3/12	4/12	10/12	11/12	17/12	26/12	27/12	2/1	3/1	9/1	16/1	25/1	31/1	2/2	6/9	7/9	13/9	14/9	20/9	21/9	27/9	28/9	4/10	10/9
1	17A31A0201	Boddeti Priyanka	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A0202	Immandi Sindhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	17A31A0203	Jyothula Rama Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P	P
4	17A31A0207	Magapu Vidya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	17A31A0208	Mailreddy Vijaya Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	17A31A0210	Moparthi Sruti	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0211	Munya Sai Srikar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0212	Nallamilli Sushmareddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	17A31A0224	Burra Surya Sai Raja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
10	17A31A0233	K Kanishka Chowdary	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	17A31A0238	Mailireddy Sai Surya Sankar Sandeep	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A0239	Manukonda Govardhan Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
13	17A31A0246	Sanipilli Sai Setish	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A0251	Tummalapalli Kiran Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0252	Vadakattu Sai Nandan Vamshith	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	17A31A0258	Yediddi Srinivas Manohar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	18A35A0201	Chekuri Dharani Chowdary	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	P	P
18	18A35A0202	Gandharapu Vishali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	18A35A0210	Kurapati Sai Karthik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	18A35A0212	Pinapothu Sri Rama Sai Harivesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
21	17A31A0259	Baliireddy Kalyani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	17A31A0260	Bellina Vaishnavi Devi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	17A31A0261	Bodepati Laksimi Tanmai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	17A31A0267	Paruchuri Yoga Bhavishya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	17A31A0268	Pasupuleti Venkata Sai Nikitha	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	P	A	P

9

III YEAR - A & B SECTION

S.No.	Roll No.	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
26	17A31A0269	Perla Amulya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P
27	17A31A0270	Peta Sai Venkata Lakshmi Suneetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	17A31A0278	Ayithireddy Bilva Naga Veera Vara Prasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	17A31A0279	Boddu Pavan Teja	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	17A31A0288	Karri Anil Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	17A31A0289	Kommu Sriram Datta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P
32	17A31A0294	Kutha Vishal Reddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	17A31A0295	Lagudu Mani Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P
34	17A31A02A5	Pedduturi Raghavendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P
35	17A31A02B0	Sesetti Mehar Aditya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	17A31A02B8	Vikash Choudhary	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	18A35A0214	Maganti Padma Sai Bhavani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	P	P
38	18A35A0215	Tatipudi Naga Sai Amrutha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	18A35A0217	Vuyyurie Chiranjeevi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	18A35A0225	Sarakanam Trinadh	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P	P	P	P	P	P	a	P	P	P	P	P	a

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PRAGATI ENGINEERING COLLEGE

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

Feedback form

Date: 5/10/2019

Department : EEE

Academic Year : 2019 - 20

Name of the Speaker : R. Sathish kumar

Title of the Program : Introduction to MATLAB. for Engineering. student

Duration : 21/06/2019 to 5/10/2019

Please evaluate on a scale of 5 ;

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

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

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Learning is Supreme Deity

Feedback form

Date: 5/10/2019

Department : EEE

Academic Year : 2019-20

Name of the Speaker : R. Satish kumar

Title of the Program : Introduction to MATLAB for Engineering student

Duration : 21/6/2019 to 5/10/2019

Please evaluate on a scale of 5 ;

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

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

9

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Ph: 08[illegible] (0) Website: www.pragati.ac.in

Date: 08/10/2019

PROGRAM REPORT

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

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

Resource Person : Dr. R. Sathish Kumar
Professor, EEE, Pragati Engineering College
E-Mail ID: sathish.r@pragati.ac.in,

Program Objective :

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

Topics Covered : The following topics are covered

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

Program Outcome :

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

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

No of the Participants : 40

Program Coordinator

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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

Mrs. K. Sandhya Rani
Coordinator

Dr. K. Satyanarayana
HoD - EEE

Dr. S. Sharada Prasad
Principal

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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. Immandi Sindhu has participated in a Four Week Value added Program on "Introduction to MATLAB for Engineering Students" organized by Department of Electrical and Electronics Engineering from 21/06/2019 to 05/10/2019

Mrs. K. Sandhya Rani	Dr. K. Satyanarayana	Dr. N. Shambu Prasad
Coordinator	HoD - EEE	Principal

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Ph: 08852-[illegible]-4, Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date 9-7-2019

CIRCULAR

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

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 16-7-2019

HOD – ME

Copy to

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

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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)

Co-ordinator

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

Outcome of the course

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

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

Co-ordinator

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[illegible] under Sections [illegible] and 12(B) of UGC act 1956.

[illegible] 252233 34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	H.T. NO	NAME	SIGNATURE
1	16A31A0311	Anil Bokka	Anil
2	16A31A0320	Sitaramreddy Ivvala	I. Sitaramreddy
3	16A31A0322	Kamesh Juvvala	Kamesh
4	16A31A0325	Vamsikrishnareddy Karri	K. Vamsi
5	16A31A0333	Rahmravikiran Kudupudi	K. Ravikiran
6	16A31A0337	Nikhil Lummala	Nikhil
7	16A31A0349	Mukeshkumar Vallu	V. Mukesh Kumar
8	16A31A0352	Gowrav venkatesh Vasamsetty	Gowrav
9	16A31A0353	Eswar sai kumar Vegi	V. Eswar
10	17A35A0303	Vinod Bora	Vinod
11	16A31A0361	Sai vamsi Adatrao	Sai Vamsi
12	16A31A0364	Ashish Kumar	Ashish
13	16A31A0373	Yaswanth krishnan yadav Gundumenu	Yaswanth Krishnan G.
14	16A31A0375	Krishnam raju Kallepalli	Ram.
15	16A31A0386	M saipavan Medisetti	M. Sai Pavan
16	16A31A0390	Rohit Nagabathula	Rohit
17	16A31A0392	Satish kumar Narala	N. Satish
18	16A31A0394	Rakesh navyanth Patchipalla	P. Rakesh
19	16A31A0395	Teja satya sai Padam	Satyasai
20	16A31A0398	Pavan kumar Paramsetti	P. Pavan Kumar
21	16A31A03A5	Manikya swamy naidu Sana	S. M. Swamy
22	16A31A03B0	Kameswara rao Talluri	Kameswar
23	16A31A03B3	Sri krishna Vadlamudi	V. Sri
24	16A31A03B4	Rama rao Yalla	Y. Rama Rao
25	17A35A0322	Jagadeesh Karri	K. Jagadish
26	17A35A0323	Raju Kella	K. Raju
27	16A31A03C2	Bala krishna Chakka	Chakka Bala Krishna
28	16A31A03C7	Damodar Dasi	D. Damodar
29	16A31A03D3	Amarnadh Garaga	Amarnadh
30	16A31A03F4	Kushal sai akhil Mamidisetty	Akhil
31	16A31A03F6	Sai teja Muthika	M. Sai teja
32	16A31A03F9	Venkatesh Nallamilli	N. Venkatesh
33	16A31A03G1	Yaswanth Palanki	Yaswanth
34	16A31A03G7	Rahul shanker Todupunoori	T. Rahul Shankar
35	16A31A03H1	Vikash Vundru	V. Vikash
36	16A31A03H2	Sashank kumar raju Vysyaraju	Sashank
37	16A31A03H4	Surya venkata gangadhar Adapa	A. Surya
38	16A31A03H6	Sarath venkat sai Amsetty	A. Sarath
39	16A31A03H9	Sudheer Boddu	Sudheer
40	16A31A03J2	John davidson Bonku	[illegible]
41	16A31A03J4	Jai sandeep kumar Devulapalli	D. J. Sandeep
42	16A31A03J7	Ramesh Karri	[illegible]

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

Co-ordinator

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[illegible]

STUDENTS ATTENDED

S NO	ROLL NO	16/7	17/7	18/7	22/7	23/7
1	16A31A0311	P	A	A	P	P
2	16A31A0320	P	A	P	A	P
3	16A31A0322	A	P	P	P	P
4	16A31A0328	P	P	P	P	P
5	16A31A0333	P	P	A	P	P
6	16A31A0337	P	A	P	P	P
7	16A31A0349	A	P	P	P	P
8	16A31A0352	A	P	P	P	P
9	16A31A0353	P	P	P	P	P
10	17A35A0303	P	A	P	P	P
11	16A31A0361	P	P	P	P	P
12	16A31A0364	P	A	P	P	P
13	16A31A0373	P	P	P	P	P
14	16A31A0375	A	P	P	P	P
15	16A31A0386	A	P	A	P	P
16	16A31A0390	P	A	P	P	P
17	16A31A0392	P	A	P	P	P
18	16A31A0394	P	A	P	P	P
19	16A31A0395	P	A	P	P	P
20	16A31A0398	P	A	P	P	P
21	16A31A03A5	P	A	P	P	P
22	16A31A03B0	P	A	A	P	P
23	16A31A03B3	P	A	A	P	P
24	16A31A03B4	A	A	P	P	P
25	17A35A0322	A	A	P	P	P
26	17A35A0323	A	A	P	P	P
27	16A31A03C2	P	A	P	P	P
28	16A31A03C7	P	P	P	P	P
29	16A31A03D3	P	A	P	P	P
30	16A31A03F4	P	P	P	P	P
31	16A31A03F6	P	A	P	P	P
32	16A31A03F9	P	P	P	P	P
33	16A31A03G1	P	A	P	A	P
34	16A31A03G7	P	P	P	P	P
35	16A31A03H1	P	P	P	A	P
36	16A31A03H2	A	P	P	P	P
37	16A31A03H4	P	P	P	P	P
38	16A31A03H6	P	P	P	A	P
39	16A31A03H9	P	A	P	P	P
40	16A31A03P[illegible]	P	P	P	P	P
41	16A31A03P[illegible]	A	P	P	P	P
42	16A31A03J7	A	P	P	P	P
43	16A31A03[illegible]	P	A	P	P	P

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44	16A31A0312	P	A	A	P	P			
45	16A31A0314	A	P	A	P	P			
46	16A31A0318	P	P	P	P	P			
47	16A31A03M3	P	P	P	P	P			
48	16A31A03M4	P	P	P	P	P			
49	16A31A03M6	P	P	P	A	P			
50	17A35A0346	P	A	P	P	P			
51	17A35A0347	P	P	P	A	P			
52	17A35A0348	P	A	P	P	P			
53	17A35A0349	P	P	P	P	A			
54	17A35A0350	P	A	P	P	P			
55	17A35A0351	P	P	P	A	P			
56	17A35A0356	P	A	P	P	P			
57	17A35A0359	P	P	P	A	P			

Co-ordinator

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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

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APSSDC CNC LAB - FEEDBACK

Date:23-7-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : BACHI

Title of Training Program : "CNC TURNING".

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

1 Usefulness of Topic: Good

2 Method of Delivery: Very good

3 Related to Subject: Average

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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This is to certify that ***Anil Chukka***

Bearing number ***APSSDC/Siemens/M/22280*** has successfully

completed ***CNC TURNING FOUNDATION*** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd APSSDC Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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

completed ***CNC TURNING FOUNDATION*** Course

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Pragati Engineering College

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Ph: [illegible] 252233, 34 Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date:16-9-2019

CIRCULAR

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

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 23-9-2019

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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-1

Introduction about CNC Technologies

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

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

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

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

Co-ordinator

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

Outcome of the course

After completing this course, a student will be able to

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

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STUDENTS ENROLLED

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

Co-ordinator

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Recognized by [illegible] Under Section [illegible] and 12 (B) of [illegible] act 1956

Ph: [illegible] 243243 Id: Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	23/9	24/9	25/9	30/9	1/10			
1	16A31A0306	P	P	P	P	P			
2	16A31A0310	P	P	P	P	P			
3	16A31A0323	P	P	P	P	P			
4	16A31A0325	P	A	P	P	P			
5	16A31A0357	P	P	P	P	P			
6	16A31A0383	P	P	P	P	P			
7	16A31A0388	P	P	P	P	P			
8	16A31A0391	P	P	A	P	P			
9	16A31A0396	P	P	P	P	P			
10	16A31A03A6	P	P	P	P	P			
11	16A31A03A7	P	P	P	P	P			
12	17A35A0319	P	P	P	A	P			
13	16A31A03C1	P	P	P	P	P			
14	16A31A03D0	P	P	P	P	P			
15	16A31A03D1	P	P	P	P	P			
16	16A31A03D3	A	P	P	P	P			
17	16A31A03E1	P	P	P	P	A			
18	16A31A03E4	P	P	P	P	P			
19	16A31A03E6	P	P	P	P	P			
20	16A31A03E8	A	P	P	P	P			
21	16A31A03F2	P	P	P	P	P			
22	16A31A03H6	P	P	P	P	P			
23	16A31A03H7	P	P	P	P	P			
24	16A31A03I0	P	P	P	P	P			
25	16A31A03I6	P	P	P	P	P			
26	16A31A03I8	P	P	P	P	P			
27	16A31A03J2	P	P	P	P	P			
28	16A31A03J3	P	P	P	P	P			
29	16A31A03K9	P	P	P	P	P			
30	17A35A0358	P	P	P	P	P			

Co-ordinator

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

Report On Foundation to CNC Workshop

Date: 2-10-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

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

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

APSSDC CNC LAB – FEEDBACK

Date:1-10-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : BACHI

Title of Training Program :"CNC TURNING FOUNDATION".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 4

3 Related to Subject: 4

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

5 Suggestions if any: —

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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

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This is to certify that ***Raju Chodipilli***

Bearing number ***APSSDC/Siemens/M/25216*** has successfully

completed ***CNC TURNING FOUNDATION*** Course

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Pragati Engineering College

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

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date: 19-7-2019

CIRCULAR

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

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 26-7-2019

HOD – ME

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

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

Comparison between conventional & CNC machine

Week-2

Introduction about Part Programming

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

Co-ordinator

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Outcome of the course

After completing this course, a student will be able to

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

Co-ordinator

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(Recognized by UGC under Sections 2(f) and 12(B) of UGC act 1956)
Ph: [illegible] Website: [illegible]

STUDENTS ENROLLED

S NO	ROLL NO	NAME	SIGNATURE
1	16A31A0311	Anil Chukka	Anil
2	16A31A0320	Sitaramireddy Jeeri	Sitaramareddy
3	16A31A0322	Kamesh Juvvala	J. Kamesh
4	16A31A0328	Vamsikrishnareddy K[illegible]	Vamsi
5	16A31A0333	Rohiniravikiran Kudupudi	K. Rohini
6	16A31A0337	Nikhil Tummala	Nikhil
7	16A31A0349	Mukeshkumar Vallu	Mukesh
8	16A31A0352	Gowrav venkatesh Vusamsetty	Gowrav
9	16A31A0353	Eswar sai kumar Vegi	Sai
10	17A35A0303	Vinod Bora	Vinod
11	16A31A0361	Sai vamsi Adatrao	Sai
12	16A31A0364	Ashish Kumar	Ashish Kumar
13	16A31A0373	Yaswanth krishnan yadav Gundumenu	Yadav.
14	16A31A0375	Krishnam raju Kallepalli	K - Krishnam Raju
15	16A31A0386	M.saipavan Medisetti	Sai Pa
16	16A31A0390	Rohit Nagabathula	Rohit
17	16A31A0392	Satish kumar Narala	Satish
18	16A31A0394	Rakesh navyanth Patchipalla	Rakesh
19	16A31A0395	Teja satya sai Padam	Teja
20	16A31A0398	Pavan kumar Paramsetti	Pavan
21	16A31A03A5	Manikya swamy naidu Sana	S - Manikyaswamy
22	16A31A03B0	Kameswara rao Talluri	Kameswara
23	16A31A03B3	Sri krishna Vadlamudi	Sri Kr
24	16A31A03B4	Rama rao Yalla	Jagadeen
25	17A35A0322	Jagadeesh Karri	Ramarao.
26	17A35A0323	Raju Kella	K. Raju
27	16A31A03C2	Bala krishna Chakka	Bala
28	16A31A03C7	Damodar Dasi	D. Damodar
29	16A31A03D3	Amarnadh Garaga	Amarnadh
30	16A31A03F4	Kushal sai akhil Mamidisetty	Akhil
31	16A31A03F6	Sai teja Muthika	Sai Teja
32	16A31A03F9	Venkatesh Nallamilli	N. Venkatesh
33	16A31A03G1	Yaswanth Palanki	Yaswanth
34	16A31A03G7	Rahul shanker Todupunoori	Rahul
35	16A31A03H1	Vikash Vundru	V. Vikash
36	16A31A03H2	Sashank kumar raju Vysyaraju	[illegible]
37	16A31A03H4	Surya venkata gangadhar Adapa	Gangadhar
38	16A31A03H6	Sarath venkat sai Anisetty	Sarath Venkat Sai
39	16A31A03H9	Sudheer Badda	[illegible]
40	16A31A03J2	John davidson Bonku	[illegible]
41	16A31A03J9	Jai sandeep kumar Davuluri	[illegible]
42	16A31A03J7	Lokesh Karri	[illegible]
43	16A31A03K8	Vamsi Munusu	[illegible]
44	[illegible]	[illegible]	[illegible]

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

Co-ordinator

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STUDENTS ATTANDED

S.NO	ROLL NO	26/7	29/7	30/7	1/8	2/8
1	16A31A0311	P	P	P	P	P
2	16A31A0320	P	P	P	P	P
3	16A31A0322	P	P	P	P	P
4	16A31A0328	P	P	P	P	P
5	16A31A0333	P	P	P	A	P
6	16A31A0337	P	P	P	P	P
7	16A31A0349	P	P	P	P	P
8	16A31A0352	P	P	P	P	P
9	16A31A0353	P	P	P	P	P
10	17A35A0303	P	A	P	P	P
11	16A31A0361	P	P	P	P	P
12	16A31A0364	P	P	P	P	P
13	16A31A0373	P	P	P	P	P
14	16A31A0375	P	P	P	P	P
15	16A31A0386	P	P	P	P	A
16	16A31A0390	P	P	P	P	P
17	16A31A0392	P	P	A	P	P
18	16A31A0394	P	P	P	P	P
19	16A31A0395	P	P	P	P	P
20	16A31A0398	P	P	P	P	P
21	16A31A03A5	P	P	P	P	P
22	16A31A03B0	P	P	P	P	P
23	16A31A03B3	P	P	P	P	P
24	16A31A03B4	P	P	P	P	P
25	17A35A0322	P	P	P	P	P
26	17A35A0323	A	P	P	P	P
27	16A31A03C2	P	P	P	P	P
28	16A31A03C7	P	P	P	P	P
29	16A31A03D3	P	P	P	P	P
30	16A31A03F4	P	P	P	P	P
31	16A31A03F6	P	P	P	P	P
32	16A31A03F9	P	P	P	P	P
33	16A31A03G1	P	P	P	P	P
34	16A31A03G7	P	P	P	P	P
35	16A31A03H1	P	P	P	P	P
36	16A31A03H2	P	P	P	P	P
37	16A31A03H4	P	P	P	P	P
38	16A31A03H6	P	P	P	P	P
39	16A31A03H9	P	P	P	P	P
40	16A31A03J2	P	P	P	P	P
41	16A31A03J9	P	P	P	P	P
42	16A31A03J7	P	P	P	P	P
43	16A31A03K8	P	P	P	P	P

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Ph: 08857-[illegible] Website: www.pragati.ac.in

44	16A31A0312	P	P	P	P	P			
45	16A31A0314	P	P	P	P	P			
46	16A31A0318	P	P	P	P	P			
47	16A31A03M3	A	P	P	P	A			
48	16A31A03M4	P	P	P	P	P			
49	16A31A03M6	P	P	A	P	P			
50	17A35A0346	P	A	P	P	P			
51	17A35A0347	P	P	P	A	P			
52	17A35A0348	P	P	P	P	P			
53	17A35A0349	P	P	P	P	P			
54	17A35A0350	P	P	P	P	P			
55	17A35A0351	P	P	P	P	P			
56	17A35A0356	P	P	P	P	P			
57	17A35A0359	P	P	P	P	P			

Co-ordinator

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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

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APSSDC CNC LAB – FEEDBACK

Date:3-8-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : BACHI

Title of Training Program :"CNC MILLING".

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: 4

2 Method of Delivery: 4

3 Related to Subject: 4

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

5 Suggestions if any: Good.

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This is to certify that ***Anil Chukka***

Bearing number ***APSSDC/Siemens/M/22280*** has successfully

completed ***CNC TURNING WORKSHOP*** Course

Conducted at

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

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completed ***CNC TURNING WORKSHOP*** Course

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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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Principal for information.

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

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-ordinator

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

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

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

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0310	Arava Vivek	Vivek
2	18A31A0330	Katipalli Sweet babu	K. Sweet Babu
3	18A31A0338	Nama Nagababu	N. Naga Babu
4	18A31A0343	Panda Sai srinivas ganesh	Ganesh
5	18A31A0345	Patnala Guna sagar	P. Guna Sagar
6	18A31A0347	Pilla Sandeep	P. Sandeep
7	18A31A0348	Pyla Ganesh	P. Ganesh
8	18A31A0359	Chikkala Vinayak	Ch. Vinayak
9	18A31A0360	Darbha Sandeep datta	Sandeep
10	18A31A0367	Kothapalli Dileep kumar	K. Dileep Kumar
11	18A31A0368	Kotikalapudi Vishnu kalyan	K. Vishnu
12	18A31A0372	Madala Sai srinivas	Srinivas
13	18A31A0379	Nagala Satish kumar	N. Satish
14	18A31A0380	Naidu Sathish	N. Satish
15	18A31A0386	Pithani Vara prasad	Vara Prasad
16	18A31A0388	Potnuri Sai krishna	P. Sai Krishna
17	18A31A03A4	Yella Lakshmi narendra	Y. Lakshmi narendra
18	19A35A0332	Gorapalli Devi naga manikanta	Manikanta
19	19A35A0335	Mendi Avinash	M. Avinash
20	19A35A0336	Muppinisetti Naga krishna	Naga krishna
21	19A35A0337	Nokku Venkat	N. Venkat
22	19A35A0338	Nooni Raghuram	Raghuram
23	19A35A0339	Rayudu Vinay kumar	R. Vinay
24	19A35A0340	Robbi Vinay	Vinay
25	19A35A0341	Rongala Leela satish kumar	R. L. Satish
26	19A35A0342	Sampathirao Satishkumar	Satish

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt. [illegible]

(Approved by AICTE [illegible] Affiliated to JNTUK, Kakinada, Accredited by NAAC with A Grade [illegible]

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

Ph: 08852- [illegible] Website: www.pragati.ac.in

STUDENTS ATTANDED

S NO	ROLL NO	25/2	26/2	27/2	2/3	3/3	
1	18A31A0310	P	A	P	P	P	
2	18A31A0330	P	P	P	A	P	
3	18A31A0338	A	P	P	P	P	
4	18A31A0343	P	P	A	P	P	
5	18A31A0345	A	P	P	A	P	
6	18A31A0347	P	A	A	P	P	
7	18A31A0348	A	P	P	P	P	
8	18A31A0359	A	P	A	P	P	
9	18A31A0360	P	P	P	A	P	
10	18A31A0367	P	P	P	P	A	
11	18A31A0368	P	P	A	P	P	
12	18A31A0372	P	A	P	P	P	
13	18A31A0379	P	P	P	A	P	
14	18A31A0380	A	P	P	P	P	
15	18A31A0386	P	A	P	P	A	
16	18A31A0388	P	P	P	P	P	
17	18A31A03A4	P	P	P	P	P	
18	19A35A0332	P	P	P	A	P	
19	19A35A0335	P	A	P	P	P	
20	19A35A0336	P	P	A	P	P	
21	19A35A0337	P	P	A	P	P	
22	19A35A0338	P	A	P	P	P	
23	19A35A0339	A	P	P	P	P	
24	19A35A0340	P	A	P	P	P	
25	19A35A0341	P	P	A	P	P	
26	19A35A0342	P	A	P	P	P	

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

A.P. 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

Report On Electrical(Commercial) Expert Workshop

Date: 4-3-2020

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

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

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

APSSDC R&AC LAB – FEEDBACK

Date:3-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : RAJESH

Title of Training Program :"ELECTRICAL(COMMERCIAL) FOUNDATION".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Average

2 Method of Delivery: Good

3 Related to Subject: good

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

5 Suggestions if any: –

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Bearing number ***APSSDC/Siemens/M/36259*** has successfully

completed ***ELECTRICAL(COMMERCIAL) FOUNDATION*** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd | APSSDC | Design Tech Systems Limited

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Pilla Sandeep

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Bearing number ***APSSDC/Siemens/M/36260*** has successfully

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[illegible] Road [illegible] (Approved by AICTE [illegible] Affiliated [illegible] JNTUK, Kakinada [illegible] Accredited by [illegible] with A Grade (Recognized by UGC under Sections 2(f) and 12(B) of UGC Act [illegible]) [illegible] 08852-252241 [illegible] Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date:27-1-2020

CIRCULAR

It is to inform all the students of B.Tech II & III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP on 3-2-2020 to 6-2-2020by 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 MECHANICAL DEPARTMENT

Date: 3-2-2020

HOD – ME

Copy to

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

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

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

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TOPIC -4

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

TOPIC -5

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

Coordinator

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.

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

STUDENTS ENROLLED

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

Co-ordinator

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

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(Autonomous)

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Approved by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Ph: 08857-[illegible], Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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Ph: 08852-252314, 31 Website: www.pragati.ac.in

Report On Electrical(Commercial) Expert Workshop

Date: 7-2-2020

Resource person details

NAME: P. RAVI SH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

Co-ordinator

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PRAGATI ENGINEERING COLLEGE
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(Recognized by UGC under Sections 2(f) and 12(B) of UGC Act 1956)

Ph (0884) - 252233, 34, Website: www.pragati.ac.in

APSSDC R&AC LAB - FEEDBACK

Date:6-2-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : RAJESH

Title of Training Program :"ELECTRICAL(COMMERCIAL) FOUNDATION".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Average

3 Related to Subject: Excellent

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: — No —

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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 Design Tech Systems Limited

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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

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd APSSDC Design Tech Systems Limited

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date: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

HOD - ME

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

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

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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

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

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

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

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

Co-ordinator

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

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(Autonomous)

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

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

Ph: [illegible] 255331, Id: Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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[illegible] Surampalem [illegible]

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(Recognized by [illegible] Under Section [illegible] of the UGC act 1956)

Ph [illegible] 252233 33 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	12/9	13/9	14/9	19/9	20/9	21/9		
1	17A31A0315	P	A	P	P	P	P		
2	17A31A0316	P	P	A	P	P	A		
3	17A31A0329	P	P	P	P	P	P		
4	17A31A0355	P	P	P	P	P	P		
5	18A35A0303	P	P	P	P	P	P		
6	18A35A0306	P	P	P	P	P	P		
7	18A35A0309	P	P	P	P	P	P		
8	17A31A0372	P	P	P	P	P	P		
9	17A31A0379	P	P	P	P	P	P		
10	17A31A0381	A	P	P	P	P	P		
11	17A31A0385	P	P	P	P	P	P		
12	17A31A0387	P	P	P	P	P	P		
13	17A31A0392	P	P	P	A	P	P		
14	18A35A0327	P	P	P	P	P	P		
15	18A35A0328	P	P	P	P	P	P		
16	18A35A0330	P	P	P	P	P	P		
17	18A35A0333	P	P	P	P	P	P		
18	18A35A0334	P	P	P	P	P	P		
19	18A35A0335	P	P	P	P	P	P		
20	18A35A0337	P	P	P	P	P	P		
21	17A31A03K0	P	P	P	P	P	P		
22	17A31A03K5	P	P	P	P	P	P		
23	18A35A0341	P	P	P	P	P	P		
24	18A35A0344	P	A	P	P	P	A		
25	18A35A0346	P	P	A	P	P	P		

Co-ordinator

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(Recognized by UGC Under Sections 2(f) 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.

