

4 FOUR-WEEK VALUE ADDED
PROGRAM
ON
MATLAB & SIMULINK FOR
ELECTRICAL ENGINEERS

(November 23rd to March 9th, 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]

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. Satyanarayana
Head of the Department, EEE.

Coordinator

Mrs. K. Sandhya Rani
Assistant Professor, EEE.

For any enquiry contact:

Mobile No: 795316794

E mail: hodeeee@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)



4 FOUR-WEEK VALUE ADDED
PROGRAM

ON

MATLAB & SIMULINK FOR
ELECTRICAL ENGINEERS
(November 23rd to March 9th, 2019)



Organized by **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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ACBQ No. 43, Surampalem, E.G.Dt. (AP) - 533 437

Approved by AICTE, Perumugur, Andhra Pradesh (2011). Recognized by NAAAC with 'A' Grade.
Recognized by UGC, New Delhi (2014). Affiliated to JNTU, Hyderabad (2016).
Website: www.pragati.ac.in

Department of Electrical and Electronics Engineering

Date: 20/11/2018

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 23/11/2018 to 09/03/2019. All the interested students are requested to register their names in the department office on or before 22/11/2018. The details of the program will be available in the brochure.


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


HOD -EEE



Copy to:

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


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(Recognized by UGC Under Sections 2(f) and 12(B) of UGC Act 1956)
Ph: 08532 - 532333-34 Website: www.pragati.ac.in

Date: 22/11/2018

Week/Day-wise Schedule

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

S.No	Day	Date	Topics to be covered
1.	Friday	23/11/2018	MATLAB desktop
2.	Saturday	24/11/2018	Desktop tools
3.	Friday	30/11/2018	Basic Plotting
4.	Saturday	01/12/2018	Animations
5.	Friday	07/12/2018	Working with matrices
6.	Saturday	08/12/2018	Array operations and linear equations
7.	Friday	14/12/2018	Introduction to Programming in MATLAB
8.	Friday	21/12/2018	Excercises
9.	Saturday	22/12/2018	M file scripts
10.	Friday	28/12/2018	M-file functions
11.	Saturday	29/12/2018	Input/output commands
12.	Friday	04/01/2019	Excercises
13.	Saturday	05/01/2019	Control flow and operations
14.	Friday	11/01/2019	Relational and logical operators
15.	Saturday	12/01/2019	Operator precedence
16.	Friday	25/01/2019	Saving output to a file
17.	Friday	01/02/2019	Excercises
18.	Saturday	02/02/2019	Debugging M files
19.	Friday	08/02/2019	Debugging Process
20.	Saturday	09/02/2019	Preparing for debugging

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21	Friday	15/02/2019	Setting breakpoints
22	Saturday	16/02/2019	Running with breakpoints
23	Friday	22/02/2019	Examining values
24	Saturday	23/02/2019	Correcting and ending debugging
25	Friday	01/03/2019	Ending debugging
26	Saturday	02/03/2019	Correcting an M-file
27	Friday	08/03/2019	Correcting an M-file
28	Saturday	09/03/2019	Conclusion


 Program Coordinator

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Ph: (08852) 252233, 34 Fax: (08852) 252232 W: www.pragati.ac.in

City Office: D.No. 2-24-4/2, Ground Floor, 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 : 2018-2019 / II SEMESTER