Co-ordinator

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Ph: [illegible] Website: www.pragatiec.in

APSSDC R&AC LAB - FEEDBACK

Date:21-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : RAJESH

Title of Training Program :"ELECTRICAL(COMMERCIAL) FOUNDATION".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Excellent

3 Related to Subject: Very good

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

5 Suggestions if any: —

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This is to certify that ***Sri Veera Raghava Vara Prasad Chowdalla***

Bearing number ***APSSDC/Siemens/M/31321*** has successfully

completed ***ELECTRICAL(COMMERCIAL) FOUNDATION*** Course

Conducted at

Pragati Engineering College

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

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Certificate of Completion

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

Bearing number ***APSSDC/Siemens/M/31322*** has successfully

completed ***ELECTRICAL(COMMERCIAL) FOUNDATION*** Course

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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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: 08852-244251-54, Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date:5-9-2019

CIRCULAR

It is to inform all the students of B.Tech 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

HOD – ME

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Dept. File.
ME Notice Board
Principal for information.

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Near Peddapuram, E.G.Dt. (AP)-533 4

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-ordinator

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

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

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

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

Co-ordinator

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(Recognized Sec 2(f) under Sections 2(f) and 12(B) of UGC Act 1956)

Ph: [illegible] Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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Near Peddapuram, E.G.DT. (A.P.)-533 437

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(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by [illegible] Grade)

(Recognized [illegible] Sections 2(f) and 12(B) of UGC Act [illegible])

Ph: [illegible] 34 Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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

Report On Electrical(Commercial) Expert Workshop

Date: 22-9-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

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

Co-ordinator

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

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

APSSDC R&AC LAB - FEEDBACK

Date:21-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : RAJESH

Title of Training Program :"ELECTRICAL(COMMERCIAL) FOUNDATION".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Excellent

2 Method of Delivery: Excellent

3 Related to Subject: very good.

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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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**

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This is to certify that ***Manoj Venkata Kumar Bogadi***

Bearing number ***APSSDC/Siemens/M/31414*** has successfully

completed ***ELECTRICAL(COMMERCIAL) FOUNDATION*** Course

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

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

Ph: 08857-252243/44, Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date 3-2-2020

CIRCULAR

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

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 10-2-2020

HOD – ME

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Circulate among ME Students and Faculty.
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Near Peddapuram, E.G.Dt. (AP)-533 437

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.

Babu.
Co-ordinator

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

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

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

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

Co-ordinator

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(Recognized as [illegible] Under Sections 2(f) and 12(B) of U.G.C. Act, 1956)

Ph: 08853 - 252233, 34, Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

[illegible] Road, Surampalem [illegible] Dt., A.P. [illegible]

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(Recognized by UGC Under Sections 2(f) and 12(B) of UGC Act [illegible])

Ph: 08852 - 252511, 51, Website: www.pragati.ac.in

STUDENTS ATTANDED

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

Co-ordinator

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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.

Co-ordinator

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

1 Usefulness of Topic: Average

2 Method of Delivery: Poor

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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Vadaparthi Sai

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siemens.co.in

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

This is an auto generated Certificate and does not require Signatures

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siemens.co.in

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 Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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(Recognized by UGC Under Sections 2(f) & 12(B) of UGC act [illegible])

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date:27-8-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 3-9-2019

HOD - ME

Copy to

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

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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.

Co-ordinator

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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

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(Recognized as [illegible] Under Section [illegible])

Ph: 08852-[illegible] Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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[illegible] Affiliated to JNTUK, Kakinada, Accredited by [illegible] A Grade

Recognized as [illegible] Under Section [illegible] and 12 (B) of [illegible]

[illegible] 08857 [illegible] Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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

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

Report On Expert Foundation of Welding

Date: 12-9-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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

APSSDC WELDING LAB - FEEDBACK

Date:11-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

Title of Training Program :"EXPERT WELDING".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Excellent

3 Related to Subject: Excellent

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

5 Suggestions if any: —

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

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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 | Design Tech Systems Limited

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date: 18-2-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a 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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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co-ordinator

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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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PRAGATI ENGINEERING COLLEGE

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STUDENTS ENROLLED

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

Co-ordinator

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STUDENTS ATTENDED

S.NO	ROLL NO	25/2	26/2	27/2	2/3	3/3			
1	18A31A0310	A	P	P	P	P			
2	18A31A0330	P	A	P	P	P			
3	18A31A0338	P	P	A	P	P			
4	18A31A0345	P	P	P	A	P			
5	18A31A0347	P	P	P	P	A			
6	18A31A0348	P	P	P	P	P			
7	18A31A0359	P	P	A	P	P			
8	18A31A0360	P	P	P	P	P			
9	18A31A0368	A	P	P	P	P			
10	18A31A0378	P	P	P	P	P			
11	18A31A0381	P	P	P	A	P			
12	18A31A0386	P	P	P	P	P			
13	18A31A0388	P	P	P	P	P			
14	18A31A03A6	P	P	A	P	P			
15	18A31A03B1	P	P	P	P	P			
16	18A31A03C4	P	A	P	P	A			
17	18A31A03C7	P	P	P	P	P			
18	18A31A03D2	P	P	P	P	P			
19	18A31A03D4	P	P	P	P	P			
20	19A35A0348	A	P	P	P	P			

Co-ordinator

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Ph: 08852 - 252233/34, Web site: www.pragati.ac.in

Report On Expert Foundation of Welding

Date: 4-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

[illegible] Surampalem [illegible] A.P. [illegible]

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Ph: [illegible] 252231, 34 Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date:3-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

Title of Training Program :"EXPERT WELDING".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Average

3 Related to Subject: Excellent

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

5 Suggestions if any: —

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Conducted at

Pragati Engineering College

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

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

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Conducted at

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

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date: 19-8-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 26-8-2019

HOD – ME

Copy to

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

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

Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co-ordinator

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

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.

Coordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

STUDENTS ENROLLED

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

Co-ordinator

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(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

STUDENTS ATTENDED

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

Co-ordinator

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Ph: 08852-252211, Fax: 08852-, www.pragati.ac.in

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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Ph: 8852-252233/34, Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date:31-8-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Good

3 Related to Subject: Excellent

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good

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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**

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

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Certificate of Completion

siemens.co.in

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**

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date: 12-9-2019

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 19-9-2019

HOD – ME

Copy to

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

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Babu.
Co-ordinator

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

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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(Recognized by UGC Under Section [illegible] of UGC act [illegible])

[illegible] 257233 [illegible] www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

STUDENTS ATTENDED

S.NO	ROLL NO	19/9	20/9	23/9	24/9	25/9			
	18A31A03A6	P	P	P	P	P			
	18A31A03A7	P	P	P	P	P			
1	18A31A03B1	P	P	P	P	P			
4	18A31A03B2	P	P	P	P	P			
5	18A31A03C2	P	P	P	P	P			
6	18A31A03C5	P	A	P	P	P			
7	18A31A03C7	P	P	P	P	P			
8	18A31A03D1	P	P	P	P	P			
9	18A31A03D2	P	P	P	P	P			
10	18A31A03E0	A	P	P	P	P			
11	18A31A03E2	P	P	A	P	P			
12	18A31A03F6	P	P	P	P	P			
13	19A35A0339	P	P	P	P	P			
14	18A31A03I4	P	P	P	P	P			
15	18A31A03J6	P	P	P	P	P			
16	18A31A03G3	P	P	P	P	P			
17	18A31A03G6	P	P	P	P	P			
18	18A31A03H2	P	P	P	A	P			
19	18A31A03J8	P	P	P	P	P			
20	18A31A03G9	P	P	P	P	P			
21	18A31A03K5	P	P	P	P	P			
22	19A35A0345	P	P	P	P	A			
23	19A35A0350	P	P	P	P	P			
24	19A35A0352	P	P	P	P	P			
25	19A35A0355	P	P	P	P	P			

Co-ordinator

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Under Sections 2(f) and 12(B) of UGC Act 1956
252233 34 Website www.pragati.ac.in

Report On Basic Foundation of Welding

Date: 26-9-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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Ph: 08857-252233, W: Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date:25-9-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Average

2 Method of Delivery: Excellent

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

PRINCIPAL
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This is to certify that ***Katta Praveen Srinivas***

Bearing number ***APSSDC/Siemens/M/17316*** has successfully

completed ***BASIC FOUNDATION OF WELDING*** Course

Conducted at

Pragati Engineering College

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

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Conducted at

Pragati Engineering College

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

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PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date:25-11-2019

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on2-12-2019 to 9-12-2019 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr. V V N SARATH Asst. Professor, Department of Mechanical Engineering on or before 30-11-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 2-12-2019

HOD - ME

Copy to

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

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co-ordinator

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

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.

Coordinator

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PRAGATI ENGINEERING COLLEGE

(Autonomous)

[illegible]

STUDENTS ENROLLED

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

Co-ordinator

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

Ph: 0884-2[illegible]252233, 34, Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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Ph: 08852 - 252231, 32 Website: www.pragati.ac.in

Report On Basic Foundation of Welding

Date: 10-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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Ph: [illegible] 252333 33 Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date:9-12-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: Very good

2 Method of Delivery: good

3 Related to Subject: Excellent

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

5 Suggestions if any: —

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Conducted at

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

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completed ***BASIC FOUNDATION OF WELDING*** Course

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Pragati Engineering College

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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

HOD – ME

Copy to

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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

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

Co-ordinator

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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
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- Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

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[illegible] Under Sections [illegible] of UGC act [illegible]

Ph: [illegible] Website: [illegible]

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0318	Dhulipudi Apparao	D. Apparao
2	18A31A0321	Nandababu Gundra	Nanda Babu
3	18A31A0327	Ithe Akshaya Kumar	I. Akshaya
4	18A31A0332	Kurasa Manikya Chakradhar	Chakradhar
5	19A35A0314	Vemavarapu Sandeep	V. Sandeep
6	18A31A0361	Dinidi Naga Prashanth	D. prasanth
7	19A35A0315	Akumarthi Niranjan	Niranjan
8	19A35A0316	Allu Subramanyam	A. Subbu
9	19A35A0317	Chirra Yuvaraj Prasad	Ch. Yuvaraj
10	19A35A0322	Kaduluri Joseph	[illegible]
11	19A35A0326	Perelli Satish Kumar	P. Satish
12	18A31A03A5	Anugula Sumanth	Suman
13	18A31A03B3	Golla Datta Veera Manoj	G. Manoj
14	18A31A03B5	Gunnam Akhil	G. Akhil
15	18A31A03C9	Nakanaboina Uma Srinivasu	[illegible]
16	18A31A03E1	Shaik S J Hussain Kareemulla Sha Khadari	Hussain
17	18A31A03F4	Yellaboina Venkata Sai Sri Harsha	[illegible]
18	18A31A03F9	Akkireddi Madhu	A. Madhu
19	18A31A03G1	Balagam Nirosh Varma	B. Nirosh
20	18A31A03G8	Gampala Pavan Satya Kumar	Satyakumar
21	18A31A0316	Nakka Chakravarthi	N. Chakravarthi
22	18A31A03K2	Vasa Mohan Kumar	Mohan Kumar
23	18A31A03K7	Siva Shankar Kumar Swamy Neela	N. Siva Shankar
24	19A35A0351	Mummina Devi Vara Prasad	Varaprasad

Co-ordinator

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(Recognized as [illegible] under Section 2(f) and 12(B) of UGC act 1956)

Ph: [illegible] 255233, 34 Website: www.pragati.ac.in

STUDENTS ATTENDED

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

Co-ordinator

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

Report On Basic Foundation of Welding

Date: 26-12-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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APSSDC WELDING LAB – FEEDBACK

Date:24-12-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Average

2 Method of Delivery: Average

3 Related to Subject: Very good

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

5 Suggestions if any: -NO-

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Conducted at

Pragati Engineering College

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

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

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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

HOD – ME

Copy to

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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

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Co-ordinator

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

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

[illegible] Surampalem [illegible] 437

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

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

Ph: [illegible] 252231-33, Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

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

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

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

STUDENTS ATTENDED

S.NO	ROLL NO	29/12	30/12	31/12	2/1	3/1			
1	18A31A0310	A	P	P	P	P			
2	18A31A0319	P	A	P	P	P			
3	18A31A0336	P	P	A	P	P			
4	18A31A0339	P	P	P	P	P			
5	18A31A0350	P	P	P	A	P			
6	19A35A0307	P	P	P	P	P			
7	18A31A0357	P	P	P	P	A			
8	18A31A0370	P	A	P	P	P			
9	18A31A0390	P	P	P	P	P			
10	18A31A0395	P	P	P	P	P			
11	18A31A0396	P	P	A	P	P			
12	18A31A03A0	P	P	P	P	P			
13	18A31A03C4	P	A	P	P	P			
14	18A31A03C8	P	P	P	A	P			
15	18A31A03D7	P	P	A	P	P			
16	18A31A03E4	P	P	P	P	P			
17	18A31A03E6	P	P	P	P	A			
18	18A31A03F1	A	P	P	P	P			
19	19A35A0329	P	P	A	P	P			
20	19A35A0331	P	P	P	A	P			

Co-ordinator

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

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

Report On Basic Foundation of Welding

Date: 4-1-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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

Ph: 08852-255533, 34 Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date:3-1-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Very good

2 Method of Delivery: Very good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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

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Skill

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siemens.co.in

This is to certify that ***Mummidi Veera Venkata Sai Akhil***

Bearing number ***APSSDC/Siemens/M/19127*** has successfully

completed ***BASIC FOUNDATION OF WELDING*** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd | APSSDC | Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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

SIEMENS

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Certificate of Completion

siemens.co.in

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

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(Autonomous)

A198 Road, Surampalem - 533 437, E.G.Dt., A.P.

(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: 08853-252213, 14, Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date:28-1-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 4-2-2020

HOD – ME

Copy to

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

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

Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co-ordinator

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

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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PRAGATI ENGINEERING COLLEGE

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

(Recognized by UGC Under Section [illegible] and 12(B) of UGC Act, 1956)

Ph: 08852-[illegible], Fax: [illegible], Web: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0308	Allam Satish Kumar	A Satish
2	18A31A0322	Garapati Satya Sai	G. Sai
3	18A31A0340	P Sai Srinivas Chakravarthi	P. Chakravarthi
4	18A31A0342	Palacharla Veera Venkata Sai Kishore	Kishore
5	18A31A0343	Panda Sai Srinivas Ganesh	Ganesh
6	18A31A0349	Sandeep Vallu	S. Vallu
7	18A31A0356	Bayaraju Nikhil Varma	B. Nikhil
8	18A31A0364	Gottumukkala Sri Satya Sai Narasimha Raju	Raju
9	18A31A0365	Kolli Yogesh Sai Prasad	K Sai prasad
10	18A31A0385	Pilli Ramu	P. Ramu
11	18A31A0393	Satyavada Manikanta	Manu
12	18A31A0399	V Sandeep Kumar	V. Sandeep
13	18A31A03A2	Vusa Mohana Surya Ganesh	Ganesh
14	18A31A03B6	Indugula Ravindra	I. Ravindra
15	18A31A03D8	Pidugu Veera Venkata Kowshik	P. Kowshik
16	18A31A03E5	Siddi Sai Venkata Varun Kumar	S Varun
17	18A31A03F0	Uppu Manikanta Swamy	U. Swamy
18	18A31A03G2	Bobbili Venkata Abhinav	B. Abhinav
19	18A31A03H1	Jillella Sudheer	J. Sudheer
20	18A31A03I1	Mattaparathi Divakar Setty	M. Divakar
21	18A31A03J7	Tallabathula Krishna Mohan	T. Krishna
22	18A31A03K3	Vennala Hari Venkata Satya Vinay	V. Vinay
23	19A35A0348	Kotipalli Praveen	K. Praveen
24	19A35A0356	Teki Durga Satyanarayana	T. Satyanarayana

Co-ordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

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

STUDENTS ATTENDED

S.NO	ROLL NO	4/2	5/2	6/2	10/2	11/2			
1	18A31A0308	P	P	A	P	P			
2	18A31A0322	A	P	P	P	P			
3	18A31A0340	P	A	P	P	P			
4	18A31A0342	P	P	P	A	P			
5	18A31A0343	P	P	P	P	P			
6	18A31A0349	P	P	P	P	A			
7	18A31A0356	P	P	A	P	P			
8	18A31A0364	P	P	P	P	P			
9	18A31A0365	A	P	P	P	P			
10	18A31A0385	P	P	P	A	P			
11	18A31A0393	P	P	P	P	P			
12	18A31A0399	P	A	P	P	P			
13	18A31A03A2	P	P	P	P	A			
14	18A31A03B6	P	P	P	A	P			
15	18A31A03D8	A	P	P	P	P			
16	18A31A03E5	P	P	P	P	P			
17	18A31A03F0	P	P	A	P	P			
18	18A31A03G2	P	P	P	P	P			
19	18A31A03H1	P	P	P	P	A			
20	18A31A03I1	P	A	P	P	P			
21	18A31A03J7	P	P	P	P	P			
22	18A31A03K3	P	P	P	A	P			
23	19A35A0348	A	P	P	P	P			
24	19A35A0356	P	P	P	P	P			

Co-ordinator

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

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Ph: 08852-232233-34, Website: www.pragati.ac.in

Report On Basic Foundation of Welding

Date: 12-2-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

PRINCIPAL
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Ph: 08852-[illegible] Website: www.pragati.ac.in

APSSDC WELDING LAB – FEEDBACK

Date: 11-2-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Average

2 Method of Delivery: Very good

3 Related to Subject: Good

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

5 Suggestions if any: —

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

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This is to certify that ***Allam Satish Kumar***

Bearing number ***APSSDC/Siemens/M/21001*** has successfully

completed ***BASIC FOUNDATION OF WELDING*** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd APSSDC Design Tech Systems Limited

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

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

Bearing number ***APSSDC/Siemens/M/21002*** has successfully

completed ***BASIC FOUNDATION OF WELDING*** Course

Conducted at

Pragati Engineering College

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

Siemens Industry Software India Pvt. Ltd | APSSDC | Design Tech Systems Limited

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date:10-2-2020

CIRCULAR

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

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 17-2-2020

HOD – ME

Copy to

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

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

Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

Co-ordinator

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

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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PRAGATI ENGINEERING COLLEGE

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

Ph: 0884-[illegible] 252233 Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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PRAGATI ENGINEERING C[illegible]
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[illegible] 378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP) 533 [illegible]

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

Ph: 08852 - 252237, 38, Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	17/2	18/2	26/2	27/2	5/3	6/3		
1	19A35A0305	A	P	P	P	P	P		
2	19A35A0306	P	A	P	P	P	P		
3	19A35A0308	P	P	P	P	P	P		
4	19A35A0309	P	P	P	A	P	P		
5	19A35A0311	P	P	P	P	A	P		
6	19A35A0313	P	P	P	P	P	P		
7	18A31A0353	P	P	A	P	P	P		
8	18A31A0376	P	P	P	P	P	P		
9	18A31A03F8	P	P	P	P	P	P		
10	18A31A03G0	A	P	P	P	A	P		
11	18A31A03H7	P	P	P	P	P	P		
12	18A31A03H9	P	P	A	P	P	P		
13	18A31A03I0	P	P	P	P	P	P		
14	18A31A03I8	P	P	P	P	P	A		
15	18A31A03J9	P	P	P	P	P	P		

Co-ordinator

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

Report On Basic Foundation of Welding

Date: 7-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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APSSDC WELDING LAB – FEEDBACK

Date:6-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: Excellent

2 Method of Delivery: Excellent

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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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**

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

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completed ***BASIC FOUNDATION OF WELDING*** Course

Conducted at

Pragati Engineering College

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem.
Date:2-3-2020

CIRCULAR

It is to inform all the students of B.Tech II year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on9-3-2020 to 17-3-2020by 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.

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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.

Co-ordinator

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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

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Ph: 08857 - 252213 [illegible] Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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

Ph: 08852 - [illegible], Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	9/3	10/3	11/3	16/3	17/3		
1	18A31A0315	A	P	P	P	P		
2	18A31A0320	P	A	P	P	P		
3	18A31A0328	P	P	P	A	P		
4	18A31A0306	P	P	P	P	P		
5	19A35A0302	A	P	P	P	P		
6	19A35A0303	P	P	P	P	P		
7	18A31A0358	P	P	A	P	P		
8	19A35A0318	P	P	P	P	P		
9	18A31A0362	P	P	P	P	P		
10	18A31A0367	P	P	P	P	A		
11	18A31A0377	P	P	P	P	P		
12	18A31A03B0	P	A	P	P	P		
13	18A31A03B7	P	P	P	P	P		
14	18A31A03B9	P	P	P	P	P		
15	18A31A03C3	P	P	P	A	P		
16	18A31A03C6	P	P	P	P	P		
17	18A31A03D6	A	P	P	P	P		
18	18A31A03F2	P	P	P	P	P		
19	18A31A03F5	P	P	P	P	P		

Co-ordinator

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

Report On Basic Foundation of Welding

Date: 18-3-2020

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

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

Co-ordinator

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APSSDC WELDING LAB – FEEDBACK

Date:17-3-2020

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : MUKESH

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

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Good

2 Method of Delivery: Good

3 Related to Subject: Average

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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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**

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This is to certify that ***Thotakura Meghana***

Bearing number ***APSSDC/Siemens/M/21256*** has successfully

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Conducted at

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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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Principal for information.

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Objective of the course

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

Topic Covered

LEVEL A (CATIA,DELMIA,SIMULIA)

Week 1

CATIA V5 Fundamentals

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

The following points were highlighted

- *Create and save various types of CATIA V5 documents*
- *Differentiate and switch between a selection of workbenches*
- *Perform various tasks concerning 3D Navigation and geometry selection*
- *Create and constrain sketches*
- *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 interacting with sketcher and reference elements to create modifiable parts.

The following points were highlighted

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

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

Sufficient time is given for the students to practice

Week 3

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

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

Sufficient time is given for the students to practice

Week 4

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

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

Sufficient time is given for the students to practice

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

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

Sufficient time is given for the students to practice

Co-ordinator

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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.

Co-ordinator

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Ph: [illegible] Website: www.pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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STUDENTS ATTENDED

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

Co-ordinator

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Ph: 08872 – 252231, 32 Website: www.pragati.ac.in

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

Date: 4-7-2019

Resource person details

Name: SHE 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* [illegible]

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Ph: 08856-252233, 34, Website: www.pragati.ac.in

A LEVEL A (CATIA,DELMIA,SIMULIA) 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 LEVEL A (CATIA,DELMIA,SIMULIA). The workshop participants were able to learn in depth of methodology and its real time application. 24 no of students participated in this work shop.

Co-ordinator

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APSSDC DASSAULT 3DEXPERIENCE LAB – FEEDBACK

Date:3-7-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : SIFE ALAM

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

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: Good

2 Method of Delivery: Average

3 Related to Subject: Excellent

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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OF INTERNSHIP

This certifies that MUTTAREDDI RAMAKRISHNA

from Pragati Engineering College

has successfully completed the requirements for Catia Delmia & Simulia

held from 07-06-2019 to 03-07-2019 and is entitled to receive the recognition and benefits so

bestowed awarded on 04-07-2019

Sri Ravi Gupta
Project Manager
APSSDC

Sri T Anil Kumar
Executive Director
APSSDC

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Dr. Srikanth Arja, IRTS
MD & CEO
APSSDC

Andhra Pradesh State Skill Development Corporation

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CERTIFICATE

OF INTERNSHIP

This certifies that koduri Sri Revanth Satya

from Pragati Engineering College

has successfully completed the requirements for Catia Delmia & Simulia

held from 07-06-2019 to 03-07-2019 and is entitled to receive the recognition and benefits so

bestowed awarded on 04-07-2019

Dr. Ravi Gadiraju
Chief General Manager
APSSDC

Sri T Anil Kumar
Executive Director
APSSDC

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

Dr. Srikanth Arja, IRTS
MD & CEO
APSSDC

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

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

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ME Notice Board
Principal for information.

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Objective of the course

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

Topic Covered

LEVEL A (CATIA,DELMIA,SIMULIA)

Week 1

CATIA V5 Fundamentals.

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

The following points were highlighted:

- *Create and save various types of CATIA V5 documents*
- *Differentiate and switch between a selection of workbenches*
- *Perform various tasks concerning 3D Navigation and geometry selection*
- *Create and constrain sketches*
- *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*

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*

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

Sufficient time is given for the students to practice

Week 3

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

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

Sufficient time is given for the students to practice

Week 4

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

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

Sufficient time is given for the students to practice

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

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

Sufficient time is given for the students to practice

Coordinator

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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.

Co-ordinator

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STUDENTS ENROLLED

S.No	Name	Roll No	Signature
1	Donda satish kumar	16A31A03J1	Satish
2	NANDIKOLLA MADHU S SURYA GANGA PAVAN KUMAR	16A31A03K9	S surya
3	CHAITANYA VISHAL PUDI	16A31A03L5	Ch. Vishal P
4	CHOKKA YESU PADAM	16A31A03I5	Yesupadam
5	SARELLA ANIL	16A31A03M1	S. Anil
6	V ESWARA VENKATESH	16A31A03M5	V ESWar
7	PAD RAJU PUTTA	16A31A03A3	Padraju
8	TANETI PRAJITH SUNDAR	17A35A0329	T-prajith
9	GOLLA SIVA GANESH	16A31A0372	G-Siva Ganesh
10	BADIGANTI BALAJI	16A31A0365	Balaji
11	MARADANA BHARATH KUMAR	16A31A0385	M Bharath
12	KODURI VEERABABU	16A31A0378	K. veerababu
13	BATHULA SANTOSH KUMAR	16A31A0366	Santi
14	KUKKALA VIDYA SAGAR	16A31A0380	Vidya Sagar
15	U KALYAN KUMAR	16A31A03B1	Kumar
16	KODATI HIMA KALYAN	17A35A0324	Hima.
17	MAGAPU SANTHOSH	16A31A03K4	Santhosh
18	DADI SIVA SATISH	16A31A0316	Satish
19	PUTTA SANDEEP CHOWDARY	16A31A03L6	S
20	JAMI.BRAHMESWARA RAO	16A31A03J3	Brish
21	PASALA SAI SANDEEP	16A31A03L0	Sai Sandeep
22	boddu lokesh kumar	16A31A03I1	Lokesh
23	RATNALA BHARAT KUMAR	16A31A03L7	Bharat
24	M.R. KRISHNA VAMSI	16A31A03K7	Vamsi
25	BUKKA VEERA CHAKRABABU	16A31A0308	Ch K B
26	K SOLMON RITHISH	16A31A0323	Solmon
27	U PURNA RAVI TEJA	16A31A0348	P
28	J ROHITH SAI	16A31A03J4	Rohith.
29	d venkata anil	16a31a0313	Anil
30	D VARUN VARMA	16A31A0317	Varun.
31	P.V.V.YESWANTH SAI	16A31A0341	Yeswanth
32	V.ABHINAY SRI ANANTH	16A31A03M6	Abhinay
33	PALATI CHARAN TEJA	16A31A03L2	Charan
34	V S HARSHITH CHOWDARY	18A31A03K1	Harsh
35	DANGETI SRINIVAS	16A31A0370	Harshith.
36	KHADAR MOHIDDIN KHAN	16A31A0330	Khadar
37	LTHAKOTA DEVI VINAY	17A35A0312	Devi
38	A.HEMANTH CHOWDARY	18A31A0[illegible]	[illegible]
39	G.D.V.S.S.CHANDRAMOULI	16A31A0[illegible]	Chandramouli
40	PUTTA UMA KIRAN	16A31A0[illegible]	[illegible]

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Co-ordinator

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STUDENTS ATTENDED

S.NO	Roll No	8/7	15/7	22/7	29/7	2/8				
1	16A31A03J1	A	P	P	P	P				
2	16A31A03K9	P	A	P	P	P				
3	16A31A03L5	P	P	A	P	P				
4	16A31A03I5	P	P	P	P	P				
5	16A31A03M11	P	P	P	P	P				
6	16A31A03M5	P	P	P	A	P				
7	16A31A03A3	P	P	P	P	P				
8	17A35A0329	P	P	P	P	P				
9	16A31A0372	P	P	P	P	A				
10	16A31A0365	P	P	P	P	P				
11	16A31A0385	P	P	A	P	P				
12	16A31A0378	P	P	P	P	P				
13	16A31A0366	A	P	P	P	P				
14	16A31A0380	P	P	P	P	P				
15	16A31A03B1	P	P	P	P	P				
16	17A35A0324	P	A	P	P	P				
17	16A31A03K4	P	P	P	P	P				
18	16A31A03I6	P	P	P	A	P				
19	16A31A03L6	P	P	P	P	P				
20	16A31A03J3	P	P	P	P	P				
21	16A31A03L0	P	P	P	P	A				
22	16A31A03I1	P	P	P	P	P				
23	16A31A03L7	P	A	P	P	P				
24	16A31A03K7	P	P	P	P	P				
25	16A31A0308	P	P	P	A	P				
26	16A31A0323	P	P	P	P	P				
27	16A31A0348	A	P	P	P	P				
28	16A31A03J4	P	P	P	P	P				
29	16a31a0313	P	A	P	P	P				
30	16A31A03I7	P	P	P	P	P				
31	16A31A0341	P	P	P	A	P				
32	16A31A03M6	P	P	P	P	P				
33	16A31A03L2	P	P	P	P	P				
34	18A31A03K1	A	P	P	P	P				
35	16A31A0370	P	P	P	P	P				
36	16A31A0330	P	P	P	P	A				
37	17A35A0319	P	P	P	P	P				
38	18A31A03F7	P	A	P	P	P				
39	16A31A0318	P	P	P	A	P				
40	16A31A03A4	A	P	P	P	P				

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Co-ordinator

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

Date: 3-8-2019

Resource person details

Name: SHEE ALAM

Designation: APSSDC TRAINER

Contact details:

Phone no: 7205427699

During explanation of *Create surfaces*

During Practice session of *Assembly Workbench and Toolbars*

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[illegible] was held on [illegible] in collaboration with [illegible]. The expert from [illegible] explained various basic concepts of plan design which seemed to the students. [illegible] This work shop started with basics of plan 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 surface. The students had hands on experience on the 3D Discovery LEVEL 1 (CATIA INFORMATICA). The work shop participants were able to learn in depth of methodology and in real time application. [illegible] no of students participated in this work shop.

Co-ordinator

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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

1 Usefulness of Topic: Good

2 Method of Delivery: Average

3 Related to Subject: Excellent

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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Dr. Rama Gadipudi
Chief General Manager
APSSDC

Sri T Anil Kumar
Executive Director
APSSDC

Dr. Srikanth Ana, IRTS
MD & CEO
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Sri Ravi Gudipudi
Chief Centre Manager
ASPIRE

Sri T Anil Kumar
Executive Director
APSSDC

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

Surampalem.
Date:28-1-2020

CIRCULAR

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

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Objective of the course

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

Topic Covered

LEVEL A (CATIA,DELMIA,SIMULIA)

Week 1

CATIA V5 Fundamentals.

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

The following points were highlighted:

- *Create and save various types of CATIA V5 documents*
- *Differentiate and switch between a selection of workbenches*
- *Perform various tasks concerning 3D Navigation and geometry selection*
- *Create and constrain sketches*
- *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

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

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

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

Sufficient time is given for the students to practice

Co-ordinator

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

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.

Coordinator

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

PRAGATI ENGINEERING COLLEGE

(Autonomous)

[illegible] Kakinada [illegible]

(Recognized by [illegible] under Sections 2(f) [illegible] of 1956)

[illegible] 34 Website: [illegible] pragati.ac.in

STUDENTS ENROLLED

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

Co-ordinator

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STUDENTS ATTENDED

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

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

Date: 24-2-2020

Resource person details

Name: SIFE ALAM

Designation: APSSDC TRAINER

Contact details:

Phone no: 7205427699

During explanation of Part Design

During explanation of Operation tool bar, Sketch tool and Shape Analysis

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Ph 08852 [illegible]33, 34 Website: www.pragati.ac.in

A LEVEL A (CATIA,DELMIA,SIMULIA) WORKSHOP was held on 3/2/2020 to 23-2-2020 in collaboration with APSSDC. The expert from APSSDC explained various basic concepts of part design related aspects to the students of B.Tech II,III & 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 LEVEL A (CATIA,DELMIA,SIMULIA). The workshop participants were able to learn in depth of methodology and its real time application. 28 no of students participated in this work shop.

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APSSDC DASSAULT 3DEXPERIENCE LAB FEEDBACK

Date:23-2-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker : SIFE ALAM

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

Date / Venue : 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: Average

2 Method of Delivery: Good

3 Related to Subject: Very good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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Andhra Pradesh State Skill Development Corporation

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CERTIFICATE

OF COMPLETION

This is to certify that Mr./Ms. B.L.N.V.J.SUBHASH

from Pragati Engineering College has

successfully completed the requirements for CATIA,DELMIA,SIMULIA

held from 03-02-2020 to 23-02-2020.

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Principal

Dr. Ravi Gujjula
Chief General Manager
APSSDC

Dr. Srikanth Arja, IRTS
MD & CEO
APSSDC

Andhra Pradesh State Skill Development Corporation

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CERTIFICATE

OF COMPLETION

Reg. No: 17A31A0358

This is to certify that Mr./Ms. D.RAMYA SUDHA from Pragati Engineering College has successfully completed the requirements for CATIA,DELMIA,SIMULIA held from 03-02-2020 to 23-02-2020.

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Dr. Ravi Gujjula
Chief General Manager
APSSDC

Dr. Srikanth Arja, IRTS
MD & CEO
APSSDC

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date:16-09-2019

CIRCULAR

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

HOD – ECE

Pragati Engineering College ECE-HOD Surampalem

Copy to

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

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PROGRAM SCHEDULE

Topics Covered

DAY 1(6-HOURS)

Course Foundation:

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

The following points were highlighted:

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

DAY 2(6-HOURS)

Topic on internal structure:

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation:

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

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

Topic on Signals of PLC :

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

Topic on Programming :

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

PLC Projects :

- Designing of basic PLC projects
- Lab session

Sufficient time is given for the students to practice

Co-ordinator

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COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

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

Basics of PLC Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Person details

Name :Mr.M.Raghavendra
Designation : APSSDC Trainer
Contact Details :
Ph.No : 9846635823

Co-ordinator

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Student Enroll list

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

Co-ordinator

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9

DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 23-09-2019		DAY-2 24-09-2019		DAY-3 25-09-2019		DAY-4 26-09-2019		DAY-5 27-09-2019		DAY-6 28-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18A35A0402	P	P	P	P	P	P	P	P	P	P	A	A
2	17A31A04G8	P	P	P	P	P	P	P	P	P	P	A	P
3	17A31B0451	P	P	P	P	P	P	P	P	P	P	P	P
4	17A31A04E4	P	P	P	P	P	P	P	P	A	P	P	P
5	17A31B0459	P	P	P	P	P	A	P	P	P	P	P	P
6	17A31A04G1	P	P	A	A	P	P	P	P	P	P	P	P
7	17A31A04G9	P	P	A	A	P	P	P	P	P	P	P	P
[illegible]	17A31B0429	P	P	P	P	P	P	P	P	A	P	P	P
9	17A31A0461	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A04F4	P	P	P	P	P	P	P	P	P	P	P	P
11	17A31A04D1	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A0470	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A04H1	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31B0414	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A04F9	P	P	P	P	P	P	P	P	P	A	P	P

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Attendance Report

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

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APSSDC-TSDI-COE FEEDBACK

Date:28-09-2019

DEPARTMENT :Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr.M.Raghavendra

Title of Training Program :"Basics of PLC".

Date / Venue :23-09-2019to 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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: More labs needed.

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Report on Basis of PLC Program

Date:30-09-2019

Resource Person Details

Name :Mr.M.Raghavendra

Designation : APSSDC Trainer

Contact Details :9846635823

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

The Expert 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

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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:	Authorized Signatory:	Authorized Signatory:
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bearing number.....**DSL/APSSDC/34683**.....has successfully

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

Conducted at

.....**JNTU College of Engineering, Kakinada**.....

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

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This is to certify that **PAVAN PEPAKAYALA**

bearing number **DSL/APSSDC/34684** has successfully

completed **Basics of PLC** Course

Conducted at

JNTU College of Engineering, Kakinada

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

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

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This is to certify that ***PRASANNA LAKSHMI NARAPAREDDY***

bearing number.....***DSL/APSSDC/34685***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

Authorized Signatory:	Authorized Signatory:	Authorized Signatory:
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bearing number.....***DSL/APSSDC/34686***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

Authorized Signatory:	Authorized Signatory:	Authorized Signatory:
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This is to certify that ***SAI CHARAN APPIKONDA***.....

bearing number.....***DSL/APSSDC/34687***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

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This is to certify that ***SAI MANOHAR KOSURI***

bearing number.....***DSL/APSSDC/34688***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

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APSSDC

Authorized Signatory:

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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***

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This is to certify that ***SIRISHA AJJARAPU***

bearing number.....***DSL/APSSDC/34690***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

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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:	Authorized Signatory:	Authorized Signatory:
Siemens Industry Software Pvt. Ltd	APSSDC	DesignTech Systems Limited

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This is to certify that ***SRI SANTOSHA PRANEELA DODDIPATLA***

bearing number.....***DSL/APSSDC/34692***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

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This is to certify that ***VEERA SATYA LAKSHMI SOWJANYA CHITTURI***

bearing number.....***DSL/APSSDC/34693***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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

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This is to certify that **VEERA SWAMY MARUBOINA**.....

bearing number.....**DSL/APSSDC/34694**.....has successfully

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

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This is to certify that ***VENKATA SAI MANJUSREE KOKKIRIMETLA***

bearing number.....***DSL/APSSDC/34695***.....has successfully

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

Conducted at

.....***JNTU College of Engineering, Kakinada***.....

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This is to certify that ***VENKATA VAMSI ADABALA***.....

bearing number.....***DSL/APSSDC/34696***.....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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date:02-07-2019

CIRCULAR

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

HOD – ECE

ECE-HOD

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Student Enroll list

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

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DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

S.no	Roll no	DAY-1 10-07-2019		DAY-2 11-07-2019		DAY-3 12-07-2019		DAY-4 13-07-2019		DAY-5 14-07-2019		DAY-6 15-07-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0463	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A0474	P	P	P	P	P	P	P	P	P	A	P	P
3	17A31A04B7	P	P	P	P	P	P	P	P	A	P	P	P
4	17A31A0465	P	P	P	P	P	P	P	P	P	P	P	P
5	17A31A0401	P	P	P	P	P	P	A	P	P	P	P	P
6	17A31A0466	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A04A5	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0403	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	P	P	P	P	P	P	P	P	P
15	17A31A04A4	P	P	P	P	P	P	P	P	P	P	P	P

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Attendance report

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

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APSSDC-TSDI-Electronics Home LAB –*FEEDBACK*

Date:15-07-2019

DEPARTMENT :Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program :"Electronics Home Lab".

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

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Needful.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date:15-07-2019

CIRCULAR

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

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Student Enroll list

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

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DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT A.Y.2019-20

Roll no	DAY-1 24-07-2019		DAY-2 25-07-2019		DAY-3 26-07-2019		DAY-4 27-07-2019		DAY-5 29-07-2019		DAY-6 31-07-2019	
	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
17A31A0490	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0461	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0492	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0475	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0471	P	P	P	P	P	P	P	P	P	P	P	P
17A31A04D1	A	A	P	P	P	P	P	P	P	P	P	P
17A31A04C8	P	P	P	P	A	A	P	P	P	P	P	P
17A31A0476	P	P	P	P	P	P	P	A	P	P	P	P
17A31A04C2	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0427	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0479	A	A	P	P	P	P	P	P	P	P	P	P
17A31A0480	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0495	P	P	P	P	P	A	A	P	P	P	P	P
17A31A0489	P	P	P	P	P	P	A	A	P	P	P	P
17A31A0487	P	P	P	P	P	P	P	P	P	P	P	P

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1	17A31A0490	36	35
2	17A31A0461	36	35
3	17A31A0492	36	36
4	17A31A0475	36	36
5	17A31A0471	36	36
6	17A31A04D1	36	31
7	17A31A04C8	36	31
8	17A31A0476	36	34
9	17A31A04C2	36	35
10	18A35A0427	36	36
11	17A31A0479	36	33
12	17A31A0480	36	32
13	17A31A0495	36	32
14	17A31A0489	36	33
15	17A31A0487	36	35

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APSSDC-TSDI-Electronics Home LAB –*FEEDBACK*

Date:31-07-2019

DEPARTMENT :Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program :"Electronics Home Lab".

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: 5

2 Method of Delivery: 4

3 Related to Subject: 4

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

5 Suggestions if any: Need more lab training.

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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

HOD – ECE

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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

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DAY 4(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

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

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

Sufficient time is given for the students to practice

co-ordinator

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COURSE OUTCOMES &OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Home Lab Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Persons details

Name : Mr.T.SIVA
Designation : APSSDC Trainer
Contact Details :
Ph.No : 9440756250

Name:Mr.P.VAMSI
Designation : APSSDC Trainer
Contact Details:
Ph:No: 8977596066

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Student Enroll list

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

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DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 09-09-2019		DAY-2 10-09-2019		DAY-3 11-09-2019		DAY-4 12-09-2019		DAY-5 13-09-2019		DAY-6 14-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0477	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A04G4	P	P	P	P	P	P	P	P	P	P	A	A
3	17A31A04H2	P	P	P	P	P	P	A	A	P	P	P	P
4	17A31A0481	P	P	A	A	P	P	P	P	P	P	P	P
5	17A31A04F8	P	P	A	A	P	P	P	P	P	P	P	P
6	17A31A0482	P	P	A	A	P	P	P	P	P	P	P	P
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0484	P	P	P	P	P	P	A	A	P	P	P	P
9	17A31A0494	P	P	P	P	P	P	P	P	P	P	A	P
[illegible]	17A31A04C5	P	P	P	P	P	P	P	P	P	P	A	P
11	17A31A0493	P	P	P	P	P	P	P	P	P	P	A	A
12	17A31A0469	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0462	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A04H3	A	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0464	P	P	P	P	P	A	A	P	P	P	P	P
16	17A31A0484	P	P	P	P	P	A	A	P	P	P	P	P
17	17A31A04C5	P	P	P	P	P	P	P	P	P	A	P	P
18	17A31A0485	P	P	P	P	P	P	P	P	P	A	P	P
19	18A35A0434	A	A	P	P	P	P	P	P	P	P	P	P
20	17A31A04G3	P	P	P	A	A	P	P	P	P	P	P	P
21	17A31A04G7	A	A	P	P	P	P	P	P	P	P	P	P

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Attendance report

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

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APSSDC-TSDI-Electronics Home LAB –*FEEDBACK*

Date:14-09-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr.T.SIVA and Mr.P.VAMSI

Title of Training Program :"Electronics Home Lab".

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

Please evaluate on a scale of 5:

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 5

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

5 Suggestions if any: Need Advanced Topics

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Date:16-09-2019

Report on Value Added Course "Electronics Home Foundation"

Resource Person Details

Name:	Mr. T.SIVA
Designation:	APSSDC Trainer
Contact Details:	+91 9440756250
Name:	Mr.P.VAMSI
Designation:	APSSDC Trainer
Contact Details:	+91 8977596066

Department of Electronics and Communication Engineering organized 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 & demeritsand 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 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 projectsand 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 projectsand 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 Microcontrollerprogramming,designing of basic Microcontroller projectsand in the afternoon session Sufficient time is given for the students to practice.

APSSDC CO-ORDINATROR

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This is to certify that ***RAMA TULASI MAGAPU*** .....

bearing number. ***APSSDC/Siemens/M/76702***. 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 ***V.B.S.D.SASTRY GORTHI***

bearing number ***APSSDC/Siemens/M/76710*** has successfully

completed ***Electronics-Home-Foundation*** Course

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This is to certify that ***JASMINE RANI MOKANA***.....

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completed.....***Electronics-Home-Foundation***.....Course

Conducted at

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

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This is to certify that ***ARAVINDA VIJAYA SWAMY ADABALA***

bearing number. ***APSSDC/Siemens/M/76713*** has successfully

completed.....***Electronics-Home-Foundation***..... Course

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This is to certify that ***MANJU SREE NADIKATLA***.....

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This is to certify that **SRIBALA VISHNUVAJHALA**.....

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This is to certify that ***Anjani Balagam***

bearing number ***APSSDC/Siemens/M/95823*** has successfully

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This is to certify that **Surekha Jonnada**.....

bearing number **APSSDC/Siemens/M/95825** has successfully

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This is to certify that ***Sai Naga Chandu Urlankala***.....

bearing number. ***APSSDC/Siemens/M/95826***. has successfully

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This is to certify that ***Krishna Priya Barla*** .....

bearing number ***APSSDC/Siemens/M/95829*** has successfully

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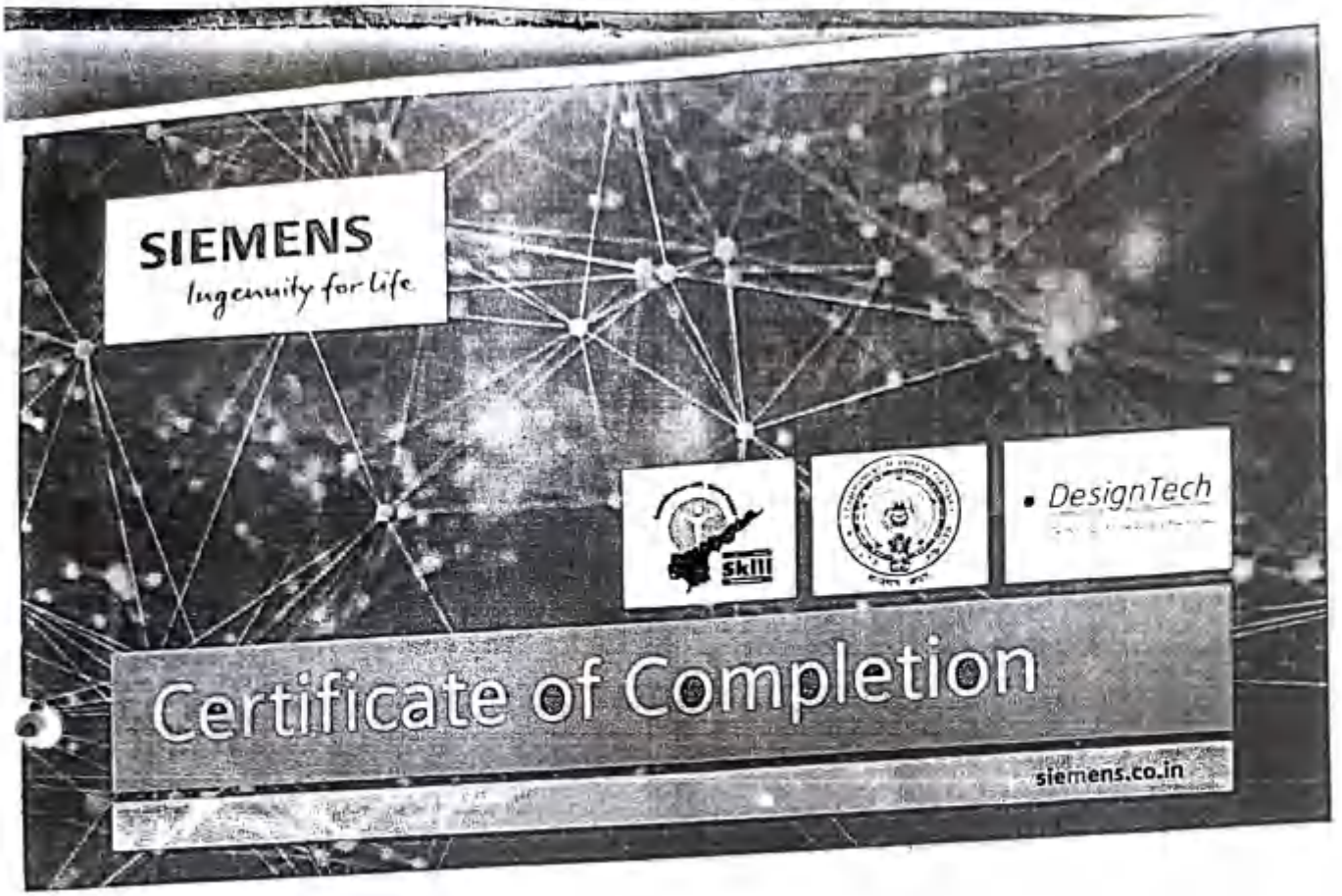

This is to certify that ***Akanksha Mishra***.....

bearing number. ***APSSDC/Siemens/M/95830*** has successfully

completed.....***Electronics - Home - Foundation***..... Course

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This is to certify that **Preethi Jyothsna Chamanthi**.....

bearing number. **APSSDC/Siemens/M/95831**. has successfully

completed.....**Electronics - Home - Foundation**.....Course

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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 ***Asha Chandini Badam*** .....

bearing number. ***APSSDC/Siemens/M/95833*** has successfully

completed..... ***Electronics - Home - Foundation*** ..... Course

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This is to certify that ***Younus Mohammad***.....

bearing number. ***APSSDC/Siemens/M/95834*** has successfully

completed.....***Electronics - Home - Foundation***.....Course

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This is to certify that *Sowmya Golla*.....

bearing number *APSSDC/Siemens/M/95835* has successfully

completed.....*Electronics - Home - Foundation*..... Course

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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

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This is to certify that ***Jayakumar Simhadri***.....

bearing number. ***APSSDC/Siemens/M/95837***..has successfully

completed.....***Electronics - Home - Foundation***.....Course

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This is to certify that *Bhanu Sravani Gunnada*.....

bearing number. *APSSDC/Siemens/M/95840*. has successfully

completed.....*Electronics - Home - Foundation*.....Course

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This is to certify that ***Mounika Padala***.....

bearing number. ***APSSDC/Siemens/M/95841***. has successfully

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This is to certify that ***Bhashyam G S R*** .....

bearing number. ***APSSDC/Siemens/M/95847*** ..has successfully

completed..... ***Electronics - Home - Foundation*** ..... Course

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This is to certify that ***Sirisha Ajjarapu***.....

bearing number. ***APSSDC/Siemens/M/95852***. has successfully

completed.....***Electronics - Home - Foundation***..... Course

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This is to certify that ***Anisha Afrin Sayed***

bearing number ***APSSDC/Siemens/M/95848*** has successfully

completed ***Electronics - Home - Foundation*** Course

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This is to certify that **Suhreen Shaik**

bearing number **APSSDC/Siemens/M/95854** has successfully

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This is to certify that *Lohitha Sridevi Koppisetti*

bearing number. ***APSSDC/Siemens/M/95856*** has successfully

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This is to certify that *Kiranmayeeswari Garikipati*.....

bearing number. *APSSDC/Siemens/M/95858*. has successfully

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This is to certify that ***Sri Santosha Praneela Doddipatla***

bearing number ***APSSDC/Siemens/M/95860*** has successfully

completed ***Electronics - Home - Foundation*** Course

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This is to certify that ***Lakshmi Priyanka Chikkala***.....

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This is to certify that ***Usha Priyanka Kukkala***.....