Dr.G.Naresh

III YEAR - A SECTION

S.No.	Roll No.	Student Name	Signature
1	16A31A0202	Yeleti Yogithachowdary	Y. Yogithachowdary
2	16A31A0204	Appanapalli Sai Jyothi	A. Sai Jyothi
3	16A31A0205	Bathula Roopasri	B. Roopasri
4	16A31A0207	Bolli Jagadeeswari	B. Jagadeeswari
5	16A31A0208	Charapu Sai Anusha	Ch. Sai Anusha
6	16A31A0212	Gampala Sandhya Rani	G. Sandhya Rani
7	16A31A0213	Indraganti Jahnvi Rishika	I. Jahnvi Rishika
8	16A31A0214	Mediseti Preethi	M. Preethi
9	16A31A0215	Palavalasa Chandrika	P. Chandrika
10	16A31A0216	Adabala Venkata Tarun Kumar	A. Venkata Tarun Kumar
11	16A31A0223	Bollam Siva Kumar	B. Siva Kumar
12	16A31A0224	Chakali Nanda Kumar	Ch. Nanda Kumar
13	16A31A0225	Gadde Gowtham Sai	G. Gowtham Sai
14	16A31A0226	Gopi Maneswara Rao	G. Maneswara Rao
15	16A31A0227	Gunda Prakasam	G. Prakasam
16	16A31A0228	Gunnabathula Kishore	G. Kishore
17	16A31A0229	Isukapalli Prabath Chowdary	I. Prabath Chowdary
18	16A31A0240	Nagadamudi Sai Surya	N. Sai Surya
19	16A31A0241	Narna Anil Kumar	N. Anil Kumar
20	16A31A0242	Neelapu Chandramouli	N. Chandramouli
21	16A31A0243	Nukathattu Vinod	N. Vinod
22	16A31A0244	Pappula Chandra Naga Prasad	P. Chandra Naga Prasad
23	16A31A0245	Peddada Saiganesh	P. Saiganesh
24	16A31A0246	Pentakota Sai Venkata Ajay	P. Sai Venkata Ajay

III YEAR - B SECTION

25	16A31A0256	Pujitha Sumitra Sindhu Ayyagari	P. S. Sindhu Ayyagari
26	16A31A0257	Gaddala Radhika	G. Radhika
27	16A31A0258	Jujjavarapu Yamuna	J. Yamuna
28	16A31A0259	Kapaganti Ratna Harika	K. Ratna Harika
29	16A31A0260	Kotana Durga Bhavani	K. Durga Bhavani

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

30	16A31A0273	Adapa Sri Harsha Kumar	Adapa Sri Harsha Kumar
31	16A31A0274	Akella S Y V G P S Aditya Karthik	A. S. Y. V. G. P. A. Karthik
32	16A31A0275	Annamdevula Pardhasaradhi	A. Annamdevula Pardhasaradhi
33	16A31A0276	Atti Ram Sai Charan	A. R. S. Charan
34	16A31A0277	Bommadi Satya Trimurtulu	B. Satya Trimurtulu
35	16A31A0278	Borra Sai Krishna	B. Sai Krishna
36	16A31A0279	Buradakavi Satya Sai Praveen	B. Satya Sai Praveen
37	16A31A0280	Chavala Venkatesh	Ch. Venkatesh
38	17A35A0218	Adapa Venkatesh	A. Venkatesh
39	17A35A0219	Bandi Ram Kireeti	Bandi Ram Kireeti
40	17A35A0220	Gowripatnapu Chakra Mahesh Babu	G. C. M. Mahesh Babu
41	17A35A0221	Karuturi Venkatadurgaprasad	K. Venkatadurgaprasad
42	17A35A0222	Konda Santhosh	Konda Santhosh
43	17A35A0223	Kondapu Ravi Ganesh	K. Ravi Ganesh
44	17A35A0224	Madakam Ajay Dora	M. Ajay Dora
45	17A35A0225	Pendem Ram Prasad	P. Ram Prasad