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This is to certify that ***Sai Satya Ammula*** .....

bearing number. ***APSSDC/Siemens/M/95863***. has successfully

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This is to certify that ***Veera Venkata Sravani Namala*** .....

bearing number. ***APSSDC/Siemens/M/95864*** has successfully

completed.....***Electronics - Home - Foundation***.....Course

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This is to certify that ***Lakshmi Devika Marni*** .....

bearing number ***APSSDC/Siemens/M/95870*** has successfully

completed.....***Electronics - Home - Foundation***..... Course

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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

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This is to certify that ***Krishna Priyanka Varasala*** .....

bearing number. ***APSSDC/Siemens/M/95876***. has successfully

completed.....***Electronics - Home - Foundation***.....Course

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This is to certify that *Tulasi Dora Savalam*.....

bearing number. *APSSDC/Siemens/M/95877*. has successfully

completed.....*Electronics - Home - Foundation*.....Course

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This is to certify that ***Pravallika Pinisetti***.....

bearing number. ***APSSDC/Siemens/M/95879***. has successfully

completed.....***Electronics - Home - Foundation***.....Course

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This is to certify that ***SIRISHA NELAPARTHI***

bearing number ***APSSDC/Siemens/M/76716*** has successfully

completed ***Electronics-Home-Foundation*** Course

Conducted at

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

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This is to certify that ***ANJANI MANOGNA VANGALA*** .....

bearing number. ***APSSDC/Siemens/M/76717*** . has successfully

completed..... ***Electronics-Home-Foundation*** ..... Course

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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***.....Course

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This is to certify that **MRUDULA TETALI**

bearing number **APSSDC/Siemens/M/76703** has successfully

completed **Electronics-Home-Foundation** Course

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This is to certify that ***SAI RATNANJANI CHINTALAPUDI*** .....

bearing number ***APSSDC/Siemens/M/76706*** has successfully

completed ..... ***Electronics-Home-Foundation*** ..... Course

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This is to certify that ***AKHILA CHEEKATLA***.....

bearing number ***APSSDC/Siemens/M/76707***.. has successfully

completed.....***Electronics-Home-Foundation***.....Course

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This is to certify that ***LOKESH SAI SURYA VARA PRASAD MULLU***

bearing number. ***APSSDC/Siemens/M/76708*** has successfully

completed.....***Electronics-Home-Foundation***.....Course

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This is to certify that **VEERA VENKATA DURGA BHUVANESWARI**

bearing number. **APSSDC/Siemens/M/76709** has successfully

completed..... **Electronics-Home-Foundation**..... Course

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This is to certify that **SRI SAI SANDHYA BULUSU**

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completed **Electronics-Home-Foundation** Course

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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

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This is to certify that ***SURYA CHANDRA VANGALAPUDI*** .....

bearing number ***APSSDC/Siemens/M/76720*** has successfully

completed.....***Electronics-Home-Foundation***..... Course

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This is to certify that ***RAJESH EGALA***.....

bearing number. ***APSSDC/Siemens/M/76721***. has successfully

completed.....***Electronics-Home-Foundation***..... Course

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This is to certify that ***SRINIVASA RAO GUDE***.....

bearing number. ***APSSDC/Siemens/M/76722***. has successfully

completed.....***Electronics-Home-Foundation***.....Course

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date:05-09-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Office Lab

HOD-ECE

ECE-HOD

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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

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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.

Co-ordinator

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Student Enroll list

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

Co-ordinator

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DAY WISE ATTENDANCE REPORT A.Y.2019-20

S.no	Roll no	DAY-1 16-09-2019		DAY-2 17-09-2019		DAY-3 18-09-2019		DAY-4 19-09-2019		DAY-5 23-09-2019		DAY-6 24-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31B0440	P	P	P	P	P	P	P	P	P	P	P	A
2	17A31A0421	P	A	P	P	P	P	P	P	P	P	P	P
3	17A31A0404	P	P	P	P	A	A	P	P	P	P	P	P
4	17A31B0412	P	P	P	P	P	P	P	P	A	P	P	P
5	17A31A0446	P	P	P	P	P	P	P	P	A	P	P	P
6	17A31B0457	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0418	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0429	P	P	P	P	P	P	P	P	P	P	P	P
[illegible]	17A31A0437	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A0427	P	A	P	P	P	P	P	P	P	P	P	P
11	17A31B0458	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31B0405	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0410	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A0443	A	A	P	P	P	P	P	P	P	P	P	P
15	18A35B0401	P	P	P	P	P	P	P	P	P	P	P	P
16	17A31B0445	P	P	P	P	P	P	P	P	P	P	P	P
17	17A31A0417	P	P	P	P	P	P	P	P	P	P	P	P

APSSDC Coordinator

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Attendance Report

S.no	Roll no	Classes conducted	Classes Attended
1	17A31B0440	36	33
2	17A31A0421	36	33
3	17A31A0404	36	30
4	17A31B0412	36	33
5	17A31A0446	36	33
6	17A31B0457	36	36
7	17A31A0418	36	36
8	17A31A0429	36	36
9	17A31A0437	36	36
10	17A31A0427	36	33
11	17A31B0458	36	36
12	17A31B0405	36	36
13	17A31A0410	36	36
14	17A31A0443	36	30
15	18A35B0401	36	33
16	17A31B0445	36	33
17	17A31A0417	36	33

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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Office Lab Objective:

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

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

- Basic Components Identification and Testing Practical.
- Design and Construction of SMPS
- Install and maintenance of Office Equipments
- Assembling and Disassembling of Computer System
- Install and uninstall in application software in computer system
- Design of Basic Arduino projects..

Roles and Responsibilities of Lab Coordinator:

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

Resource Person details

Name : Mr.T.SIVA
Designation : APSSDC Trainer
Contact Details :
Ph.No : 9440756250

Name:Mr.P.VAMSI
Designation : APSSDC Trainer
Contact Details:
Ph:No: 8977596066

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APSSDC-TSDI-Electronics Office LAB – *FEEDBACK*

Date:25-09-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr. T.SIVA and Mr.P.VAMSI

Title of Training Program :" Electronics Office Expert".

Date / Venue : 16-09-2019 to 24-09-2019/ Electronics Office Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Need practical sessions like this

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Report on Value Added Course "Electronics Office Foundation"

Date:25-09-2019

Resource Person Details

Name:	Mr. T.SIVA
Designation:	APSSDC Trainer
Contact Details:	+91 9440756250
Name:	Mr. P.VAMSI
Designation:	APSSDC Trainer
Contact Details:	+91 8977596066

Department of Electronics and Communication Engineering organized a one week Value Added Course on "Electronics Office Expert" from 16-09-2019 to 24-09-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Office Expert related aspects and gave practical lab sessions.

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

DAY-1, Topics covered - Basic Components Identification and Testing and gave Introduction about Active Electronic Components, Passive Electronic Components, Basic Test and measurement Equipment and in the afternoon session Sufficient time is given for the students to practice.

DAY-2, Topics covered - Design and Construction of SMPS and gave Explanation of Input stage, Switching section, output stage, Control unit and Discussed about precautions, Merits & Demerits and in the afternoon session Sufficient time is given for the students to practice.

DAY-3, Topics covered - Install and maintenance of Office equipments ,Explained the Installation of various Office equipments on the work bench and Safety Precautions to be taken while working with Office equipments and Explained the steps to maintain the Office equipments in good condition and in the afternoon session Sufficient time is given for the students to practice.

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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.

APSSDC CO-ORDINATROR

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Conducted at

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

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This is to certify that ***CHAITANYA UGGINA***

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This is to certify that ***YAMIMA RAJLIN NAVABAKTULA*** .....

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This is to certify that ***NADISH KUMAR UNDURTHI***

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This is to certify that **KISHORE PALAKONDA**

bearing number **APSSDC/Siemens/M/76726** has successfully

completed **Electronics-Office-Expert** Course

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date:05-09-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Home Lab

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ECE-HOD

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

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

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

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DAY 4(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

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

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

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

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

Sufficient time is given for the students to practice

Co-ordinator

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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics Home Lab Objective:

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

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

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

Roles and Responsibilities of Lab Coordinator:

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

Resource Persons details

Name : Mr.T.SIVA
Designation : APSSDC Trainer
Contact Details :
Ph.No : 9440756250

Name:Mr.P.VAMSI
Designation : APSSDC Trainer
Contact Details:
Ph.No: 8977596066

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Co-ordinator.

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

Student Enroll list

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

Co-ordinator

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DEPARTMENT OF ECE

DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 16-09-2019		DAY-2 17-09-2019		DAY-3 18-09-2019		DAY-4 19-09-2019		DAY-5 23-09-2019		DAY-6 24-09-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0477	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A04G4	P	P	P	P	P	P	P	P	P	P	A	A
3	17A31A04H2	P	P	P	P	P	P	P	P	P	P	A	A
4	17A31A0481	P	P	P	P	A	A	P	P	P	P	P	P
5	17A31A04F8	P	P	P	P	P	P	A	P	P	P	P	P
6	17A31A0482	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0497	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A0484	A	A	P	P	P	P	P	P	P	P	P	P
9	17A31A0494	P	P	P	A	P	P	P	P	P	P	P	P
10	17A31A04C5	P	A	P	P	P	P	P	P	P	P	P	P
11	17A31A0493	P	P	A	A	P	P	P	P	P	P	P	P
12	17A31A0469	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31A0462	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31A04H3	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0464	P	P	P	P	P	P	P	P	P	A	P	P
16	17A31A0485	P	P	P	P	P	P	P	P	P	P	P	A
17	18A35A0434	P	P	P	P	P	P	P	A	A	P	P	P
18	17A31A04G3	P	P	P	P	P	P	P	P	P	A	P	P
19	17A31A04G7	P	P	P	P	P	P	P	P	P	P	A	A

APSSDC Coordinator

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Learning is Supreme Deity

Attendance report

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

Co-ordinator

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APSSDC-TSDI-Electronics Home LAB – *FEEDBACK*

Date:25-09-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR :2019-2020

Name of the speaker :Mr. T.SIVA and Mr.P.VAMSI

Title of Training Program :" Electronics Home Expert Lab".

Date / Venue : 16-09-2019 to 24-09-2019/ Electronics Home Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 3

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good.

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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

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This is to certify that ***RAMA TULASI MAGAPU***

bearing number ***APSSDC/Siemens/M/76681*** has successfully

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

Conducted at

Pragati Engineering College, Surampalem, Kakinada

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

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This is to certify that *V B S D SASTRY GORTHI*

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

Conducted at

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This is to certify that **JASMINE RANI MOKANA**.....

bearing number **APSSDC/Siemens/M/76698** has successfully

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

Conducted at

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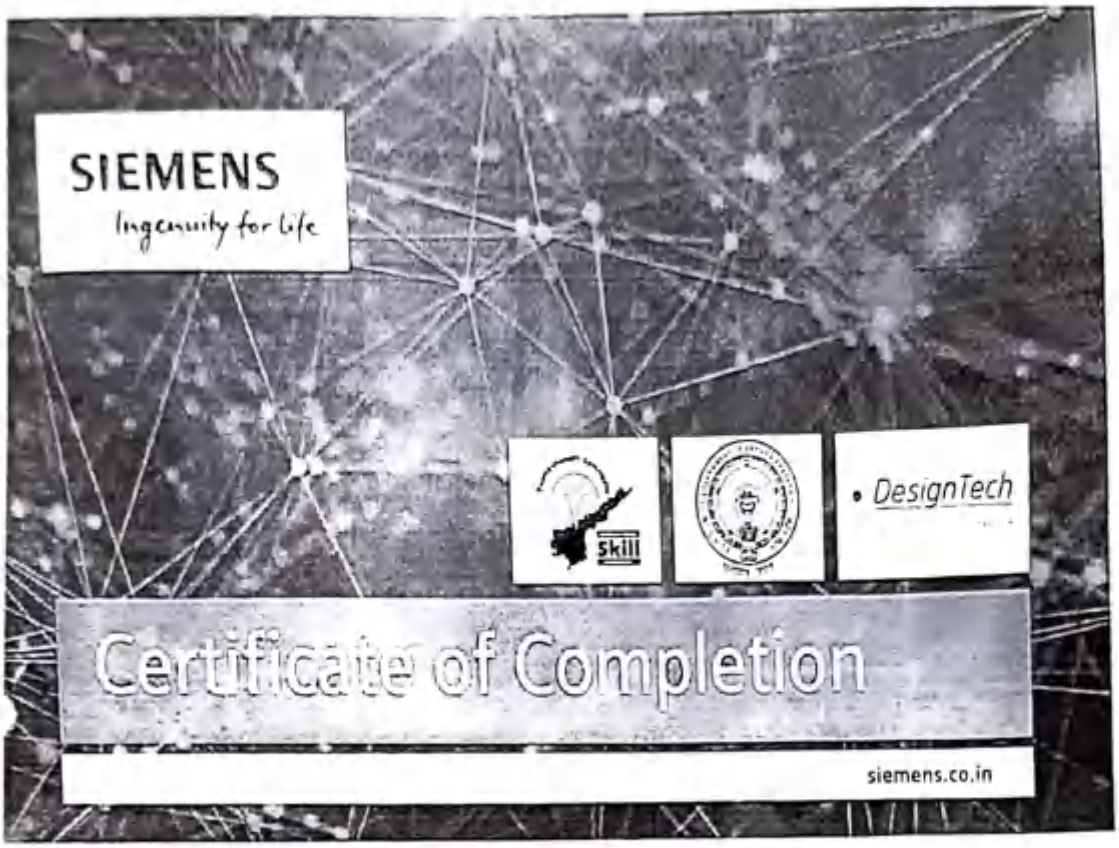

This is to certify that **ARAVINDA VIJAYA SWAMY ADABALA**

bearing number **APSSDC/Siemens/M/76687** has successfully

completed **Electronics-Home-Expert** Course

Conducted at

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This is to certify that ***MANJU SREE NADIKATLA***

bearing number ***APSSDC/Siemens/M/76688*** has successfully

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

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This is to certify that ***SRIBALA VISHNUVAJHALA***.....

bearing number. ***APSSDC/Siemens/M/76695*** has successfully

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

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This is to certify that **SIRISHA NELAPARTHI**.....

bearing number. ***APSSDC/Siemens/M/76682***. has successfully

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

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This is to certify that ***ANJANI MANOGNA VANGALA***

bearing number ***APSSDC/Siemens/M/76683*** has successfully

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This is to certify that ***SRI SAI SANDHYA BULUSU***.....

bearing number. ***APSSDC/Siemens/M/76686*** has successfully

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

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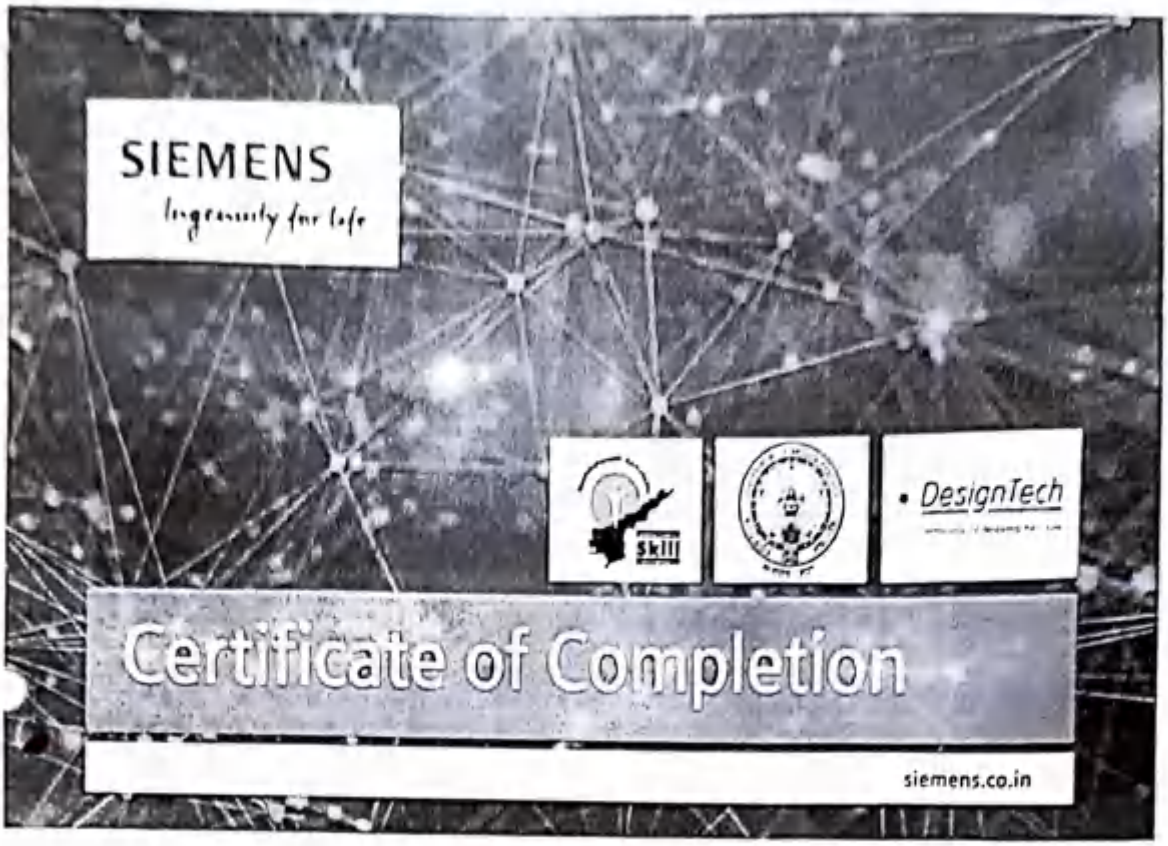

This is to certify that ***MRUDULA TETALI***

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

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

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This is to certify that **SAI RATNANJANI CHINTALAPUDI**.....

bearing number **APSSDC/Siemens/M/76684** has successfully

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

Conducted at

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

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This is to certify that ***AKHILA CHEEKATLA***

bearing number ***APSSDC/Siemens/M/76699*** has successfully

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

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This is to certify that ***LOKESH SAI SURYA VARA PRASAD MULLU***

bearing number. ***APSSDC/Siemens/M/76697***. has successfully

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

Conducted at

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

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This is to certify that ***VEERA VENKATA DURGA BHUVANESWARI BAPATLA***

bearing number ***APSSDC/Siemens/M/76689*** has successfully

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

Conducted at

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

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

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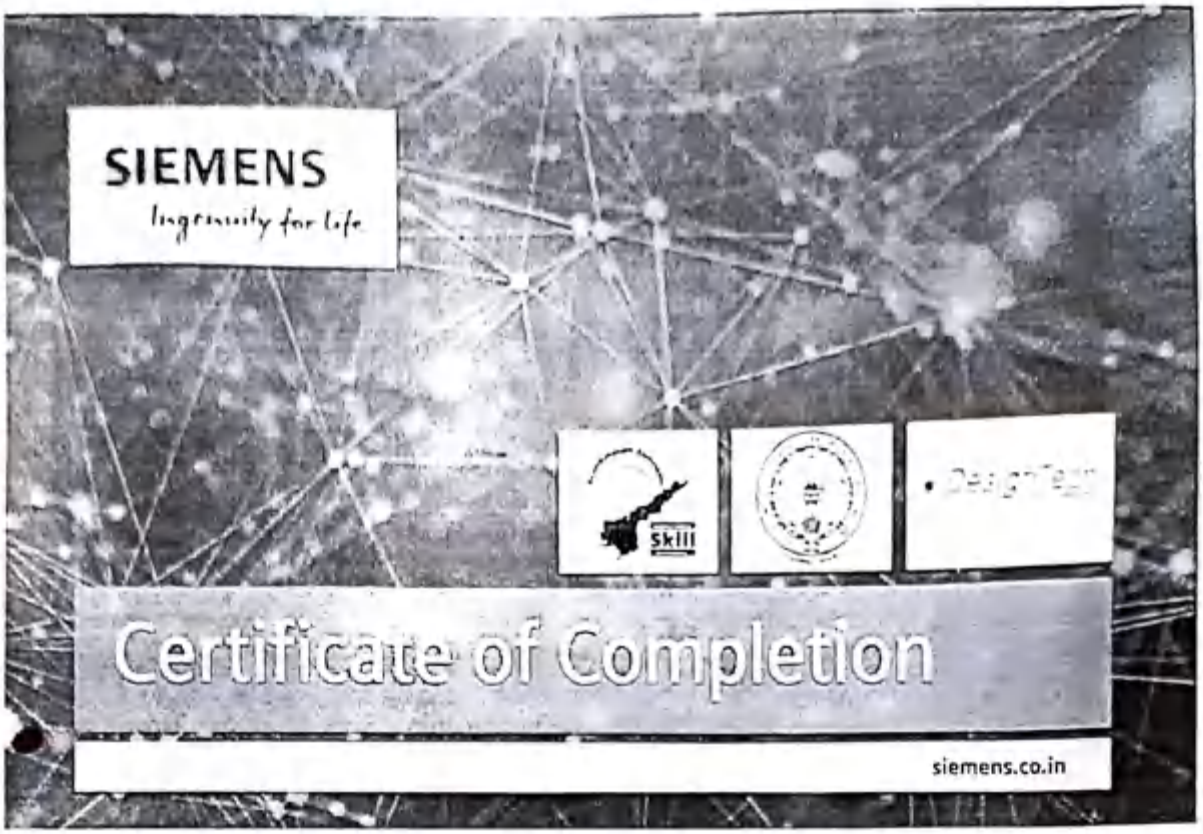

This is to certify that ***SRI SURYA SUNAYANA NULU***.....

bearing number ***APSSDC/Siemens/M/76700*** has successfully

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

Conducted at

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

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

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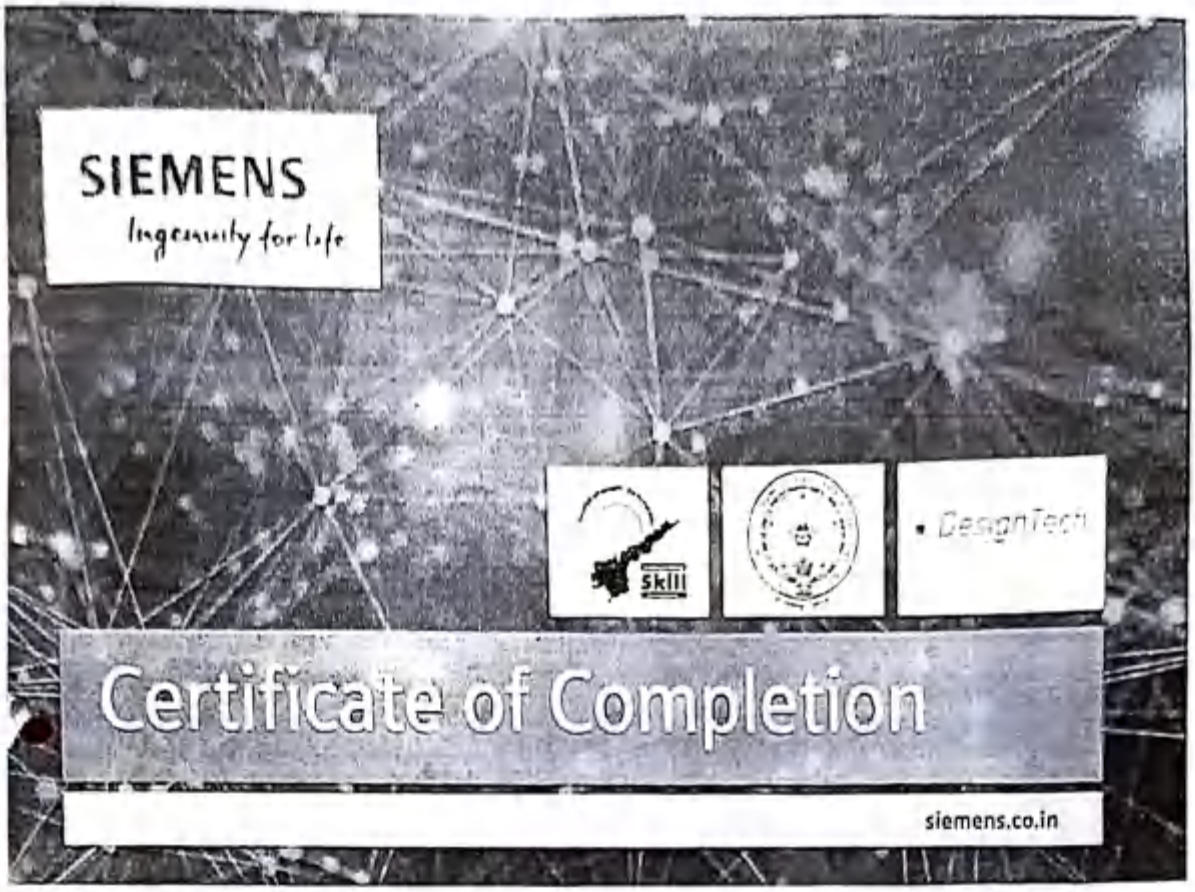

This is to certify that ***SURYA CHANDRA VANGALAPUDI***.....

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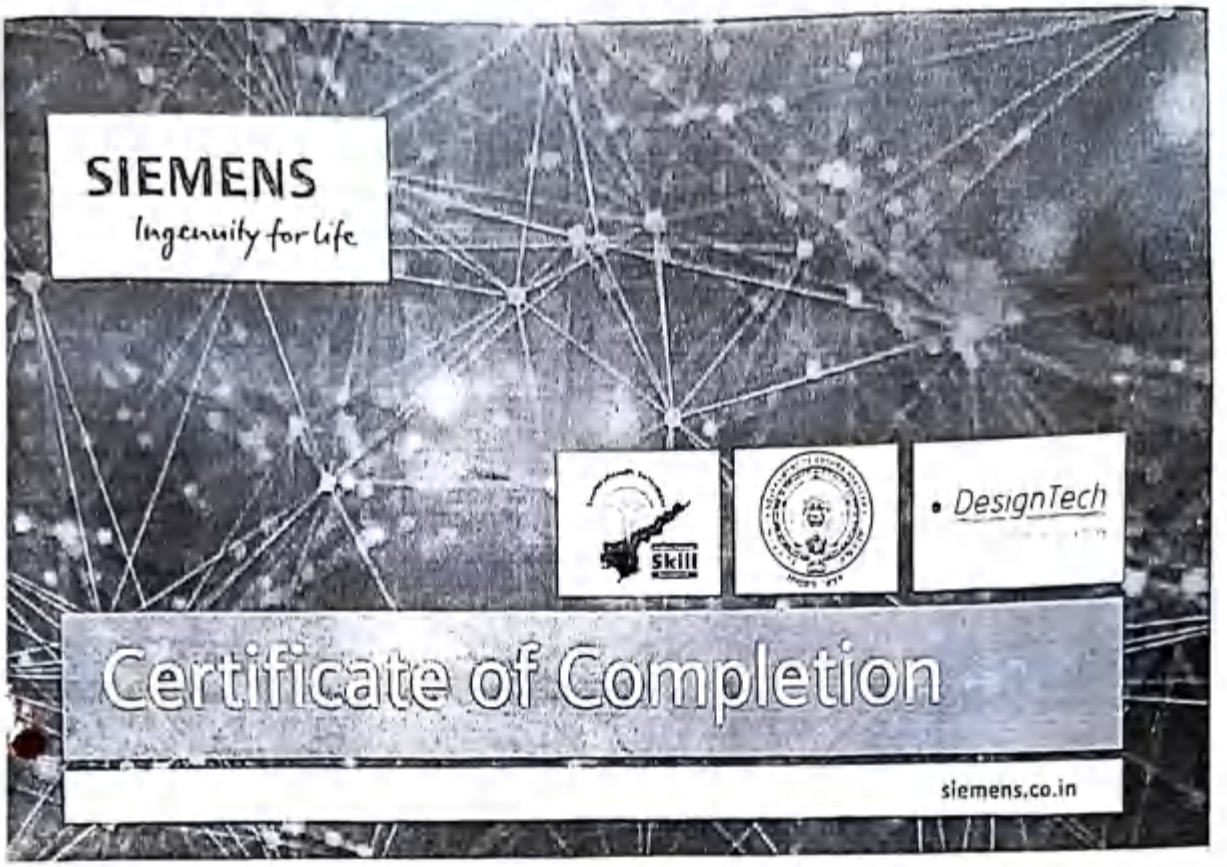

This is to certify that ***RAJESH EGALA***.....

bearing number ***APSSDC/Siemens/M/76701*** has successfully

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

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

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Date: 07/09/2019

CIRCULAR

It is here by informed to all the students of III B.Tech CSE, that there will be an Add On Course going to conducted in the Computer Science and Engineering 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
3) All the HODs circulate among their students.

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DEPARTMENT OF CSE

organizes

Add-on Course

on

PROBLEM SOLVING USING C PROGRAMMING

from 11/09/2019 to 16/09/2019

1

Faculty Coordinator

Ms.A.Harini
Assistant Professor
Dept of CSE
97053 00711

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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- Assessment on Hacker earth

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Problem Solving using C Programming

Attendance Sheet

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

Signature of Coordinator

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Problem Solving using C Programming

Attendance Sheet

Sl. No.	Roll No	Name of the student	11/09/2019	12/09/2019	13/09/2019	14/09/2019	15/09/2019	16/09/2019
1	17A31B0505	Dasari Dharani Sai	P	P	P	P	P	P
2	17A31B0509	Gummadi Navya Sri Devi	P	P	A	P	P	P
3	17A31B0510	Kajuluri V.N.D S. Jahnavi	A	P	P	P	P	P
4	17A31B0520	Kothapalli Mallika	P	P	A	P	P	P
5	17A31B0526	Namala Devi Sireesha	P	P	P	P	P	P
6	17A31B0529	Nanduri Vinayamrutha	P	P	P	A	P	P
7	17A31B0530	Neelam Sri Venkata Hari Priya	P	P	P	P	P	A
8	17A31B0538	Are Sumanth	P	A	P	P	P	P
9	17A31B0539	Badugu Rammohan Rao	P	P	P	P	P	P
10	17A31B0545	Gpllamudi Venkata Sai Pranay Kumar	P	P	P	P	A	P
11	17A31B0547	Mallidi Rohith Reddy	P	P	P	P	P	P
12	17A31B0556	Seela Ajay Krishna	P	P	P	P	P	P
13	17A31B0559	Vinnakoti Sravanth Krishna	P	P	P	P	P	A
14	17A31A0564	Durgavarapu Sai Amrutha	A	P	P	P	P	P
15	17A31A0566	Gorrela Lohitha	P	P	P	P	P	P
16	17A31A0567	Guddati Jessipriyanka	P	P	P	P	P	P
17	17A31A0577	Nanduri Kamala Kumari	P	A	P	P	P	P
18	17A31A0578	Nanduri Vimala Kumari	P	P	P	P	A	P
19	18A35B0501	Pamu Madhu Babu	P	P	P	A	P	P

M V Kamal
Signature of Coordinator

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Date: 16/09/2019

Department : Computer Science and Engineering

Academic Year : 2019-2020

Name of the speaker : Dr.A.Radha Krishna

Title of Training Program :**Problem Solving using C Programming**

Date / Venue :11/09/2019 to 16/09/2019/MarvinMinsky Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 5

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

5 Suggestions if any: Valuable points delivered

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Date:16/09/2019

Department : Computer Science and Engineering

Academic Year : 2019-2020

Name of the speaker : Dr.A.Radha Krishna

Title of Training Program :**Problem Solving using C Programming**

Date / Venue :11/09/2019 to 16/09/2019/MarvinMinsky Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 5

2 Method of Delivery: 5

3 Related to Subject: 5

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

5 Suggestions if any: Informative Sessions

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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.

Coordinator

HoD-CSE

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Principal

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Certificate of Participation

This is to certify that Mr. /Ms. Gummadi Navya Sri Devi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on **Problem Solving using C Programming** Conducted from **11/09/2019** to **16/09/2019** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

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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.

HoD, IT

PRAGATI ENGINEERING C... (A) SURAMPALEM I.T H.O.D

Circulation among III IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

On

PARALLEL COMPUTING

Resource Person
Mrs. D 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-ORDINATOR

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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; matrix-vector multiplication;

Several applications can run simultaneously on a single processor thanks to the programming method known as multi-threading. Each application in multi-threaded programming receives a control thread that operates concurrently with all other threads in the system. The microprocessor allows enough time for each thread to execute.

An algorithm that performs many operations concurrently, as opposed to the standard serial method, is called a parallel algorithm. Serial algorithms are traditionally described in abstract machine models, frequently the one referred to as the random-access machine.

A matrix and a vector are multiplied to create a new vector in a process known as matrix-vector multiplication.

On **Day 5** Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed. Divide and Conquer technique, Inverse of a matrix was discussed.

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On **Day 6** discussed about Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

The goal is for all tasks to be completed in the least amount of time possible after a computation has been broken down into smaller tasks. The overheads of running the activities in parallel must be kept to a minimum to obtain a short execution time. Two main sources of overhead exist for each given decomposition. One source of overhead is the time used for inter-process communication. The amount of time some processes may go without performing any work is a significant source of overhead.

Many factors can cause some processes to become idle even before the entire computation is complete. A load distribution that is uneven could lead to some processes finishing sooner than others.

In order to meet the limits imposed by the task-dependency graph, all the incomplete activities mapped onto a process could occasionally be waiting for tasks mapped onto other processes to finish. The role of mapping frequently affects both interaction and idle time. As a result, an effective task-process mapping must aim to accomplish the twin goals of

(1) minimising the amount of time processes spend communicating with one another and

(2) reducing the overall amount of time some processes are idle while the others are working on certain tasks.

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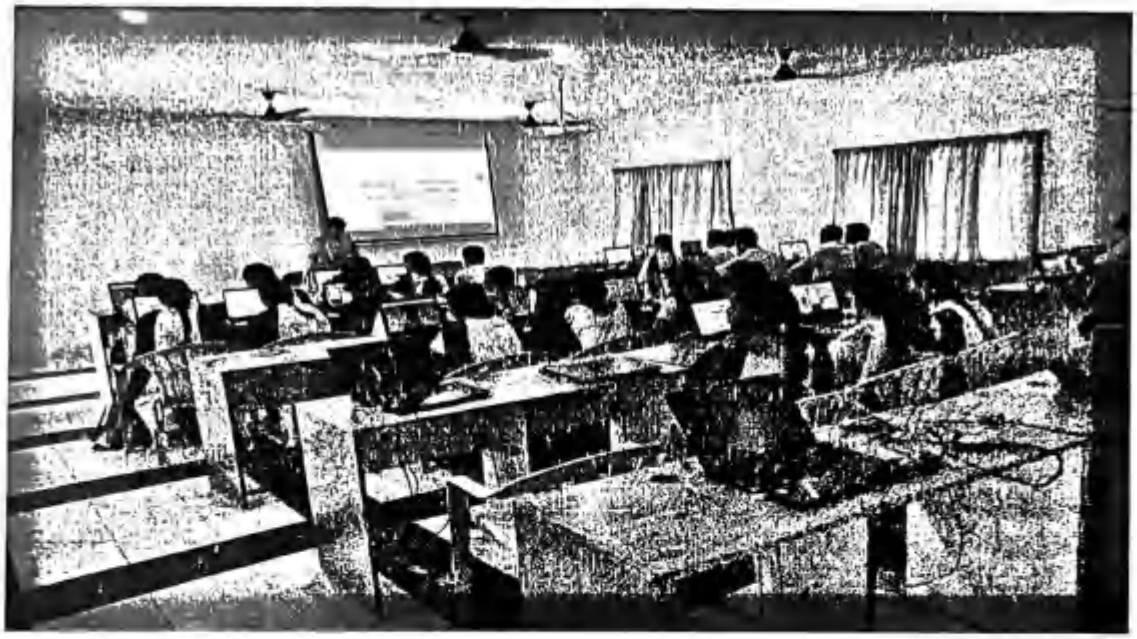

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LIST OF STUDENTS ENROLLED

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

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	26-11-2019	27-11-2019	28-11-2019	29-11-2019	30-11-2019	02-12-2019
1	17A31A1201	A.Jaswanthi	P	P	P	P	P	P
2	17A31A1212	K.Pavana Supriya	P	P	P	P	P	P
3	17A31A1214	Manyam. Monika	P	A	P	P	P	P
4	17A31A1219	N.Sravani	P	P	P	A	P	P
5	17A31A1222	N.Tejaswi	P	P	A	P	P	P
6	17A31A1223	Palukuri Tejaswi	P	P	P	P	A	P
7	17A31A1225	P. Srijani	P	A	P	P	P	A
8	17A31A1228	Preksha Jain	P	P	A	P	P	P
9	17A31A1231	S.Geethika Sai Lakshmi	A	P	P	P	P	P
10	17A31A1233	T. Sushma Reddy	P	P	P	P	P	P
11	17A31A1234	T S SKrishna Prathyusha	P	P	P	P	P	P
12	17A31A1235	T.B N Keerthana	P	P	P	A	P	P
13	17A31A1236	V.DevaManojna	P	A	P	P	A	P
14	17A31A1237	V. Teja Sruthi	P	P	P	P	P	P
15	17A31A1244	Ch. Naga Vitesh	P	P	P	P	P	P
16	17A31A1249	K.Sunil kumar	P	P	P	P	P	P

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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	17A31A1201	6	6
2	17A31A1212	6	6
3	17A31A1214	6	5
4	17A31A1219	6	5
5	17A31A1222	6	5
6	17A31A1223	6	5
7	17A31A1225	6	4
8	17A31A1228	6	5
9	17A31A1231	6	5
10	17A31A1233	6	6
11	17A31A1234	6	6
12	17A31A1235	6	5
13	17A31A1236	6	4
14	17A31A1237	6	6
15	17A31A1244	6	6
16	17A31A1249	6	6

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PARALLEL COMPUTING VALUE ADDED COURSE – FEEDBACK

Date:02-12-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "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: Excellent

2 Method of Delivery: Good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

5 Suggestions if any:

The program is very informative and looking forward to have greater implementation of learned course better.

P. Sai Sani

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Date / Venue: 26-11-2019 to 02-12-2019 /IT Computer Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good 3 Average 2 Poor 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

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Certificate of Participation

This is to certify that Mr./Ms. A. Jaswanthi Student of Information Technology, Pragati Engineering college has actively participated and successfully completed Add-on course on **Parallel Computing** conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati Engineering college (Autonomous),Surampalem.

DATE

02-12-2019

HoD IT

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Certificate of Participation

This is to certify that Mr./Ms. K. Pavana Supriya Student of Information Technology, Pragati Engineering college has actively participated and successfully completed Add-on course on **Parallel Computing** conducted from 26-11-2019 to 02-12-2019 Organized by Department of IT, Pragati 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.

HoD-IT

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Circulation among II IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

On

R PROGRAMMING

Resource Person
Mr. CH Venkata Ramana,
Assistant Professor,
Dept. of IT,
Pragati Engineering College

DATE: 24-06-2019 to 29-06-2019

- **Day 1:** Overview of R and R studio, Installing R and R studio, Introduction to basics of R
- **Day 2:** Introduction of data frames in R, Introduction to R studio and R Script
- **Day 3:** Indexing and slicing data frames, creating matrices using data frames,Merging and importing data
- **Day 4:** Data types and factors, Lists and its operations, Plotting histograms and Piechart, 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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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
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REPORT

Resource person details

Name: Mr. Ch. VENKATA RAMANA

Designation: ASSISTANT PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: ch_venkataramana@pragati.ac.in

On **Day 1** discussed about Overview of R and R studio, Installing R and R studio, Introduction to basics of R

The R Foundation for Statistical Computing supports R, a programming language and software environment for statistical computing and graphics. R is an integrated set of tools for calculating, manipulating data, and displaying graphics. It contains a capability for managing and storing data efficiently; a set of operators for array calculations, particularly matrices. A well-developed, straightforward, and efficient programming language that incorporates conditionals, loops, user-defined recursive functions, and input and output facilities, together with a sizable, coherent, integrated set of intermediate tools for data processing.

The integrated development environment (IDE) for R is called RStudio. Together with a console-based editor with syntax highlighting and direct code execution, it also has features for managing workspaces and graphing, history, debugging, and history. On the desktop (Windows, Mac, and Linux), or in a browser connected to RStudio Server or RStudio Server Pro (Debian/Ubuntu, RedHat/CentOS, and SUSE Linux), RStudio is offered in both open source and paid editions. The integrated development environment (IDE) for R, a programming language for statistical computing and graphics, is free and open-source. RStudio was established by JJ Allaire, who also founded the programming language ColdFusion.

On **Day 2** discussed about Introduction of data frames in R, Introduction to R studio and R Script

Data is presented as a table in a data frame.

Data frames can contain a variety of data kinds. The second and third columns may be numerical or logical, while the first column may be character-based. The same kind of data should be in each column, though.

To build a data frame, use the data.frame() function.

A text file containing (nearly) the exact same commands as you would type into R's command line is known as a R script. (nearly) refers to the requirement to wrap some commands in print() in order to obtain the same output as on the command line if you are using sink() to send the output to a file.

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On **Day 3** discussed about Indexing and slicing data frames, creating matrices using data frames, Merging and importing data

Row slicing in R is a way to access the data frame rows and further use them for operations or methods. The rows can be accessed in any possible order and stored in other vectors or matrices as well. Row slicing is an important operation which is easily supported by R programming language.
data.matrix() function in R Language is used to create a matrix by converting all the values of a Data Frame into numeric mode and then binding them as a matrix.
Syntax: data.matrix(df)
Parameters:
df: Data frame to be converted.

On **Day 4** discussed about Data types and factors, Lists and its operations, Plotting histograms and Pie chart, bar charts and scatter plot.

Lists in R language, are the objects which comprise elements of diverse types like numbers, strings, logical values, vectors, list within a list and also matrix and function as its element. A list is generated using **list()** function. It is basically a generic vector that contains different objects. R allows its users to perform various operations on lists which can be used to illustrate the data in different forms.
Creating a List
Lists in R can be created by placing the sequence inside the **list()** function.

Character, numeric, integer, complex, and logical are R's fundamental data types. The vector, list, matrix, data frame, and factors are some of the fundamental data structures in R.

A bar chart is a great way to display categorical variables in the x-axis. This type of graph denotes two aspects in the y-axis.

1. The first one counts the number of occurrence between groups.
2. The second one shows a summary statistic (min, max, average, and so on) of a variable in the y-axis.

You will use the mtcars dataset with has the following variables:

- cyl: Number of the cylinder in the car. Numeric variable
- am: Type of transmission. 0 for automatic and 1 for manual.

On **Day 5** discussed about Introduction to ggplot2, Aesthetic mapping in ggplot2, Data manipulation in dplyr package

Aesthetic mappings describe how variables in the data are mapped to visual properties (aesthetics) of geoms. Aesthetic mappings can be set in ggplot() and in individual layers.

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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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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	18A31A1201	A.Chaitraja	A.Chaitraja
2	18A31A1204	Ch.Lakshmi Sowjanya	Sowjanya
3	18A31A1208	K.Vyshnavi Devi	K.Vyshnavi
4	18A31A1211	K.Meghana	K.Meghana
5	18A31A1213	P.Lakshmi Sudha	P.Lakshmi Sudha
6	18A31A1217	M. Joshna Sai Keerthi	M.Joshna Sai Keerthi
7	18A31A1220	P.Sai Mounica	P.Sai Mounica
8	18A31A1221	Ramya Keerthi M	Ramya
9	18A31A1223	R.Ramya	R.Ramya
10	18A31A1224	D. S V V S K Sri Ramya	Ramya
11	18A31A1225	M.Sai Sri	M.Sai Sri
12	18A31A1226	S.Geethika	S.Geethika
13	18A31A1228	Swarupa Mohapatra	S.Mohapatra
14	18A31A1231	Madhuri V	Madhuri V
15	18A31A1236	T.Raja Ravindra	Ravindra
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	Satya.
17	18A31A1245	K.Teja Hanuma	K.Teja Hanuma
18	18A31A1247	L.Jagannadha Raju	Jagannadha Raju
19	19A35A1201	D.Mounika	D.Mounika

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1	18A31A1201	A.Chaitraja	P	P	P	P	P	P
2	18A31A1204	Ch.Lakshmi Sowjanya	P	P	P	P	P	P
3	18A31A1208	K.Vyshnavi Devi	P	P	P	P	P	A
4	18A31A1211	K.Meghana	P	P	P	P	P	P
5	18A31A1213	P.Lakshmi Sudha	P	A	P	P	P	P
6	18A31A1217	M. Joshna Sai Keerthi	P	P	P	P	P	P
7	18A31A1220	P.Sai Mounica	P	P	P	A	P	P
8	18A31A1221	Ramya Keerthi M	P	P	P	P	P	P
9	18A31A1223	R.Ramya	A	P	P	P	P	P
10	18A31A1224	D. S V V S K Sri Ramya	P	P	P	P	P	P
11	18A31A1225	M.Sai Sri	P	P	P	P	P	P
12	18A31A1226	S.Geethika	P	P	P	P	A	P
13	18A31A1228	Swarupa Mohapatra	P	A	A	P	P	P
14	18A31A1231	Madhuri V	P	P	P	P	P	P
15	18A31A1236	T.Raja Ravindra	A	P	P	P	P	P
16	18A31A1240	A SatyaVenkata Surya Naga Sri Sai	P	P	A	A	P	P
17	18A31A1245	K.Teja Hanuma	P	P	P	P	P	A
18	18A31A1247	L.Jagannadha Raju	P	A	P	P	A	P
19	19A35A1201	D.Mounika	P	P	A	P	P	P

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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	18A31A1201	6	6
2	18A31A1204	6	6
3	18A31A1208	6	5
4	18A31A1211	6	6
5	18A31A1213	6	5
6	18A31A1217	6	6
7	18A31A1220	6	5
8	18A31A1221	6	6
9	18A31A1223	6	5
10	18A31A1224	6	6
11	18A31A1225	6	6
12	18A31A1226	6	5
13	18A31A1228	6	4
14	18A31A1231	6	6
15	18A31A1236	6	5
16	18A31A1240	6	4
17	18A31A1245	6	5
18	18A31A1247	6	4
19	19A35A1201	6	5

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R PROGRAMMING VALUE ADDED COURSE – FEEDBACK

Date:29-06-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2019-2020

Name of the speaker: Mr. Ch. Venkata Ramana

Title of Training Program: "R PROGRAMMING Value added course"

Date / Venue: 24-06-2019 to 29-06-2019 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: very Good

2 Method of Delivery: Good

3 Related to Subject: Good

4 Is the Topic useful for career: YES/NO

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

S.Mohapatra

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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: Excellent

2 Method of Delivery: Good

3 Related to Subject: Very Good

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

5 Suggestions if any: Good

R. Ramya

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PRAGATIENGINEERINGCOLLEGE

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Certificateof Participation

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

DATE

29-06-2019

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

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

Certificate of Participation

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

DATE

29-06-2019

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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

HOD CE

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Copy to:

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

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Objective of the Course

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

Topic Covered:

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

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

WEEK 3: Quantity Survey & Quantity Surveying Estimation

WEEK 4: Civil Engineering & Construction Works

Co-ordinator

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OUTCOMES OF THE COURSE

Students will be able to:

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

co-ordinator

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Resource Person Details

Name: G.S.V Brahmaji Rao

Designation: Assistant Professor

Contact Details: 7396146591

Photographs during training Session

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Department of CIVIL Engineering

STUDENTS ENROLLED for Construction Methodology Basics in Civil Engineering

S.No	Name of the Student	Roll Number	Signature
1	Allam Rama Naga Prasanna	18A31A0101	A R N prasanna
2	Dantuluri Tripura Sravya	18A31A0106	T. Sravya
3	Kammasathi Divya Teja Sree	18A31A0107	[illegible]
4	Lanka Jeevana Sruthi	18A31A0109	L. Jeevana Sruthi
5	Bangaru Sai Teja	18A31A0121	Sai teja
6	Kalla Siva Sai	19A35A0108	[illegible]
7	Inti Anjana Devi	18A31A0161	[illegible]
8	Karumuri Durga Bhargavi	18A31A0162	[illegible]
9	Nallam Lavanya	18A31A0165	N. Lavanya
10	Vaddi Pradeep	18A31A0171	[illegible]
11	Barla Veera Mahalakshmi	19A35A0115	[illegible]
12	Pemmadi Swapna	19A35A0116	P. Swapna
13	Boddu Tejesh	19A35A0117	[illegible]
14	Gokeda Bhavani Prasanna	17A31A0103	G.B.prasanna
15	Macha Haritha	17A31A0109	[illegible]
16	Veronica Doddigarla	17A31A0119	Veronica
17	Basa Siva Ganesh	17A31A0123	B. S. Ganesh
18	Gadapa Suresh	17A31A0128	[illegible]
19	Kandregula Sai Sumanth	17A31A0134	[illegible]
20	Kolaganti Sriram	17A31A0136	[illegible]
21	Kothapalli Siva	17A31A0137	[illegible]
22	Nethi Akarsh	17A31A0143	Akarsh
23	Bethina Sateesh	18A35A0103	[illegible]
24	Kattamuru Chandu	18A35A0112	K. chandhu

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

Co-Ordinator

Resource Person

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Department of CIVIL Engineering

ATTENDANCE REPORT for Construction Methodology Basics in Civil Engineering

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

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

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Resource Person

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Department of CIVIL Engineering

STUDENTS ENROLLED

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

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20	MUSINADA AMRUTHA	19A31A0110	
21	PALIVELA VEERENDRA	20A35A0109	
22	SHEIK CHAN BASHA	20A35A0112	
23	NARALA SAI RAKESH	20A35A0116	
24	GUDIMETLA DAYANIDHI	21A31A0107	G. Dayanidhi
25	A. TEJASWINI NAGA SRI SAI	21A31A0101	
26	PRATHYUSHA PITHANI	21A31A0112	
27	CHITTURI S V V RAM KISHORE	21A31A0121	V. V. Ramkishore
28	GUBBALA JOHN MUKESH	21A31A0124	G. Mukesh
29	KUDIPUDI SESHA SAI KARTHIK	21A31A0128	
30	MANOHAR REDDY SATHI	21A31A0135	
31	S. S. SREENIVASA NARENDRA	21A31A0141	Narendra
32	V. N. VENKATA KOTI DINESH	21A31A0143	
33	YELETI JAYAKANTH	21A31A0145	
34	MORTHA ASISH KUMAR	21A31A0147	
35	JALASUTRA CHANDU	21A31A0125	Jchandu

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 19/08		Dt: 20/08		Dt: 21/08		Dt: 22/08		Dt: 23/08		Dt: 26/08		Dt: 27/08	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	A	A
18A31A0106	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0161	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0165	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P	P	P	P	A	P	P	P	P	P	P	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0123	P	P	A	A	P	P	P	P	P	P	P	P	P	P
17A31A0128	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0143	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	A	A	P	P	P	P	P	P	P	P

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

18A35A0112	P	P	P	P	A	A	P	P	P	P	P	P	P	P
18A35A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0167	P	P	P	P	P	A	P	P	P	P	P	P	P	P
17A31A0172	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0127	P	P	P	P	A	A	P	P	P	P	P	P	P	P
16A31A0104	P	P	P	P	P	P	P	P	P	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	P	P	P	P	P	P
16A31A0147	P	P	P	P	A	A	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	P	P	P	P	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01B2	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	A	A

Co-Ordinator

Resource Person

HOD-CIVIL

PRAGATI ENGINEERING COLLEGE (A) SURAMPALEM CE - HOD

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

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 28/08		Dt: 29/08		Dt: 30/08		Dt: 31/08		Dt: 03/09		Dt: 04/09		Dt: 05/09	
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
18A31A0101	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0106	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0109	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18A31A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0108	P	P	P	A	P	P	P	P	P	P	P	P	P	P
18A31A0161	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0165	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0123	P	P	P	P	A	P	P	P	P	P	P	P	P	P
17A31A0128	P	P	P	P	P	P	A	A	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0143	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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1-378, ADB ROAD, SURAMPALEM

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18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0114	P	P	P	P	P	P	P	A	P	P	P	P	P	P
17A31A0167	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0172	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0127	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0104	P	P	P	P	A	A	P	P	P	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	P	P	P	P	P	P
16A31A0147	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	P	A	A	P	P	P	P	P	P	P	P
17A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	A	A
16A31A01B2	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 6/9		Dt: 7/9		Dt: 9/9		Dt: 10/9		Dt: 11/9		Dt: 12/9		Dt: 13/9	
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
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
18A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0165	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0115	P	P	P	A	P	P	P	P	P	P	P	P	P	P
19A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19A35A0117	P	P	P	P	A	A	P	P	P	P	P	P	P	P
17A31A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0109	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0119	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0128	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0136	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0137	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0143	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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18A35A0112	P	P												
18A35A0114	P	P												
17A31A0167	P	P												
17A31A0172	P	P												
18A35A0115	P	P												
18A35A0124	P	P												
18A35A0127	P	P												
16A31A0104	P	P												
16A31A0107	P	P												
16A31A0114	P	P												
16A31A0147	P	P												
17A35A0105	P	P												
17A35A0115	P	P												
16A31A0162	P	P												
16A31A01B2	P	P												
17A35A0123	P	P												
17A35A0126	P	P												
17A35A0130	P	P												

Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Attendance Sheets for Construction Methodology Basics in Civil Engineering

Roll No.	Dt: 14/09		Dt:		Dt:		Dt:		Dt:		Dt:		Dt:	
	43	44												
18A31A0101	A	P												
18A31A0106	P	P												
18A31A0107	P	P												
18A31A0109	P	P												
18A31A0121	P	P												
19A35A0108	P	P												
18A31A0161	P	P												
18A31A0162	P	P												
18A31A0165	P	P												
18A31A0171	P	P												
19A35A0115	P	P												
19A35A0116	P	P												
19A35A0117	P	P												
17A31A0103	P	P												
17A31A0109	P	P												
17A31A0119	P	P												
17A31A0123	P	P												
17A31A0128	P	P												
17A31A0134	P	P												
17A31A0136	P	P												
17A31A0137	P	P												
17A31A0143	P	P												
18A35A0103	P	P												

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18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0167	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0172	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0127	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0104	P	P	P	P	P	P	A	P	P	P	P	P	P	P
16A31A0107	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0114	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0147	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0105	P	P	P	P	P	P	A	P	P	P	P	P	P	P
17A35A0115	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0162	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01B2	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0123	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0126	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0130	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/2019

DEPARTMENT : CIVIL

ACADEMIC YEAR : 2019 - 2020

NAME OF THE SPEAKER : G.S.V Bramaji Rao

TITLE OF TRAINING PROGRAM : Construction methodology Basics in civil Engineering

DATE/VENUE : 19/8/2019
CS-5-CIVIL Dept block.