Add on course Coordinator

HOD -EEE

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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
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
1	16A31A0202	Yeluri Vigneshowdary	P	P	P	P	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	16A31A0204	Appampalli Sri Jayathi	P	P	P	P	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	16A31A0205	Bairala Ramesh	P	P	P	P	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	16A31A0207	Bolli Jagadeeswari	P	P	P	P	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	16A31A0208	Chiragula Sai Ananthi	P	P	P	P	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	16A31A0212	Gampala Sandhya Rani	P	P	P	P	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	16A31A0213	Indraganti Jahnvi Rishika	P	P	P	P	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	16A31A0214	Medavelli Preethi	P	P	P	P	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	16A31A0215	Palayyana Chandrika	P	P	P	P	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	16A31A0216	Adabala Venkata Lakshmi 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
11	16A31A0223	Bullam Siva 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
12	16A31A0224	Cherukhi Narani 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
13	16A31A0225	Gudde Gowtham 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
14	16A31A0226	Gopi Maneswara Rao	P	P	P	P	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	16A31A0227	Gunda Prakasham	P	P	P	P	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	16A31A0228	Gummalathuri Rishore	P	P	P	P	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	16A31A0229	Iskandarli Prabath 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
18	16A31A0240	Nagadamudi Sai Surya	P	P	P	P	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	16A31A0241	Nema Anil 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
20	16A31A0243	Neelepu Chandramouli	P	P	P	P	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	16A31A0243	Nukathatti Virend	P	P	P	P	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	16A31A0244	Pappula Chandra Naga 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
23	16A31A0245	Peddada Saiganesh	P	P	P	P	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	16A31A0246	Pentakota Sai Venkata Ajay	P	P	P	P	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	16A31A0256	Polintla Sumithra Sindhu Ayyagari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	16A31A0257	Reddada Radhika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	16A31A0258	Rujjavarapu Yamtha	P	P	P	P	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	16A31A0259	Kapuganti Ratna Bhaktika	P	P	P	P	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	16A31A0260	Kotana Divya Bhavani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	16A31A0273	Adapa Sri Harsha 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

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																												
31	16A31A0274	Akello S V U P S Aditya 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
32	16A31A0275	Annamdesula Pardhasaradhi	P	P	P	P	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	16A31A0276	Atti Ram Sai Charan	P	P	P	P	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	16A31A0277	Bommadi Satya Trimurtulu	P	P	P	P	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	16A31A0278	Borra 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	16A31A0279	Buradakavi Satya Sai Praveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	16A31A0280	Chavala Venkatesh	P	P	P	P	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	17A35A0218	Adapa Venkatesh	P	P	P	P	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	17A35A0219	Bandi Ram Kireeti	P	P	P	P	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	17A35A0220	Gowripatnapu Chakra Mahesh Babu	P	P	P	P	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	17A35A0221	Karuturi Venkatadurgaprasad	P	P	P	P	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	17A35A0222	Konda Santhosh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	17A35A0223	Kondapu Ravi Ganesh	P	P	P	P	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	17A35A0224	Madakam Ajay Dora	P	P	P	P	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	17A35A0225	Pendem Ram 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

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

Feedback form

Date: 09/03/2019

Department : EEE
Academic Year : 2018-2019
Name of the Speaker : Dr. G. Nareesh
Title of the Program : MAT LAB AND SIMULINK for electrical engineers

Duration : 23/11/2018 - 09/03/2019

Please evaluate on a scale of 5 ;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

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

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Learning is Supreme Duty

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

Feedback form

Date: 9/3/2019

Department : EEE
Academic Year : 2018-19
Name of the Speaker : Dr. G. Nareesh
Title of the Program : MATLAB & Simulink for Electrical Engineers

Duration : 23/11/2018 - 9/3/2019

Please evaluate on a scale of 5 ;

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

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

9

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E. G. Dist. A.P. - 531 437

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

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

Phone: 9849898440 Website: www.pragati.ac.in

Date: 12/03/2019

PROGRAM REPORT

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

Date/Duration : November 23rd to March 9th, 2019, 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

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HYDRABAD - 531437 (A.P.)


Program Coordinator

9



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

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

This is to certify that Mr./Ms. Arjun Kumar has participated in a Four Week Value added Program on "MATLAB and Simulink for Electrical Engineers" organized by Department of Electrical and Electronics Engineering from 23/11/2018 to 09/03/2019

Coordinator

Head of the Department

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



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

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

This is to certify that Mr./Ms. Lakshmi Reddy has participated in a Four Week Value added Program on "MATLAB and Simulink for Electrical Engineers" organized by Department of Electrical and Electronics Engineering from 23/11/2018 to 09/03/2019

Coordinator

HoD - EEE

PRINCIPAL
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(AUTONOMOUS)
1378, WADDA ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

A THREE-WEEK VALUE ADDED
PROGRAM
ON
INDUSTRIAL INSTRUMENTATION

(June 8th to September 8th, 2018)

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: 995316794
E-mail: hod@pragati.ac.in

PRAGATI ENGINEERING COLLEGE

(Autonomous)

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



A FOUR-WEEK VALUE ADDED
PROGRAM

ON
INDUSTRIAL
INSTRUMENTATION
(June 8th to September 8th, 2018)



Organized by PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALAM
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, Kaldnada.