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

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

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/2019.

DEPARTMENT : Civil

ACADEMIC YEAR : 2019 - 2020.

NAME OF THE SPEAKER : G.S.V Bramajji Rao.

TITLE OF TRAINING PROGRAM : Construction. methodology Basics. in civil Engineering.

DATE/VENUE : 19/8/2019. CS-5- civil Dept block.

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

B. Sateesh
Signature/ Name of the Student
(Optional)

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

TITLE OF TRAINING PROGRAM : Construction methodology Basics in civil Engineering

DATE/VENUE : 19/8/2019
CS-5 - CIVIL Dept block

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

G.B. prasanna
Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/2019

DEPARTMENT : civil

ACADEMIC YEAR : 2019-2020

NAME OF THE SPEAKER : G.S.V. Bramaji Rao

TITLE OF TRAINING PROGRAM : Construction methodology Basics in Civil Engineering

DATE/VENUE : 19/8/2019
CS-5- Civil Dept Block

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

Sai Teja
Signature/ Name of the Student
(Optional)

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

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 14/9/19

DEPARTMENT : CIVIL

ACADEMIC YEAR : 2019 - 2020

NAME OF THE SPEAKER : G.S.V. Bramajji Rao

TITLE OF TRAINING PROGRAM : Construction methodology Basics in Civil Engineering

DATE/VENUE : 19/8/2019
CS-5- Civil Dept block

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

P. Swapna

Signature/ Name of the Student
(Optional)

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

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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

FACULTY INCHARGE

sri lakshmi

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS), SURAMPALEM, ANDHRA PRADESH

PARTICIPATION CERTIFICATE

DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

BETHINA SATEESH

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

FACULTY INCHARGE

sri lakshmi

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DEPARTMENT OF CIVIL ENGINEERING

Surampalem,
Date: 21/01/2020

CIRCULAR

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

Venue: Classroom CF-3 CIVIL DEPARTMENT BLOCK
Date: 27/01/2020

HOD-CE

Copy to:

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

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Objective of the Course

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

Topic Covered:

WEEK 1: Introduction to Environmental Geomechanics

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

WEEK 2: Scope and Trends of Environmental Geomechanics

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

WEEK 3: Nature of Soil

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

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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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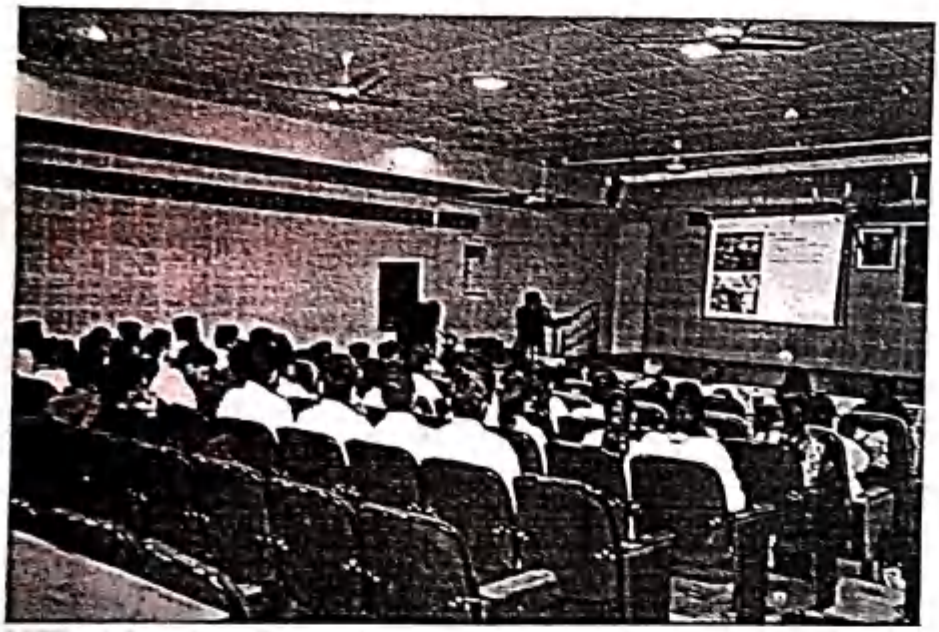
Resource Person Details

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	A.Yamini
2	Chukka Umadevi	18A31A0105	G.umadevi
3	Lanka Jeevana Sruthi	18A31A0109	Sruthi
4	Allu Sai Naveen	18A31A0119	Naveen
5	Donam Sridhar	18A31A0127	Sridhar D
6	Koduri Jaya Ram	18A31A0134	Jaya Ram
7	Vanga Taraka Rama Siva Sai	18A31A0149	V.T.R.Sai
8	Kalla Siva Sai	19A35A0110	Kalla Siva
9	Thota Mohan	19A35A0113	Mohan
10	Kursala Keerthana	18A31A0163	Keerthana
11	Vaddi Pradeep	18A31A0171	Vaddi Pradeep
12	Chandaka Nani	19A35A0118	Nani.d
13	Vandrasi Shyam	19A35A0121	Vandrasi Shyam
14	Pemmadi Ramya	17A31A0114	Ramya
15	Addamki Sivaram	17A31A0121	A. Siva Ram
16	Kurma Sriram	17A31A0136	Sriram
17	Sampara Issac Chandan	17A31A0151	Issac
18	Kattamuru Chandu	18A35A0112	Chandu
19	Visanala Srilekha	17A31A0174	Srilekha
20	Chittiprolu Naga Ramesh	17A31A0181	naga Ramesh
21	Gandham Swathi	18A35A0115	Swathi
22	Gurrala Sonali	18A35A0116	G. Sonali
23	Kunduru Sumanth	18A35A0121	K. Sumanth
24	Thirukoti Vikranth	18A35A0126	Vikranth

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

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ATTENDANCE REPORT for Introduction to Environmental Geomechanics

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

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24	18A35A0126	44	44
25	16A31A0119	44	44
26	16A31A0140	44	44
27	17A35A0101	44	43
28	17A35A0104	44	44
29	17A35A0105	44	42
30	16A31A0170	44	44
31	16A31A0173	44	44
32	16A31A0182	44	44
33	16A31A0189	44	43
34	17A35A0124	44	42

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Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 27-1-20		Dt: 28-1-20		Dt: 29-1-20		Dt: 30-1-20		Dt: 31-1-20		Dt: 1-2-20		Dt: 3-2-20	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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	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	P
18A31A0134	P	P	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	P	P	P	P	P	P	P	P
19A35A0113	P	P	P	P	P	P	P	P	P	P	P	P	P	A
18A31A0163	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0171	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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
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17A31A0136	P	P	P	P	P	P	P	A	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
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17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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18A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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18A35A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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	P	P	P	P	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	P	P	P	P	P
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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	P	P	P	P	P
16A31A0189	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Roll No.	Dt: 4-2-20		Dt: 5-2-20		Dt: 6-2-20		Dt: 7-2-20		Dt: 8-2-20		Dt: 10-2-20		Dt: 11-2-20	
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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	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	P
18A31A0134	P	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	P	P	P	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	P	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	P	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	P
18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0174	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0115	P	P	P	P	A	P	P	P	P	P	P	P	P	P
18A35A0116	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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18A35A0121	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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	P	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	P	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	P	P	P	P	P
16A31A0189	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Attendance Sheets for Introduction to Environmental Geomechanics

Roll No.	Dt: 12-7-20		Dt: 13-7-20		Dt: 14-7-20		Dt: 15-7-20		Dt: 17-7-20		Dt: 18-7-20		Dt: 19-7-20	
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
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	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	P
18A31A0134	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18A31A0149	A	P	P	P	P	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	A	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	P	P	P	P	P	P	P
19A35A0118	P	P	P	P	P	A	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	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	P
18A35A0112	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0174	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0181	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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

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18A35A0121	A	P	P	P	P	A	P	P	P	A	P	P	P	P
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	P	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	P	P	A	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	P	P	P	P	P
16A31A0189	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P	A	P

Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Attendance Sheets for Introduction to Environmental Geomechanics

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

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Near Peddapuram, E.G. Dt

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

Co-Ordinator

Resource Person

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HOD-CIVIL

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering

ACADEMIC YEAR : 2019 - 2020

NAME OF THE SPEAKER : A. Raviteja

TITLE OF TRAINING PROGRAM : Introduction to environmental Geomechanics

DATE/VENUE : CF-3 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering

ACADEMIC YEAR : 2019 - 2020

NAME OF THE SPEAKER : A. Raviteja

TITLE OF TRAINING PROGRAM : Introduction to environmental Geo mechanics

DATE/VENUE : CF-3. 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent 4 – Very Good 3 – Average 2 - Poor 1 – Avoid

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

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : Civil Engineering

ACADEMIC YEAR : 2019-2020

NAME OF THE SPEAKER : A. Ravitejia

TITLE OF TRAINING PROGRAM : Introduction to Environmental Geomechanics.

DATE/VENUE : CF-3 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/02/2020

DEPARTMENT : CIVIL

ACADEMIC YEAR : 2019-2020

NAME OF THE SPEAKER : A. Ravteja

TITLE OF TRAINING PROGRAM : Introduction to Environmental Geo-mechanics

DATE/VENUE : CF-3, 27/01/2020

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

Vadde Pradeep
Signature/Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 20/2/2020

DEPARTMENT : Civil

ACADEMIC YEAR : 2019 - 20

NAME OF THE SPEAKER : A - Ravi teja

TITLE OF TRAINING PROGRAM : Introduction to environmental Geomechanics

DATE/VENUE : CF - 3 ; 27/1/2020

Please Evaluate on a scale of 5:

5 - Excellent **4 – Very Good** **3 – Average** **2 - Poor** **1 – Avoid**

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

Signature/ Name of the Student
(Optional)

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DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

KUKKALA RAJU

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

FACULTY INCHARGE

manideep

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FACULTY INCHARGE

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PLASTIC WASTE MANAGEMENT

PROF. BRAJESH KUMAR DUBEY
Department of Civil Engineering
IIT Kharagpur

PRE-REQUISITES : Basic Environmental Science, Basic Differential Equations, Basic Chemistry

INTENDED AUDIENCE : Civil and Chemical Engineering BTech programs, Environmental Engineering and Environmental Science Masters and Doctoral Programs

INDUSTRIES APPLICABLE TO : AECOM, Hamky, 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? 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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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
2	17A31A0104	K.SWETHA	Civil	Feb – March 2019	Yes
3	17A31A0147	PEDDIREDDY NAVEEN REDDY	Civil	Feb – March 2019	Yes
4	17A31A0160	CH. VSVL. PRIYANKA	Civil	Feb – March 2019	Yes
5	17A31A01B4	TILLAPUDI VINAY TEJA	Civil	Feb – March 2019	Yes

Coordinator

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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**

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Feb-Apr 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

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

Plastic Waste Management

with a consolidated score of **81** %

Online Assignments	24.17/25	Proctored Exam	57/75

Total number of candidates certified in this course: **1904**

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A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Feb-Apr 2019
(8 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL19CE07S62090173

To validate and check scores: http://nptel.ac.in/noc

DIGITAL LAND SURVEYING AND MAPPING (DLS&M)

PROF. JAYANTA KUMAR GHOSH
Department of Civil Engineering
IIT Roorkee

TYPE OF COURSE: Rotun | Elective | UG
COURSE DURATION : 8 weeks

PRE-REQUISITES : Basics of Physics and mathematics upto 12th standard and familiarity with use of computer

INTENDED AUDIENCE : Diploma/Degree students in Civil Engineering/Geo-spatial technology; Master/Doctoral 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

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(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 **42** %

Online Assignments	24.58/25	Proctored Exam	17.25/75

Total number of candidates certified in this course: 628

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019
(8 week course)

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL19CE09S32090189

To validate and check scores: http://nptel.ac.in/noc

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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

N.VEERA SOWMYA LAKSHMI

for successfully completing the course

Digital Land Surveying And Mapping (DLS & M)

with a consolidated score of 42 %

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, IIT Roorkee

Feb-Apr 2019
(8 week course)

Indian Institute of Technology Roorkee

swayam

To validate and check scores: http://nptel.ac.in/noc

Roll No: NPTEL19CE09S32090344

PRINCIPAL
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, ECE, 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 I, Part II

Week 3: Communication Protocols: Part III, Part IV, Part V, Sensor Networks: Part I, Part II

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 IoT

Week 12: Industrial IoT (contd), Case Study: Agriculture, Healthcare, Activity Monitoring

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(Recognized by UGC Under Section 2(f) and 12 (B) of UGC act 1956)
Ph: 08852 – 252333, 34, Website: www.pragati.ac.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	EEE	July to October 2019	Yes
20.	17A31A0285	Guntuku Gopi Sri Sai Sidhardha	EEE	July to October 2019	Yes
21.	17A31A0286	Joga Veera Sri Nanda	EEE	July to October 2019	Yes

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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 Bhavani	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

Coordinator

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PRAGATI ENGINEERING COLLEGE
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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: NPTEL19CS65S52170070

To
ERIGILA NITISH KUMAR

1-378, ADB ROAD, PRAGATI ENGINEERING
COLLEGE
SURAMPALEM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :8686465750

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

ERIGILA NITISH KUMAR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68** %

Online Assignments	**24.34/25**	*Proctored Exam*	**43.5/75**

Total number of candidates certified in this course: **7675**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

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

Indian Institute of Technology Kharagpur

swayam

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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. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

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Near Peddapuram, E.G.Dt.

Indian Institute of Technology Kharagpur

swayam

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.

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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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	18A35A0209	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

Coordinator

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Roll No: NPTEL19HS32S62030113

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 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

PINAPOTHU SAI HANVESH

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **82** %

Online Assignments	21.83/25	Proctored Exam	60/75

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

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FREE ONLINE EDUCATION swayam

Roll No: NPTEL19HS32S62030113

To validate and check scores: https://nptel.ac.in/noc

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: NPTEL19HS32S62030115

To
KURAPATI SAI KARTHIK
D.NO:1-378,ADB ROAD, PRAGATI ENGINEERING COLLEGE
SURAMPALEM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :9676365499

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

KURAPATI SAI KARTHIK

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **85** %

Online Assignments	20.67/25	Proctored Exam	64.5/75

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

Indian Institute of Technology Kanpur

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(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM

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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
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

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

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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

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

Week 5:

Lecture 25: Technology And Communication: Technological Paradigm
Lecture 26: Technology And Communication: Mobile Personal Gadget
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

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	17A31A03N7
13	A HARI GANESH	18A35A0304
14	M RAMESH	[illegible]
15	N SAI VAMSI KRISHNA	[illegible]A0312

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

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

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

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

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17A51A031

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
>=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

BODA L NARAYANA VEERA JAGANNADHA SUBHASH

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **75** %

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

Indian Institute of Technology Kanpur

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

swayam

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Roll No: NPTEL19HS32S52030201

To
CH.SAIRAM
2-2-32,TARAK RAMA NAGAR
PITHAPURAM
EAST GODAVARI
ANDHRA PRADESH
533550
PH. NO :8019198676

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

CH.SAIRAM

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of 67 %

Online Assignments	24.50/25	Proctored Exam	42/75

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

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

swayam

Roll No: NPTEL19HS32S52030201

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
IIT Kharagpur

TYPE OF COURSE : Rerun | Elective | UG | PG
PRE-REQUISITES : Basic Thermodynamics

COURSE DURATION : 12 weeks (20 Jul'20 - 09 Oct'20)
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 condensers 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.), Thermoionic 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, Chemical Energy Storage, Fuel cells.
Week 12 : Energy Economics

Energy Conservation and Waste Heat Recovery

COURSE OUTLINE

Estimates from analyses and audits from various industries suggest that 20 to 30% of industrial energy input is lost as waste heat. This waste heat can be in the form of hot exhaust gases, waste fluid streams (from condensers 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.

TOPICS COVERED

Week 1 Introduction to Waste Heat. Importance of Waste Heat Recovery. Review of Thermodynamics. Introduction to First and Second Laws.
Week 2 Review of Thermodynamics – Entropy, Entropy Generation, First and Second Law efficiency.
Week 3 Power Plant Cycles – Energy Cascading, Rankine Cycle, modification of Rankine cycle, examples.
Week 4 Gas Turbine Cycle, Combined Cycle, Combined Gas Turbine-Steam Turbine Power Plant, Heat Recovery Steam Generators.
Week 5 Thermodynamic cycles for low temperature application, Cogeneration. Introduction to Heat Exchangers, Analysis – LMTD and ε-NTU method.
Week 6 Analysis of Heat Exchanger – continued, Problem solving. Special Heat Exchangers for Waste Heat Recovery. Synthesis of Heat Exchanger Network.
Week 7 Heat pipes & Vapor Chambers, Direct conversion technologies – Thermoelectric Generators.
Week 8 Direct conversion technologies – Thermoelectric Generators (contd.), Thermionic conversion, Thermo-PV, MHD.
Week 9 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, Chemical Energy Storage, Fuel 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	NANI REVADA	18A35A0324
3	KAKARAPARTHI TRINADH	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 Kharagpur.
2. **Prof. Anandaroop Bhattacharya** is an Associate Professor of Mechanical Engineering at IIT Kharagpur.

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

18A35A0324

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Roll No: NPTEL19ME60532170094

To
NANI REVADA
8-4,SUBBARAYUDU GUDI VEEDHI,KOTHAPETA
GOLLAPROLU
EAST GODAVARI
ANDHRA PRADESH
533445
PH. NO :9912488043

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

NANI REVADA

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **55** %

Online Assignments	20.38/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **280**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL19ME60532170094

To validate and check scores: https://nptel.ac.in/noc

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

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/

17A31A03M9

Roll No: NPTEL19ME60S32170098

To
TAMANNABOINA BALA RAVI TEJA
1-378 , PRAGATI ENGINEERING COLLEGE,
ADB ROAD, SURAMPALEM
SURAMPALEM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :6281009273

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

TAMANNABOINA BALA RAVI TEJA

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **48** %

Online Assignments	18.38/25	Proctored Exam	30/75

Total number of candidates certified in this course: **280**

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

PRINCIPAL

Indian Institute of Technology Kharagpur

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

Roll No: NPTEL19ME60S32170098

To validate and check scores: https://nptel.ac.in/noc

FUNDAMENTALS OF CONDUCTION AND RADIATION

PROF. AMARESH DALAL
PROF. DIPANKAR N. BASU
[illegible]

TYPE OF COURSE : [illegible]
COURSE DURATION : [illegible]
EXAM DATE : [illegible]

PRE REQUISITES : No specific pre requisite. Fundamental knowledge of Mathematics should be sufficient.

INTENDED AUDIENCE : Undergraduate students of Mechanical Engineering and similar branches. Faculty member associated with Mechanical Engineering. Practicing engineers associated with thermal/power industries.

INDUSTRIES APPLICABLE TO : Heat transfer is a topic of fundamental interest in mechanical engineering and hence any engineering firm & concerned industry should find this course interesting & valuable.

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.

ABOUT INSTRUCTOR :

Prof. Amaresh Dalal is currently an Associate Professor in the Department of Mechanical Engineering of the Indian Institute of Technology, Guwahati. He received his PhD degree from Indian Institute of Technology Kanpur in 2009 and he was Post-doctoral Research Associate at Purdue University from Sep 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. Dalal is now profoundly 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. Dipankar 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 thermalhydraulics, two-phase flow, supercritical 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

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

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
#1-378, MIDHAM(D), SURAMPALEM
(Near Reddapuram), EG(Dt.)(AP) 533437

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Roll No: NPTEL19ME59552030367

To
DASI BENNI
9-113
VALLURU
EAST GODAVARI
ANDHRA PRADESH
533308
PH. NO :9642481381

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

DASI BENNI

for successfully completing the course

Fundamentals of Conduction and Radiation

with a consolidated score of **49** %

Online Assignments	12.50/25	Proctored Exam	36/75

Total number of candidates certified in this course: **176**

Jul-Oct 2019
(12 week course)

Prof. Hemant B Kaushik
Head, Centre for Educational Technology
& NPTEL Coordinator
IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL19ME59552030367

To validate and check scores: https://nptel.ac.in/noc

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

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Roll No: NPTEL19ME59552170120

To
AJJARAPU KRISHNA NIKITH
5/10 ISWARYA RESIDENCY RAMESWARAM ROAD
MADHAVAPATNAM
EAST GODAVARI
ANDHRA PRADESH
533003
PH. NO :7989798375

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)

[redacted]

This certificate is awarded to

AJJARAPU KRISHNA NIKITH

for successfully completing the course

Fundamentals of Conduction and Radiation

with a consolidated score of **43** %

Online Assignments	12.78/25	Proctored Exam	30/75

Total number of candidates certified in this course: **176**

Jul-Oct 2019
(12 week course)

Prof. Hemant B Kaushik
Head, Centre for Educational Technology
& NPTEL Coordinator
IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL19ME59552170120

To validate and check marks: https://nptel.ac.in/noc

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

MANUFACTURING OF COMPOSITES

PROF. J RAMKUMAR
Department of Mechanical Engineering
IIT Kanpur

TYPE OF COURSE : Rerun | Core/Elective | UG/PG
COURSE DURATION : 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 Technlogy, Kanpur. He teaches manufacturing science, micro/nano 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

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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17A31A0389

17-389

Roll No: NPTEL19ME67S52170046

To
KUKKALA YASWANTH TEJA
5-244/3,JAYANTHI NAGAR,SARAPAVARAM
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533005
PH. NO :7993388616

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

KUKKALA YASWANTH TEJA

for successfully completing the course

Manufacturing of Composites

with a consolidated score of **61** %

Online Assignments	24.58/25	Proctored Exam	36/75

Total number of candidates certified in this course: 843

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

To validate and check scores: https://nptel.ac.in/noc

1-378, Near Peddapuram, E.G.Dt. (AP)-533

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2nd ME-R1392

Roll No: NPTEL19ME67552030300

To
AKHIL YUVARAJ MANDA
16-33-45/H,DOLPHINS COLONY,1ST
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 **50** %

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 Kanpur

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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

To validate and check scores: https://nptel.ac.in/noc

PRINCIPLES OF METAL FORMING TECHNOLOGY

PROF. PRADEEP K. JHA
Dept. of Mechanical and Industrial Engineering
IIT Roorkee

TYPE OF COURSE : Rerun | Core | UG/PG
COURSE DURATION : 8 weeks (20 Jul'20 - 11 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 SAIL, BHEL, 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 basic 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 involved 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

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

PRAGATI ENGINEERING COLLEGE

Principles of Metal Forming Technology

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 items. Understanding basic 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

TOPICS COVERED

Week 1 Introduction and classification of metalworking processes. Behavior of materials
Week2 Concept of stress and strain. Hydrostatic and deviatoric stresses
Week 3 Flow curve Yield criteria for ductile materials, plastic stress strain relationships
Week 4 Yielding and ductility during instability. Effect 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	GOLI.HARIKRISHNA	17A31A0379
7	MURALI. KOLLA	17A31A0385
8	SATYA RAMESH KOPPISETTI	17A31A03A8
9	TEKI NAGA SURENDRA	17A31A03B1
10	PREMKUMAR	18A35A0323

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RESOURCE PERSON DETAILS

Prof. Pradeep K. Jha is presently working as Associate Professor in the Department of Mechanical & Industrial Engineering at IIT Roorkee.

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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
533308
PH. NO :9182135433

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

DASARI.DURGA PRASAD

for successfully completing the course

Principles of Metal Forming Technology

with a consolidated score of **60** %

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
IIT Roorkee

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swayam

Roll No: NPTEL19ME52521900063

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377

Roll No: NPTEL19ME52521900093

To
NAGENDRA DUNGA
7-36,SETTI BALIZA STREET
LOVA KOTHURU
EAST GODAVARI
ANDHRA PRADESH
533401
PH. NO :8500979139

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

NAGENDRA DUNGA

for successfully completing the course

Principles of Metal Forming Technology

with a consolidated score of 71 %

Online Assignments	23.33/25	Proctored Exam	48/75

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
IIT Roorkee

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Roll No: NPTEL19ME52521900093

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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 Sep 20)
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 , IIT 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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Near Peddapuram, E.G.Dt. (AP)-533 437

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(Autonomous)
[illegible] Road, Surampalem [illegible] 533 437
[illegible] Affiliated to JNTUK, Kakinada, Accredited by [illegible] with A Grade
(Recognized by UGC Under Sections 2(f) and 12(B) of UGC Act [illegible]
[illegible] 08852- 252231, 32, Website: www.pragati.ac.in

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 STUDENT	ROLL NO
1	KOMMANTI NAVEEN DARAHAS	17A31A0323
2	MEDISETTI PARAMASHIVA	17A31A0330
3	SINGULURI HARSHA VARDHAN	17A31A0345
4	THOTA SAI SARAN	17A31A0352
5	VADAPARTHI SAI UDAY BHANU	17A31A0353
6	MANDAPAKA DATTA RAMA RAO	17A31A0394
7	RAJA NAGENDRA	17A31A03B9
8	CHELLUBOYINA RAVI CHANDRA	17A31A03C1
9	D.SEETHA RAMA RAJU	17A31A03C6
10	HEMANTH GOMATHAM	17A31A03D0
11	K.KARTHIK	17A31A03D5
12	KASI SALEM BOB	[illegible]
13	M.R.V.V.S.DURGA SAI	[illegible]
14	SRINIVAS SEELAM	[illegible]

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15	VANAPARTHI NAGA SAI SABHARISH	17A31A03G8
16	VANDAVALLI ANAND PRASAD KUMAR	17A31A03G9
17	YALLA S V V S S DATTA SESHADRI	17A31A03H2
18	V. RAMA MAHADEVA	17A31A03H5
19	MEDAPATI SUBRAHMANYA PRASAD	17A31A03N8
20	TULASI TILAKSAISRINIVAS	

RESOURCE PERSON DETAILS

Prof.Aysha Iqbal Viswamohan is professor in the Department of Humanities & Social Sciences , IIT Madras.

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12A31A0345

Roll No: NPTEL19HS31521900198

To
SINGULURI HARSHA VARDHAN
23-13-7/1B,SRI 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

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)

[redacted]

This certificate is awarded to

SINGULURI HARSHA VARDHAN

for successfully completing the course

Technical English for Engineers

with a consolidated score of **72** %

Online Assignments	21.67/25	Proctored Exam	50.25/75

Total number of candidates certified in this course: **2734**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

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Near Peddapuram, E.G.D

Indian Institute of Technology Madras

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394

Roll No: NPTEL19HS31S21900200

To
MANDAPAKA DATTA RAMA RAO
5-3-80/4, SEETHAYYA GARI THOTA, VIYDUTH
NAGAR , PITHAPURAM
PITHAPURAM
EAST GODAVARI
ANDHRA PRADESH
533450
PH. NO:6381840149

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

MANDAPAKA DATTA RAMA RAO

for successfully completing the course

Technical English for Engineers

with a consolidated score of 60 %

Online Assignments	19.17/25	Proctored Exam	40.5/75

Total number of candidates certified in this course: 2734

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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(AUTONOMOUS)

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Roll No: NPTEL19HS31S21900200

To validate and check scores: https://nptel.ac.in/noc

FUNDAMENTALS OF MANUFACTURING PROCESSES

PROF. D.K. DWIVEDI
Dept. of Mechanical and Industrial Engineering
IIT Roorkee

TYPE OF COURSE : Rerun | Core | UG/PG
COURSE DURATION : 12 weeks (20 Jul'20 - 09 Oct'20)
EXAM DATE : 18 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

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

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

Ph: 08852-252233, 11, Website: www.pragati.ac.in

Fundamentals of manufacturing processes – Online

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, 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. 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, 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	ROLL NO
1	BHAMIDIPATI SNEHA SRI	17A51A0302
2	KAJA SAI SRI DHARANI	17A51A0304
3	KANDULA ANJANA	17A51A0305
4	TEJASWI NARAHARISETTI	17A51A0306

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5	ANANTHALA PAVAN SAI RAGHU RAM	17A31A0309
6	M RAJA RAJESWARI	17A31A0361
7	MAHBOOB SHAHEEN	17A31A0362
8	NEDUNURI SAI AKHILA AMRUTHA	17A31A0364
9	O VENKATA SATYA RAMYA DEEPTHI	17A31A0365
10	RAGU SATYA ANANTA PRIYA CHANDINI	17A31A0367
11	SAI LATHA PATTA	18A35A0301
12	ARDHANI ABHIMANYU	16A31A0363
13	MANOJ VENKATA KUMAR	17A31A0312
14	DEGALA VEERA VENKATA DURGA KISHORI	17A31A0316
15	KANTIPIDI SRI CHAITHANYA	17A31A0320
16	KOUSHIK KOTHA	17A31A0324
17	K SWAMY	17A31A0326
18	MALI TUSHAR	17A31A0327
19	MSN RAJU	17A31A0328
20	MOGGA YELIA	17A31A0332
21	N SUNILKUMAR	17A31A0334
22	RAAVI NAGAVEERA MANIKANTA	17A31A0339
23	REDDY ACHYUTA SRI SAI	17A31A0341
24	SALADI VEERA VENKATA LAKSHMI NARASIMHA	17A31A0343
25	SASUBELLI AKHIL VINAY	17A31A0344
26	S SANDEEP	17A31A0346
27	SYED ISHAQ MUSHRAN	17A31A0347
28	T AJAYKUMAR	17A31A0351
29	VASAMSETTI VEERA AMARENDRA	17A31A0355
30	VENNETI LAKSHMI NARAYANA	17A31A0357
31	DWARAMPUDI SRI RAMYA SUDHA	17A31A0358
32	KONDETI JAYA DURGANJALI	17A31A0359
33	B POORNA CHANDRA MANOJ	17A31A0371
34	CHADA JITHENDRA SAI RAJA	17A31A0373
35	CHIRINGULA SURESH	17A31A0374
36	DALLI SURYA TEJA REDDY	17A31A0375
37	GADI VENKAT SANDEEP	17A31A0378
38	J RAGHAVENDRA SATYANARAYANA	17A31A0382
39	ANUDEEP ALLANKI	17A31A0386
40	K VENKATASAI	17A31A0387
41	K V V P GOKUL	17A31A0388
42	M V V S P GANESH	17A31A0391
43	MANDAPALLI BALU	17A31A0395
44	N SAI SAMPATH	17A31A0399
45	AJAY	17A31A03A0
46	PAMPANA TEJA SAI RAM	17A31A03A2
47	P ANANDRAJKUMAR	17A31A03A5
48	RAMESWARAPU ANANTHA LAKSHMAN	17A31A03A6
49	TOTAKURA VENKATA VISHNU TEJA	17A31A03B2

50	DADI VEERA VENKATA SAI MANOJ	17A31A03C5
51	LOKESH GUBBALA	17A31A03D2
52	JAGATHA PRAVEEN	17A31A03D3
53	MANIKUMAR JATLA	17A31A03D4
54	VIKAS KOYYALA	17A31A03E1
55	ANAND LANKA	17A31A03E3
56	MADDI MOHAN KALYAN	17A31A03E4
57	PEETHA SURESH	17A31A03E3
58	PILLA MOULI SWAROOP	17A31A03F5
59	SIRIGINEEDI VENKATESH	17A31A03G1
60	CHANDRAKANTH SURYAVAMSI	17A31A03G4
61	MANIKANTA THOTA	17A31A03G5
62	ADABALA SAI SANDEEP	17A31A03H7
63	BANDARU KRANTHI KUMAR	17A31A03I1
64	D SHALEM LIVING STONE	17A31A03I6
65	DEVISETTI SATYA GANGADHAR	17A31A03I7
66	EJJINA SUNIL KUMAR	17A31A03J0
67	GAMPALA JAYA PRAKASH	17A31A03J1
68	G VENKAT	17A31A03J2
69	GOLLAPALLI CHARAN TEJA	17A31A03J5
70	GUDUPALLI CHANDRASEKHAR	17A31A03J6
71	PREM KUMAR GURRALA	17A31A03J7
72	K S G DURGA PRASAD	17A31A03K1
73	KELANGI RAJESH KUMAR	17A31A03K2
74	KONDAPALLI VEERA VENKATA SAI CHANDU	17A31A03K3
75	KONTHAM SURENDRA VARMA	17A31A03K4
76	KORLA VENKATA HARI NADH	17A31A03K5
77	LOKESH SRI SAI V	17A31A03K6
78	MOLLI LAKSHMI VENKATA SAI RAMAKRISHNA	17A31A03L0
79	NEELAM VENKATA RAMANA	17A31A03L4
80	P AYYAPPA	17A31A03L8
81	POLAVARAPU VENKATA DURGA NAVEEN	17A31A03M1
82	P V S S S S M SUMANTH	17A31A03M2
83	S AVINASH	17A31A03M6
84	SEETALA BOBY JONES	17A31A03M7
85	ABDUL WAIZ QURESHI	18A35A0303
86	DADALA MANIKANTA	18A35A0306
87	GANDHAM RAMA GANESH	18A35A0307
88	KONDETI DURGA SAI KIRAN	18A35A0308
89	K N V S SAIKRISHNA	18A35A0309
90	MANTRI LAKSHMINARASIMHAMURTHY	18A35A0310
91	PUVVALA SAI VAMSI	18A35A0313
92	BHAMIDIPATI RAJESH	18A35A0314
93	ENUGANTI NAGA CHAKRA MANIKANTA SIVA	18A35A0315
94	GADHAM SURYAM	18A35A0316

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(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, PIN-533 437

95	SATYA SAI VAMSI GUTTAPUDI	18A35A0317
96	SIDDHARDHA KAKARAPARTHI	18A35A0318
97	KILLAMPALLI MOHAN KUMAR	18A35A0319
98	MARIDI YASWANTH	18A35A0320
99	MOGGA VENKATESH	18A35A0321
100	NAGIREDDI SUMANTH	18A35A0322
101	NARENDRA	18A35A0325
102	V CHARANSAI	18A35A0326
103	ALLAVARAPU DURGA PRASAD	18A35A0327
104	ANUKULA DURGA ANIL	18A35A0328
105	LAKSHMAN NAGA DURGA	18A35A0329
106	BATHI VENKATA SRINIVAS	18A35A0330
107	KOLA MOHAN KUMAR	18A35A0332
108	KONALA NAGENDRA KUMAR	18A35A0333
109	KONDETI PAVAN KUMAR	18A35A0334
110	TATALIPAKALA AJAY	18A35A0335
111	VEMAGIRI ANIL	18A35A0338
112	ANUSURI SRI MAHESH	18A35A0340
113	BABIREDDY VENKATA BHARGAV	18A35A0341
114	MAMIDALA LOKESH SAI RAM	18A35A0344
115	SANGADI OME SWAMY	18A35A0346
116	T SURYA TEJA	18A35A0348
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.

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Roll No: NPTEL19ME44S52170063

To
KAJA SAI SRI DHARANI
FT NO:403,GOKUL GARDENS,NEAR KAMAKSHI
TEMPLE,RAMANAIAH PETA
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533003
PH. NO:9160514666

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

KAJA SAI SRI DHARANI

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of 53 %

Online Assignments	23.44/25	Proctored Exam	30/75

Total number of candidates certified in this course: 1255

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

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1-378, ADB ROAD
Near Peddapuram, E.G. DIST.

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL19ME44S52170063

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DA21A0305

Roll No: NPTEL19ME44552170009

To
KANDULA ANJANA
D.NO:3-18,GANAPATHI TEMPLE STREET
VETLAPALEM
EAST GODAVARI
ANDHRA PRADESH
533434
PH. NO :9603787333

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

KANDULA ANJANA

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of 62 %

Online Assignments	24.06/25	Proctored Exam	38.27/75

Total number of candidates certified in this course: 1255

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2019
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee

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Near Peddapuram, E.G. Dist.

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL19ME44552170009

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

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
17	PALAKURTHI HARSHITHA
18	PYDAH GAYATRI JYOTHIRMAYI

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19	RAYUDU SAILAJA PRIYADARSHINI
20	SOMANA ANIKA ANGEL
21	SRIKAKULAPU VIJAYA RAMA ADILAKSHMI
22	THATHAPUDI PRIYANKA
23	TURLAPATI SAI SYAMALA TEJASWINI
24	VANAPALLI ANUSHA
25	VINNAKOTI SWARNA LATHA VIKAS
26	N YAMIMA RAJLIN
27	Y SAI NIKHILA
28	ABDUL RAZAQ QURESHI
29	ANGARA A S R RADHESYAM
30	AVASARALA SIDDHARTHA
31	B RAM SWAROOP YADAV
32	ANANTAPALLI BHARGAV SURYA KUMAR
33	GARAGA AYYAPPA SWAMY
34	SAI TEJA GOLLAPALLI
35	GOLUGURI SUDHEER KUMAR REDDY
36	KARRI SAI NAGA RAMA KRISHNA
37	KARUTURI SARADHI PRATAP KUMAR
38	KISHORE PALAKONDA
39	MADARAPU BHARATH CHANDRA
40	MEHAR ANKITH BOBBILI
41	MUMMIDI SURYA MANIKANTA CHAKRADHARA RAO
42	NICHENAKOLLA SAI ROHITH
43	PAVAN NOOKALA
44	PALAKURTHI ACHUTHA BAPIRAJU
45	PARAMATA SRINIVAS
46	PENUMALA ARAVIND KUMAR
47	SHAIK KARIMULLA
48	TADI SURYANARAYANA REDDY
49	THOTA PAVAN KALYAN
50	Y PRUDHVI
51	MALLIPALA PRASAD
52	AJJARAPU SIRISHA
53	AKHILA CHEEKATLA
54	ANJANIBALAGAM
55	BAPATLA VEERA VENKATA DURGA BHUVANESWARI
56	BARLA KRISHNA PRIYA
57	CHAMANTHI PREETHI JYOTHSNA
58	SRAVANI CHEBOLU
59	CHEYYETI SRILAXMI DURGA
60	CH SAI RATNANJANI
61	CHITTURI VEERA SATYA LAKSHMI SOWJANYA
62	GARIKIPATI KIRANMAYEESWARI
63	GOLLA SOWMYA
64	GUNNADA BHANU SRAVANI
65	JONNADA SUREKHA
66	KUKKALA USHA PRIYANKA
67	M RAMA TULASI
68	MALLIPUDI DEVIKA NAGA LAKSHMI
69	M LAKSHMI DEVIKA
70	MASABATTULA VENKATA SAI LALITHA CHARISHMA
71	MOKANA JASMINE RANI
72	N MANJU SREE
73	NALAM VASAVI SATVIKA
74	NELAPARTHI SIRISHA
75	NULU SRI SURYA SUNAYANA
76	PADALA SAI CHAKRA VIDHYA MOUNIKA

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78	SAVALAM TULASI DORA
79	SAYYED ANISHA AFRIN
80	SEERAM V V SIVA SAI MADHURI DEVI
81	SHAIK SUHREEN
82	T MRUDULA
83	MANOGNA
84	VARASALA KRISHNA PRIYANKA
85	VATHADI THANUSHA
86	SRIBALA VISHNUVAJHALA
87	Y PRANAYA RAO
88	AMITH RAJ
89	GANGIREDLA TEJASWIRAJ
90	G S S V JEETESH
91	BHASHYAM GSR
92	KARANAM GOPI HEMANTH
93	KARRI LAKSHMI BHASKAR REDDY
94	K SAI MANIKANTA
95	MANIKANTA M V
96	SATISH REDDY
97	NARLA SESHADRI NARAYANA
98	NEKKALA RAKESH
99	ANIRUDH KIRAN
100	SADHANALA HASWANTH
101	U SAI NAGA CHANDU
102	AKASAPU VASUDHA
103	B M K VAISHNAVI
104	SARADAMBICA
105	CHALIKI VEERA KINNERA
106	CHIKKALA LAKSHMI PRIYANKA
107	MONIKA DEVI
108	GOLI SANDHYA
109	JAGADAM MADHUMITHA KIRAN
110	J MANI MADHURI
111	K AMANI SRICHANDANA
112	KORUKONDA BHAGYA SRI
113	KORUKONDA RESHMA SRI
114	SOWJANYA KUSU
115	LINGAM SOWMYA
116	MADHU JAIN
117	MEDISETTI SWATHI PRIYANKA
118	NARAPAREDDY PRASANNA LAKSHMI
119	P KEZIA
120	PUPPALA JAYTHRI SATYA SAI KALYANI
121	MALLIKA PYLA
122	POOJITHA
123	REDDY ROHITA JYOTHI
124	S SAI SOWMYA
125	M SRAVYA KEERTHIKA
126	VANACHARLA AMRUTHA
127	VULLI SRAVYA
128	ADABALA ARAVINDA VIJAYA SWAMY
129	APPIKONDA SAI CHARAN
130	EGALA RAJESH
131	SASTRRYGORTHI
132	GOSU MASTHAN RAO
133	GOTTIPATI HARSHITH PRASAD
134	SRINIVASA RAO GUDE

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135	KHANDAVILLI P S D S R PRASAD
136	K SAI MANOHAR
137	MEDIDA JESSIE STEVEN
138	POSIMSETTY VENKATA SHYAMA SRITEJA
139	SHAIK AFROZ AHAMAD
140	SAI GANESH VUNDI
141	ADAPA ASRITHA
142	ARJI PRATEEKSHA
143	BOJJA LAKSHMI VEERA BHAVANI
144	CHAGANTI VAISHNAVI
145	CHAKRAVARTHULA GAYATRI DESIKA
146	CHAVA MOHANA
147	D BHAVYA SAI SREE
148	DUVVA SAI PRIYANKA
149	KADAJARI BHAGYA SREE
150	KALLA JHANSILAKSHMI
151	KAMIDI MARY HAVILA
152	K CHANDRIKA
153	KATTA RACHAN MAYEE
154	SOWMYA KODURI
155	K L S S V RAMYA
156	MALLADI JYOTHI DHANA KUMARI
157	MEDA GAYATHRI PRIYA
158	M SRI HARSHITHA
159	SONALI
160	MOHAMMAD AYESHA AFREEN
161	NADIMPALLI PRANEETHA
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	P SIVAKUMAR
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

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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
203	MAHAMMAD AAFRIN FARYAL
204	AKHILA MANDAPATI
205	MANDAVILLI SAISRI
206	MARNI SRIVANI
207	FARA JAHAN
208	MONDI KANAKA MAHA LAKSHMI
209	MUNJAVARAPU AAKANKSHA
210	PALIVELA TEJASWINI
211	P SANDHYA DEVI
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
227	MUKTEVI NAGA SAI DURGA KRISHNA PRANAV
228	M SRI PRANEETHAN
229	PARASA VENKATA SAI ADITYA
230	PENTAPALLIVENKATAVINAY
231	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
240	DAKARAPU VENKATESWARA SWAMY
241	M SATYA RAMA KRISHNA
242	T MANIKANTA REDDY
243	ARADHADA SHARIKA
244	R INDRAJA
245	KEERTHANA
246	M SRINIVAS
247	REDDY JNANA MANISHANKAR
248	TUPAKI NAVEEN
249	G VEERA SAI PRASANTH
250	NAVEEN VENKATA KRISHNA REDDY SATHI

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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
263	B. UMA TEJASWINI
264	GEETHA SRI
265	CHANDANALA HARI CHANDANA

LIST OF STUDENTS COMPLETED: 262

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
17	PALAKURTHI HARSHITHA
18	PYDAH GAYATRI JYOTHIRMAYI
19	RAYUDU SAILAJA PRIYADARSHINI
20	SOMANA ANIKA ANGEL
21	SRIKAKULAPU VIJAYA RAMA ADILAKSHMI
22	THATHAPUDI PRIYANKA
23	TURLAPATI SAI SYAMALA TEJASWINI
24	VANAPALLI ANUSHA
25	VINNAKOTI SWARNA LATHA VIKAS
26	N YAMIMA RAJLIN
27	Y SAI NIKHILA
28	ABDUL RAZAQ QURESHI
29	ANGARA A S R RADHESYAM
30	AVASARALA SIDDHARTHA
31	B RAM SWAROOP YADAV
32	ANANTAPALLI BHARGAV SURYA KUMAR
33	GARAGA AYYAPPA SWAMY
34	SAI TEJA GOLLAPALLI
35	GOLUGURI SUDHEER KUMAR REDDY
36	KARRI SAI NAGA RAMA KRISHNA
37	KARUTURI SARADHI PRATAP KUMAR

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38	KISHORE PALAKONDA
39	MADARAPU BHARATH CHANDRA
40	MEHAR ANKITH BOBBILI
41	MUMMIDI SURYA MANIKANTA CHAKRADHARA RAO
42	NICHENAKOLLA SAI ROHITH
43	PAVAN NOOKALA
44	PALAKURTHI ACHUTHA BAPIRAJU
45	PARAMATA SRINIVAS
46	PENUMALA ARAVIND KUMAR
47	SHAIK KARIMULLA
48	TADI SURYANARAYANA REDDY
49	THOTA PAVAN KALYAN
50	Y PRUDHVI
51	MALLIPALA PRASAD
52	AJJARAPU SIRISHA
53	AKHILA CHEEKATLA
54	ANJANIBALAGAM
55	BAPATLA VEERA VENKATA DURGA BHUVANESWARI
56	BARLA KRISHNA PRIYA
57	CHAMANTHI PREETHI JYOTHSNA
58	SRAVANI CHEBOLU
59	CHEYYETI SRILAXMI DURGA
60	CH SAI RATNANJANI
61	CHITTURI VEERA SATYA LAKSHMI SOWJANYA
62	GARIKIPATI KIRANMAYEESWARI
63	GOLLA SOWMYA
64	GUNNADA BHANU SRAVANI
65	JONNADA SUREKHA
66	KUKKALA USHA PRIYANKA
67	M RAMA TULASI
68	MALLIPUDI DEVIKA NAGA LAKSHMI
69	M LAKSHMI DEVIKA
70	MASABATTULA VENKATA SAI LALITHA CHARISHMA
71	MOKANA JASMINE RANI
72	N MANJU SREE
73	NALAM VASAVI SATVIKA
74	NELAPARTHI SIRISHA
75	NULU SRI SURYA SUNAYANA
76	PADALA SAI CHAKRA VIDHYA MOUNIKA
77	PINISETTI PRAVALLIKA
78	SAVALAM TULASI DORA
79	SAYYED ANISHA AFRIN
80	SEERAM V V SIVA SAI MADHURI DEVI
81	SHAIK SUHREEN
82	T MRUDULA
83	MANOGNA
84	VARASALA KRISHNA PRIYANKA
85	VATHADI THANUSHA
86	SRIBALA VISHNUVAJHALA
87	Y PRANAYA RAO
88	AMITH RAJ
89	GANGIREDLA TEJASWIRAJ
90	G S S V JEETESH
91	BHASHYAM GSR
92	KARANAM GOPI HEMANTH
93	KARRI LAKSHMI BHASKAR REDDY
94	K SAI MANIKANTA
95	MANIKANTA M V

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96	SATISH REDDY
97	NARLA SESHADRI NARAYANA
98	NEKKALA RAKESH
99	ANIRUDH KIRAN
100	SADHANALA HASWANTH
101	U SAI NAGA CHANDU
102	AKASAPU VASUDHA
103	B M K VAISHNAVI
104	SARADAMBICA
105	CHALIKI VEERA KINNERA
106	CHIKKALA LAKSHMI PRIYANKA
107	MONIKA DEVI
108	GOLI SANDHYA
109	JAGADAM MADHUMITHA KIRAN
110	J MANI MADHURI
111	K AMANI SRICHANDANA
112	KORUKONDA BHAGYA SRI
113	KORUKONDA RESHMA SRI
114	SOWJANYA KUSU
115	LINGAM SOWMYA
116	MADHU JAIN
117	MEDISETTI SWATHI PRIYANKA
118	NARAPAREDDY PRASANNA LAKSHMI
119	P KEZIA
120	PUPPALA JAYTHRI SATYA SAI KALYANI
121	MALLIKA PYLA
122	POOJITHA
123	REDDY ROHITA JYOTHI
124	S SAI SOWMYA
125	M SRAVYA KEERTHIKA
126	VANACHARLA AMRUTHA
127	VULLI SRAVYA
128	ADABALA ARAVINDA VIJAYA SWAMY
129	APPIKONDA SAI CHARAN
130	EGALA RAJESH
131	SASTRRYGORTHI
132	GOSU MASTHAN RAO
133	GOTTIPATI HARSHITH PRASAD
134	SRINIVASA RAO GUDE
135	KHANDAVILLI P S D S R PRASAD
136	K SAI MANOHAR
137	MEDIDA JESSIE STEVEN
138	POSIMSETTY VENKATA SHYAMA SRITEJA
139	SHAIK AFROZ AHAMAD
140	SAI GANESH VUNDI
141	ADAPA ASRITHA
142	ARJI PRATEEKSHA
143	BOJJA LAKSHMI VEERA BHAVANI
144	CHAGANTI VAISHNAVI
145	CHAKRAVARTHULA GAYATRI DESIKA
146	CHAVA MOHANA
147	D BHAVYA SAI SREE
148	DUVVA SAI PRIYANKA
149	KADAJARI BHAGYA SREE
150	KALLA JHANSILAKSHMI
151	KAMIDI MARY HAVILA
152	K CHANDRIKA
153	KATTA RACHAN MAYEE

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

154	SOWMYA KODURI
155	K L S S V RAMYA
156	MALLADI JYOTHI DHANA KUMARI
157	MEDA GAYATHRI PRIYA
158	M SRI HARSHITHA
159	SONALI
160	MOHAMMAD AYESHA AFREEN
161	NADIMPALLI PRANEETHA
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	P SIVAKUMAR
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
203	MAHAMMAD AAFRIN FARYAL
204	AKHILA MANDAPATI
205	MANDAVILLI SAISRI
206	MARNI SRIVANI
207	FARA JAHAN
208	MONDI KANAKA MAHA LAKSHMI
209	MUNJAVARAPU AAKANKSHA
210	PALIVELA TEJASWINI
211	P SANDHYA DEVI

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

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
227	MUKTEVI NAGA SAI DURGA KRISHNA PRANAV
228	M SRI PRANEETHAN
229	PARASA VENKATA SAI ADITYA
230	PENTAPALLIVENKATAVINAY
231	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
240	DAKARAPU VENKATESWARA SWAMY
241	M SATYA RAMA KRISHNA
242	T MANIKANTA REDDY
243	ARADHADA SHARIKA
244	R INDRAJA
245	KEERTHANA
246	M SRINIVAS
247	REDDY JNANA MANISHANKAR
248	TUPAKI NAVEEN
249	G VEERA SAI PRASANTH
250	NAVEEN VENKATA KRISHNA REDDY SATHI
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

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

Coordinator

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

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Roll No: NPTEL19HS32S52030219

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 71 %

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 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

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

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19HS32S52030219

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19HS32S52030221

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	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

B SOWMYA SRI LIKHITHA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **72** %

Online Assignments	23.50/25	Proctored Exam	48.75/75

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)

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

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19HS32S52030221

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19HS32S52170014

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)

This certificate is awarded to

NAIDANA SUNEEL KUMAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **79** %

Online Assignments	23.67/25	Proctored Exam	55.5/75

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

Indian Institute of Technology Kanpur

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

FREE ONLINE EDUCATION swayam

Roll No: NPTEL19HS32S52170014

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19HS32S52170018

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 64 %

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)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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

swayam

Roll No: NPTEL19HS32S52170018 To validate and check scores: https://nptel.ac.in/noc

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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 **84** %

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)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL19HS32S52170020 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

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 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. 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 Ability to analyze and design filters 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
6	AVUGANTI VENKATA KALYANI
7	BONDUGULA SUVARNA ROY

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

8	M.N V V SATYAVATHI
9	AKANKSHA MISHRA
10	A G SRAVANTHI
11	ASHA CHANDINI BADAM
12	CH NIRCHITHA CHOWDARY
13	CHEBOLU SAILAJA
14	VISALA CHIRRAVURI
15	DWARA SRAVANI LAKSHMI
16	KANURI YAMUNA DURGA MALATHI
17	KATTA RESHMA
18	KATURI CLEIA SREE

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

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 motor using simulation and experiment

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Roll No: NPTEL19EE39S62030845

To
MAGAPU CHAKRA DHARANI
D. NO:7/17
GONGURA STREET
SOMESWARAM
EAST GODAVARI
ANDHRA PRADESH
533261
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

NPTEL Online Certification

(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 64 %

Online Assignments	21.09/25	Proctored Exam	42.86/75

Total number of candidates certified in this course: 220

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jul-Oct 2019
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

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

swayam

Roll No: NPTEL19EE39S62030845

To validate and check scores: https://nptel.ac.in/noc

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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

NPTEL Online Certification

(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 **65** %

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
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

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

swayam

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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 **77** %

Online Assignments	23.53/25	Proctored Exam	53.57/75

Total number of candidates certified in this course: **220**

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jul-Oct 2019
(12 weeks course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

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

swayam

Roll No: NPTEL19EE39S62170132

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19EE39S62170134

To
SHYAMKUMAR
12-1-45,CINEMA CENTER,PEDDAPURAM, EAST GODAVARI
PEDDAPURAM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :7673959046

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)

TOP TOPPER 5%

This certificate is awarded to

SHYAMKUMAR

for successfully completing the course

Op-Amp Practical Applications: Design, Simulation and Implementation

with a consolidated score of **86** %

Online Assignments	22.97/25	*Proctored Exam*	62.75/75

Total number of candidates certified in this course: **220**

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jul-Oct 2019
(12 week course)

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

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Indian Institute of Science Bangalore

FREE ONLINE EDUCATION swayam

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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 **75** %

Online Assignments	21.91/25	*Proctored Exam*	53.57/75

Total number of candidates certified in this course: **220**

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Jul-Oct 2019
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

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

Indian Institute of Science Bangalore

swayam

To validate and check scores: https://nptel.ac.in/noc

Roll No: NPTEL19EE39S62170138

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

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 SRAVANTHI

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

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 others

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.