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

Mr. Shrik Mahabadi Sivasidi
Assistant Professor EEE
Pragati Engineering College

Program Objectives

- To provide a fundamental background in the theory of Industrial Instrumentation and measurement system performance
- To establish the physical principles and practical techniques used to measure those quantities most important for Instrumentation applications.

Topics Covered

- ↓ Dynamic Characteristics
- ↓ Strain gauge
- ↓ Load Cell
- ↓ Torque measurement
- ↓ Thermistor, Thermocouple etc

Program Outcomes

- Students will acquire fundamental knowledge on measurement system
- Students will understand the physical principles



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Approved by AICTE, Ministry of Education, Government of India, New Delhi.

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

Ph: 08832 - 251333, 251334 Website: www.pragati.ac.in

Department of Electrical and Electronics Engineering

Date: 04/06/2018

CIRCULAR

It is hereby informed to all the students of Electrical and Electronics Engineering that **"A Three-Week Value added Program on Industrial Instrumentation"** is going to be conducted from 08/06/2018 to 08/09/2018. All the interested students are requested to register their names in the department office on or before 07/06/2018. The details of the program will be available in the brochure.

Venue: Room No: F-4 - (First floor), Main block

HOD-EEE



Copy to:

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

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(Approved by All India Engineering Council, New Delhi)

(Recognized by UGC Under Scheme JRF and JET of U.G. Act 1956)

Ph: 08832- 533437 Website: www.pragati.ac.in

Date: 07/06/2018

Week/Day-wise Schedule

Name of the Program: "A Three-Week Value added Program on Industrial Instrumentation"

S.No	Day	Date	Topics to be covered
1.	Friday	08/06/2018	Introduction to Industrial Instrumentation
2.	Saturday	09/06/2018	Dynamic Characteristics
3.	Saturday	16/06/2018	Strain gauge
4.	Friday	22/06/2018	Load Cell
5.	Saturday	23/06/2018	Torque measurement
6.	Friday	29/06/2018	Thermistor
7.	Saturday	30/06/2018	Thermocouple
8.	Friday	06/07/2018	Resistance temperature detector
9.	Saturday	07/07/2018	LVDT
10.	Friday	13/07/2018	Capacitance Transducer
11.	Saturday	14/07/2018	Pressure sensor
12.	Friday	20/07/2018	Signal conditioning circuits
13.	Saturday	21/07/2018	Ultrasonic sensor
14.	Friday	27/07/2018	Nucleonic Instrumentation
15.	Saturday	28/07/2018	Optoelectronic sensor
16.	Friday	03/08/2018	Synchro
17.	Saturday	04/08/2018	Smart sensors
18.	Friday	10/08/2018	Chromatography
19.	Friday	11/08/2018	Dissolved oxygen sensor
20.	Saturday	01/09/2018	Flapper- Nozzle
21.	Saturday	08/09/2018	Pollution measurement

Program Coordinator

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Ph (08852) 252233, 34 Fax (08852) 252212 W: www.pragati.ac.in

City Office D.No. 224 4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERESTED TO ADD ON COURSE

ADD ON COURSE Industrial Instrumentation ACADEMIC YEAR : 2018-2019 / I SEMESTER

Mr. Sheik Mahaboob Shariff

III YEAR - A SECTION

S.No.	Roll No.	Student Name	
1	16A31A0201	Pulugu Nancy Rachel	P. Rachel
2	16A31A0203	Addanki Ramya	A. Ramya
3	16A31A0206	Bheemana Sridevi	B. Sridevi
4	16A31A0209	Cheekatla Sree Laxmi	C. Laxmi
5	16A31A0210	Dangeti Monisa	D. Monisa
6	16A31A0211	Devunuri Sophia	D. Sophia
7	17A35A0201	Paila Sai Annapurna	P. Annapurna
8	17A35A0202	Pampana Sri Chandra Lekha	P. Lekha
9	16A31A0219	Bandana Sankar	B. Sankar
10	16A31A0220	Barla Vinayakadurgaprasad	B. Durgaprasad
11	16A31A0221	Bathula Vijay Kumar	B. Vijay
12	16A31A0222	Bokka Satya Satwik	B. Satwik
13	16A31A0230	Joda Yaswanth Kumar	J. Yaswanth
14	16A31A0231	Kanuri Ramakrishna	K. Ramakrishna
15	16A31A0232	Kesavarapu Naveen	K. Naveen
16	16A31A0233	Kotha Santosh	K. Santosh
17	16A31A0234	Malladi Satya Kalyan Varma	M. Kalyan
18	17A35A0204	Adireddi Krishna Chaitanya	A. Chaitanya
19	17A35A0205	Bongu Surendra Rao	B. Surendra
20	17A35A0206	Erugula Prasanth	E. Prasanth