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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	36/75

Total number of candidates certified in this course: **1031**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

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

Jul-Sep-2019
(8 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

Roll No: NPTEL19ME74S11900384 To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19ME74S12000159

To
B.ANU PRAVALLIKA
1-228/9, SIDDHARTHA NAGAR
ROAD 6, RAYUDUPALEM
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533003
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 **57** %

Online Assignments	23.75/25	Proctored Exam	33/75

Total number of candidates certified in this course: **1031**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

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

Jul-Sep 2019
(8 week course)

Indian Institute of Technology Kharagpur

swayam

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Roll No: NPTEL19ME74S12000161

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, 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

N.MOUNAJA

for successfully completing the course

Robotics

with a consolidated score of **69** %

Online Assignments	23.75/25	Proctored Exam	45/75

Total number of candidates certified in this course: **1031**

July-Sep, 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

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

Indian Institute of Technology Kharagpur

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Roll No: NPTEL19ME74S12000163

To
BONDUGULA SUVARNA ROY
D.NO 3-41, VEERAJUPETA, 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

with a consolidated score of 55 %

Online Assignments	24.58/25	Proctored Exam	30/75

Total number of candidates certified in this course: 1031

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Sep 2019
(8 week course)

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

Indian Institute of Technology Kharagpur

swayam

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Roll No: NPTEL19ME74S12000167

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

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

AVUGANTI VENKATA KALYANI

for successfully completing the course

Robotics

with a consolidated score of **71** %

Online Assignments	24.58/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **1031**

Jul-Dec 2019
(8 week course)

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

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

PRAGATI ENGINEERING COLLEGE

1-378, ADB Road, Surampalem-533437

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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

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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	P SAMHITH
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	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	P SAMHITH
25	PALACHARLA VARALAKSHMI
26	KOLLA SAI VENKATA NUTAN KUMAR

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
IIT 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 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. 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 !!

19-20

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Roll No: NPTEL19CS41S52170062

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)

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

FREE ONLINE EDUCATION swayam

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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

The Joy of Computing Using Python

with a consolidated score of **88** %

Online Assignments	24.25/25	Programming Exam	25/25	Proctored Exam	39/50

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)

PRINCIPAL
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

swayam

Roll No: NPTEL19CS41S52170064

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19CS41S52170066

To
P.RAJA REDDY
11-141
MAIN ROAD
KONKUDURU
EAST GODAVARI
ANDHRA PRADESH
533345
PH. NO :9553539646

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)

TOP TOPPER 2%

This certificate is awarded to

P.RAJA REDDY

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **92** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	42/50

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)

PRINCIPAL
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

swayam

Roll No: NPTEL19CS41S52170066

To validate and check scores: https://nptel.ac.in/noc

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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
<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

BALUSU LAKSHMI SOWJANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	23.25/25	Programming Exam	25/25	Proctored Exam	22/50

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)

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

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

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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
<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

BALUSU LAKSHMI SOWJANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	23.25/25	Programming Exam	25/25	Proctored Exam	22/50

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)

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

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19CS41S62030464

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19CS41S62030508

To
P V S S SUREKHA
D-NO:12-2-234/A,DANTUVARI
STREET,SURYARAOPET,KAKINADA.
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533001
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

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

P V S S SUREKHA

for successfully completing the course

The Joy of Computing Using Python

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 Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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

swayam

Roll No: NPTEL19CS41S62030508

To validate and check scores: https://nptel.ac.in/noc

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
IBM

Technical Partner IBM

TYPE OF COURSE : Rerun | Elective | UG/ **COURSE DURATION** : 12 weeks
INTENDED AUDIENCE : PG CSE, ECE, EE, Maths
INDUSTRIES APPLICABLE TO : 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, IoT 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. Sandip 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, IIT Kharagpur.

Dr. 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 : AI, Blockckahin and Big Data

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

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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(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 CLEARED

S.NO	ROLL.NO	NAME	COURSE TITLE	RESULT
1	17A31A0528	SETTIPALLI DHARANI	Blockchain Architecture Design and Use Cases - Online	Successfully completed
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

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

SAMPLE CERTIFICATES

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Roll No: NPTEL19CS63S62030736

To
BANISETI N V V SURYA SAI GANESH
18-4-13
BOPPEVARI STREET
PEDDAPURAM-533437
PEDDAPURAM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :7093453003

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

BANISETI N V V SURYA SAI GANESH

for successfully completing the course

Blockchain Architecture Design and Use Cases

with a consolidated score of 52 %

Online Assignments	20.97/25	*Proctored Exam*	31.13/75

Total number of candidates certified in this course: 460

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL19CS63S62030736

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19CS63S62030716

To
ANURADHA THATAVARTHY
DOOR NO:23-7-7/G7 DUGGIRALIVARI STREET
,SATYA APPARTMENTS
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533001
PH. NO:7989657062

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

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**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

Indian Institute of Technology Kharagpur

Roll No: NPTEL19CS63S62030716

To validate and check scores: https://nptel.ac.in/noc

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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
IIT Madras

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 IIT 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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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 ENROLLED

Sl.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 SOWMYA

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(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

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

37	17A31A0541	SURYAKANTH GOLLAPALLI
38	17A31A0513	KANTIPUDI JYOTHIRMAI
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	ROLL.NO	NAME	COURSE TITLE	RESULT
1	17A31A0534	CH S R SURYA TEJA	Practical Machine Learning	Elite
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	Elite
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 completed
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	Practical Machine Learning	Successfully

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

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

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Roll No: NPTEL19CS81S32170089

To
CHANDINI GELLA
1-60,NANDHI CENTRE
THONDANGI
EAST GODAVARI
ANDHRA PRADESH
533408
PH. NO :6281557889

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

CHANDINI GELLA

for successfully completing the course

Practical Machine Learning with Tensorflow

with a consolidated score of 49 %

Online Assignments	19.25/25	Proctored Exam	30/75

Total number of candidates certified in this course: 761

Devendra Jalihal
Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Aug-Oct 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras Google swayam

Roll No: NPTEL19CS81S32170089 To validate and check scores: https://nptel.ac.in/noc

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

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Roll No: NPTEL19CS81S32170093

To
AFREEN JAHA
DOORNUMBER:13-1240/A,FLATNUMBER:S2,KARTHIKEYA
RESIDENCY,HUKKUMPETA-RAJAHMUNDRY
RAJAMAHENDRAVARAM
EAST GODAVARI
ANDHRA PRADESH
533107
PH.NO:7720911583

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

AFREEN JAHA

for successfully completing the course

Practical Machine Learning with Tensorflow

with a consolidated score of 48 %

Online Assignments	18.21/25	Proctored Exam	30/75

Total number of candidates certified in this course: 761

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Aug-Oct 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras Google swayam

Roll No: NPTEL19CS81S32170093 To validate and check scores: https://nptel.ac.in/noc

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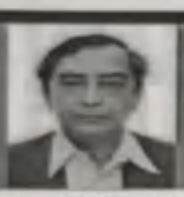
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

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
IIT Kharagpur

TYPE OF COURSE : Rerun | Core | UG/PG
COURSE DURATION : 8 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%), C#(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 C++

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

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

Learning is Supreme Deity

LIST OF STUDENTS ENROLLED

S.NO	ROLL.NO	NAME
1	18A31A0534	Bhupathiraju Chalapathi Naga V
2	18A31A0517	Mogga Lalitha Priyanka
3	18A31A0525	Nava Sahitha Undavalli
4	18A31A0593	Allam Ganga Pradeep
5	18A35A0502	Nagini Pabolu
6	18A31A0552	Salapaka Datta Sai Vinay
7	18A31A0511	Katari Sai Hari Priya
8	18A31A0516	Meka Gowthami Priya
9	18A31B0517	Kunche Kavya
10	18A31A0531	Vinay
11	18A31A0520	Mohitha Pepakayala
12	18A31A0519	Palepu Shivani
13	18A31A0502	Nandini Siva Lavanya Bade
14	18A31A0504	Geddam Mounika
15	17A31A0537	Pavan Venkat Sai.Devada

LIST OF STUDENTS CLEARED

S.NO	ROLL.NO	NAME	COURSE TITLE	RESULT
1	18A31A0534	BHUPATHIRAJU CHALAPATHI NAGA V	Programming In C++	Silver
2	18A31A0531	VINAY	Programming In C++	Successfully completed
3	18A31A0552	SALAPAKA DATTA SAI VINAY	Programming In C++	Silver

Coordinator

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

SAMPLE CERTIFICATES

Roll No: NPTEL19CS10S11840055

To PRAGATI 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
* Both conditions have to be satisified		

No. of credits recommended by NPTEL: 2

Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

TOP TOPPER 5%

This certificate is awarded to

BHUPATHIRAJU CHALAPATHI NAGA V

for successfully completing the course

PROGRAMMING IN C++

with a consolidated score 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

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

Jan - Mar 2019
(8 week course)

swayam

Roll No: NPTEL19CS10S11840055

To validate and check scores: http://nptel.ac.in/noc

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

Roll No: NPTEL19CS10S11840336

To PRAGATI 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
* Both conditions have to be satisified		

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	16.75/25	Programming Exam	10.75/25	Proctored Exam	15.63/50

Total number of candidates certified in this course: 2143

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur

Jan - Mar 2019
(8 week course)

swayam

Roll No: NPTEL19CS10S11840336

To validate and check scores: www.nptel.ac.in/noc

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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
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

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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: Develcping Trust And Integrity

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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

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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

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SAMPLE CERTIFICATES

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Roll No: NPTEL19HS32S62030015

To
LANKA SUNDAR PRASANNA KUMAR
D-NO:9-296,
INDIRA COLONY,
RAMANAYYAPETA
KAKINADA
EAST GODAVARI
ANDHRA PRADESH
533005
PH. NO :8639099159

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

LANKA SUNDAR PRASANNA KUMAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of 64 %

Online Assignments	11.83/25	Proctored Exam	51.75/75

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)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19HS32S62030015

To validate and check scores: https://nptel.ac.in/noc

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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: NPTEL19HS32562030569

To
AKELLA VIKAS
D.NO:44-3-3/2, PRATAP NAGAR
RAJAHMUNDRY
EAST GODAVARI
ANDHRA PRADESH
533004
PH. NO:9110542735

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

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
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

swayam

Roll No: NPTEL19HS32562030569

To validate and check scores: https://nptel.ac.in/noc

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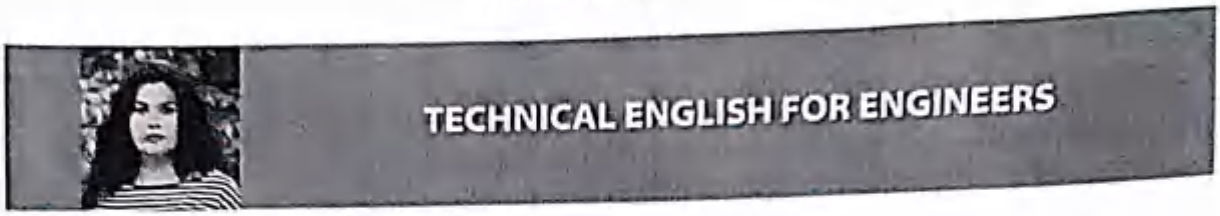
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2019-20
Technical English For Engineers
BROCHURE



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. Website:www.pragati.ac.in

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LIST OF STUDENTS ENROLLED

S.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
24.	17A31B0520	Kothapalli Mallika Sri
25.	17A31B0513	Venika Lakshmi Prada.Katta
26.	17A31A0512	Kanisetti Kanaka Naga Vijaya Lakshmi
27.	17A31A0561	B.Satya Naga Malleswari
28.	17A31A0581	Padala Vijaya Lakshmi

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29.	17A31A0591	Siddanthapu Deepika
30.	17A31A05A1	B. Shanmukha Avinash
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
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
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
56.	17A31B0529	Nanduri Vinayamrutha
57.	17A31B0531	Peddireddy Sowmya
58.	17A31B0535	Ummidi Chandana Devi
59.	17A31B0517	Kona Jahnavi
60.	17A31A0573	Maddukuri Lakshmi Surekha
61	17A31A0580	Nulu Kalki Sowmya

Coordinator

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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 SAI.DEVADA	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	BHAVAGNYA SAI NAVUDU	Technical english for engineers	Elite
20.	17a31b0527	N.VENKATA SAT[illegible]	Technical english for engineers	Elite
21.	17A31B0515	KINTHADA VE[illegible] ANURADHA	[illegible]ical english for engineers	Elite

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22.	17A31B0513	VENIKA LAKSHMI PRADA.KATTA	Technical english for engineers	Elite
23.	17A31A0512	KANISETTI KANAKA NAGA VIJAYA LAKSHMI	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	SRAVANTH	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
46.	17A31A0521	SRAVANI PADALA	Technical english for engineers	Elite
47.	17A31B0502	BANDARU SUBHA SRI LAKSHMI	Technical english for engineers	Elite
48.	17A31B0511	K.MADHURI HEPZIBAH	Technical english for engineers	Elite+Silver

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22.	17A31B0513	VENIKA LAKSHMI PRADA.KATTA	Technical english for engineers	Elite
23.	17A31A0512	KANISETTI KANAKA NAGA VIJAYA LAKSHMI	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	SRAVANTH	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
46.	17A31A0521	SRAVANI PADALA	Technical english for engineers	Elite
47.	17A31B0502	BANDARU SUBHA SRI LAKSHMI	Technical english for engineers	Elite
48.	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
61	17A31A0580	NULU KALKI SOWMYA	Technical english for engineers	Elite+Silver

Coordinator

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SAMPLE CERTIFICATES

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Roll No: NPTEL19HS31521900194

To
PAVAN VENKAT SAI.DEVADA
7-11,CHAITANYA NAGAR,VEMULAPUDI
NARSIPATNAM
VISHAKHAPATNAM
ANDHRA PRADESH
531117
PH. NO :7093486332

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

PAVAN VENKAT SAI.DEVADA

for successfully completing the course

Technical English for Engineers

with a consolidated score of 66 %

Online Assignments	22.50/25	Proctored Exam	43.5/75

Total number of candidates certified in this course: 2734

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL19HS31521900194

To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL19HS31S12000075

To
G. ALEKHYA
[illegible]
[illegible]
EAST GODAVARI
ANDHRA PRADESH
[illegible]
[illegible]

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

G. ALEKHYA

for successfully completing the course

Technical English for Engineers

with a consolidated score of 58 %

Online Assignments	17.50/25	Proctored Exam	40.13/75

Total number of candidates certified in this course: 2734

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Jul-Sep 2019
(8 week course)

Prof. Deepak Phatak
Chairman
Kanwal for Continuing Education, IITM

swayam

Roll No: NPTEL19HS31S12000075

To validate and check scores: https://nptel.ac.in/noc

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Ethical Hacking

By Prof. Indranil Sen Gupta | IIT Kharagpur

Learners enrolled: 46670

Ethical hacking is a subject that has become very important in present day context, and can help individuals and organizations 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.

INTENDED AUDIENCE: Computer Science and Engineering / Information Technology / Electronics and Communication / Electrical Engineering
PRE-REQUISITES: Basic concepts in programming and networking
INDUSTRY SUPPORT: TCS, Wipro, CTS, Google, Microsoft, Qualcomm

Summary

Course Status :	Completed
Course Type :	Elective
Duration :	12 weeks
Start Date :	29 Jul 2019
End Date :	18 Oct 2019
Exam Date :	16 Nov 2019 IST
Category :	Computer Science and Engineering
Credit Points :	3
Level :	Undergraduate

This is an AICTE approved FDP course

PROF. INDRANIL SENGUPTA
Dept. of Computer Science and Engineering
IIT Kharagpur

INTENDED AUDIENCE : Computer Science and Engineering / Information Technology / Electronics and Communication Engineering / Electrical Engineering

PREREQUISITES : Basic concepts in programming and networking

INDUSTRIES APPLICABLE TO : 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 organizations 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

Prof. Indranil Sengupta has obtained his B.Tech., M.Tech. and Ph.D. degrees in Computer Science and Engineering from the University of Calcutta. He joined the Indian Institute of Technology, Kharagpur, as a faculty member in 1988, 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 experience. 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 Chairs of Asian Test Symposium (ATS-2005), International Conference on Cryptology in India (INDOCRYPT-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.

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COURSE PLAN

Week 1: Introduction to ethical 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, whois, host, dig, dnsenum 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.

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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 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

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Roll No: NPTEL19CS68S32030328

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 **60** %

Online Assignments	23.00/25	*Proctored Exam*	37/75

Total number of candidates certified in this course: **2097**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam

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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
<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

PREKSHA JAIN

for successfully completing the course

Ethical Hacking

with a consolidated score of **64** %

Online Assignments	24.06/25	Proctored Exam	39.75/75

Total number of candidates certified in this course: **2097**

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2019
(12 week course)

Indian Institute of Technology Kharagpur

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FREE ONLINE EDUCATION swayam

Developing Soft Skills and Personality

By Prof. T. Ravichandran | IIT Kanpur

Learners enrolled: 50403

Summary

Course Status :	Completed
Course Type :	Elective
Duration :	8 weeks
Start Date :	26 Aug 2019
End Date :	18 Oct 2019
Exam Date :	17 Nov 2019 IST
Category :	Humanities and Social Sciences
Credit Points :	3
Level :	Undergraduate

This is an AICTE approved FDP course

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 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.

INTENDED AUDIENCE: Students, Teachers, Professionals, Trainers, Leaders, Employers

PRE-REQUISITES : Nil

INDUSTRY SUPPORT : All industry/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

Course layout

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

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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 Assessement-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

Books and references

Dorch, Patricia. *What Are Soft Skills?* New York: Execu Dreta Publisher, 2013.

Klimkiewicz, Maxine. *Soft Skills Revolution: A Guide for Connecting with Compassion for Trainers, Teams, and Leaders.* Washington, DC: Pfeiffer & Company, 2013.

Klaus, Peggy, Jane Rohman & Molly Hamaker. *The Hard Truth about Soft Skills.* London: HarperCollins E-books, 2007.

Patel S. J., Francis. *Soft Skills and Professional Communication.* New Delhi: Tata McGraw-Hill Education, 2011.

Stein, Steven J. & Howard E. Book. *The EQ Edge: Emotional Intelligence and Your Success.* Canada: Wiley & Sons, 2001.

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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 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	KOTHAPALLI PAVANKALYAN
6	17A31A1249	KALAGARLA SUNILKUMAR
7	17A31A1250	NELA SNEHITH
8	17A31A1251	YELURI ROHIT KUMAR
9	17A31A1254	SUNKARA SIVARAMAKRISHNA
10	17A31A1256	VENNALA MOHANARAO
11	17A31A1257	VUNDAVALLI VIVEK

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1241	ANDRA PRASAD	Developing Soft Skills and Personality – Online	Elite
2	17A31A1242	BATHULA LOKESH SURYA VAMSI	Developing Soft Skills and Personality – Online	Elite
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+Silver

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

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Roll No: NPTEL19HS32S62030463

To
SUNKARA SIVARAMAKRISHNA
PRAGATI ENGINEERING COLLEGE HOSTEL,,
SURAMPALEM ADB ROAD,PEDDAPURAM MANDAL
SURAM
PEDDAPURAM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :8309284750

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

SUNKARA SIVARAMAKRISHNA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **75** %

Online Assignments	23.83/25	Proctored Exam	51/75

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

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

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Roll No: NPTEL19HS32S62030527

To
SUNIL KUMAR KALAGARLA
PRAGATI ENGINEERING COLLEGE
HOSTEL, SURAMPALEM, ADB ROAD
PEDDAPURAM MANDAL,
PEDDAPURAM
EAST GODAVARI
ANDHRA PRADESH
533437
PH. NO :9581945278

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

SUNIL KUMAR KALAGARLA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **77** %

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

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The Joy of Computing using Python

By Prof.Sudarshan Iyengar | IIT Ropar

Learners enrolled: 57909

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. 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.

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

Summary

Course Status :	Completed
Course Type :	Elective
Duration :	12 weeks
Start Date :	29 Jul 2019
End Date :	18 Oct 2019
Exam Date :	17 Nov 2019 IST
Category :	• Computer Science and Engineering
Credit Points :	3
Level :	Undergraduate

This is an AICTE approved FDP course.

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THE JOY OF COMPUTING USING PYTHON

PROF. SUDARSHAN IYENGAR
Department of Computer Science and Engineering
IIT 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 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. 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 !!

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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 PARTICIPATED

S.No	Roll No.	Name of the Student
1	18A31A1201	AMCHURI CHAITRAJA
2	18A31A1206	SOWMIKA.IJJUROTULA
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	18A31A1226	SATTI GEETHIKA
11	18A31A1228	SWARUPA MOHAPATRA
12	18A31A1230	UNGARALA MADHU YAMINI
13	18A31A1231	MADHURI
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 using Python – Online	Elite
6	18A31A1210	KOVVURIGOWTHAMIREDDY	The Joy of Computing using Python – Online	Elite
7	18A31A1226	SATTI GEETHIKA	The Joy of Computing using Python – Online	Elite+Silver
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	The Joy of Computing using Python – Online	Elite
11	18A31A1230	UNGARALA MADHU YAMINI	The Joy of Computing using Python – Online	Elite

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Roll No: NPTEL19CS41S62030478

To
TETALI ANANTHA LAKSHMIPRIYA
8-174/A
TADI ADIYYA STREET
ANAPARTHI
EAST GODAVARI
ANDHRA PRADESH
533342
PH. NO :9381189717

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

TETALI ANANTHA LAKSHMIPRIYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	22/25	Programming Exam	25/25	Proctored Exam	23/50

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)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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

swayam

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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
<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

BALUSU LAKSHMI SOWJANYA

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **70** %

Online Assignments	23.25/25	Programming Exam	25/25	Proctored Exam	22/50

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)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

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

swayam

PROGRAMMING IN JAVA

PROF. DEBASIS SAMANTA
Department of Computer Science and Engineering
IIT Kharagpur

PRE-REQUISITES : This course requires that the students are familiar with programming language such as C/C++ and data structures, algorithms.

INTENDED AUDIENCE : The undergraduate students from the engineering disciplines namely CSE, IT, EE, ECE, etc. might be interested for this course.

INDUSTRIES APPLICABLE TO : All IT companies.

COURSE OUTLINE :
With the growth of Information and Communication Technology, there is a need to develop large and complex software. Further, those software should be platform independent, Internet enabled, easy to modify, 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 compatible to distributed systems. This course aims to cover the essential 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 field of studies.

ABOUT INSTRUCTOR :
Prof. Debasis Samanta holds a Ph.D. in Computer Science and Engineering from Indian Institute of Technology Kharagpur. His research interests and work experience spans the areas of Computational Intelligence, Data Analytics, Human Computer Interaction, Brain Computing and Biometric Systems. Prof. Samanta currently works as a faculty member at the Department of Computer Science Engineering at IIT Kharagpur.

COURSE PLAN :

Week 1: Overview of Object-Oriented Programming and Java

Week 2: Java Programming Elements

Week 3: Input-Output Handling in Java

Week 4: Encapsulation

Week 5: Inheritance

Week 6: Exception Handling

Week 7: Multithreaded Programming

Week 8: Java Applets and Servlets

Week 9: Java Swing and Abstract Windowing Toolkit (AWT)

Week 10: Networking with Java

Week 11: Java Object Database Connectivity (ODBC)

Week 12: Interface and Packages for Software Development

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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 PARTICIPATED

S.No	Roll No.	Name of the Student
1	18A31A1203	Bandi Mahitha Reddy
2	18A31A1225	Mummani Sai Sri
3	19A35A1201	Duvva Mounika
4	18A31A1223	Rowthu Ramya
5	18A31A1230	UNGARALA MADHU YAMINI
6	18A31A1212	Lakamsani Pavani Lakshmi
7	18A31A1209	Korlapati SanjuSri
8	18A31A1226	Satti Geethika
9	18A31A1250	Narayanam Hemanth Kumar

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

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Roll No: NPTEL20CS08S1070965

To
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)

Covid-19 Impacted January 2020 semester

This certificate is awarded to

BANDI MAHITHAREDDY

for passing the course

Programming in Java

*with Score** **97** %

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2020
(12 week course)

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

Indian Institute of Technology Kharagpur

swayam

*Continuous online assessment score To validate and check scores: https://nptel.ac.in/noc

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Roll No: NPTEL20CS08S1127540

To
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)

Covid-19 Impacted January 2020 semester

This certificate is awarded to

MUMMANI SAI SRI

for passing the course

Programming in Java

*with Score** 96 %

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2020
(12 week course)

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Indian Institute of Technology Kharagpur

swayam

*Continuous online assessment score

To validate and check scores: https://nptel.ac.in/noc