III YEAR - B SECTION

21	16A31A0261	Mulaparthi Haritha	M. Haritha
22	16A31A0262	Mungi Vijaya Durga	M. Vijaya
23	16A31A0263	Pabbineedi Veera Manikya Ganga Bhavani	P. Bhavani
24	16A31A0264	Padala Vennela	P. Vennela
25	16A31A0265	Peddireddy Dhana Lakshmi	P. Lakshmi
26	16A31A0266	Pirala Amulya	P. Amulya
27	16A31A0282	Chintada Sai Praveen	C. Praveen
28	16A31A0283	Domala Ramesh	D. Ramesh
29	16A31A0284	Garaga Mangapathi Raju	G. Raju

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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	16A31A0285	Garimella Venkata Surya Bharat	Gr. Bharat.
31	16A31A0286	Gopu Veera Badhra Swamy	Gr. Veera Badhra
32	16A31A0287	Gunnapaneni Srinivas	Gr. Srinivas
33	17A35A0226	Pitta L N Durga Bala Chandra Lokesh Kumar	P. Lokesh
34	17A35A0227	Pogathota Surya Bhaskar	P. Bhaskar
35	17A35A0228	Puppala Ramesh Paul	P. Ramesh
36	17A35A0229	Sarvasuddi Lova Brahma Teja	S. Teja
37	17A35A0230	Seera Lakshmu Naidu	S. Naidu.
38	17A35A0231	Surla Ramu	S. Ramu
39	17A35A0232	Telasula Veerababu	T. Veerababu.
40	17A35A0233	Vujjina Bhanu Venkatesh	V. Venkatesh.

Add on course Coordinator

HOD -EEE

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PRABA ENGINEERING COLLEGE (A) :: SURAMPALAM

ACADEMIC YEAR : 2018-2019 / I SEMESTER

DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD ON COURSE Industrial Instrumentation

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
S.No.	Roll No.	Student Name	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
1	16A31A0201	Pylugu Nancy Rachel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	16A31A0203	Aadanki Ramya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	16A31A0206	Bhoomana Sridevi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	16A31A0209	Chakkala Sree Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	16A31A0210	Dangati Monisa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	16A31A0211	Devanuri Sophia	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	17A35A0201	Palla Sai Annapurna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	17A35A0203	Pumpasa Sri Chandra Lekhu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	16A31A0219	Bandana Senkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	16A31A0220	Barla Vinayakudugaprasad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	16A31A0221	Bathula Vijay Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	16A31A0222	Bokka Satya Sarwik	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	16A31A0230	Jeda Yaswanth Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	16A31A0231	Kenuri Ramakrishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	16A31A0232	Kesavapudi Naveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	16A31A0233	Kotna Sanjesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	16A31A0234	Malladi Satya Kalyan Varma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	17A35A0204	Adireddi Krishna Chaitanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	17A35A0205	Bongu Surendra Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	17A35A0206	Erugula Prasanth	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	16A31A0261	Mulaparthi Haritha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	16A31A0262	Munji Vijaya Durga	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	16A31A0263	Pabbireddi Veera Manikya Gangi Bhavani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	16A31A0264	Padala Venkata	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	16A31A0265	Peddireddy Dhana Lakshmi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	16A31A0266	Pilla Ananya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	16A31A0282	Christada Sai Praveen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	16A31A0283	Dammula Ramesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	16A31A0284	Garaga Mangapothl Raju	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	16A31A0285	Gammella Venkata Surya Bharat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

PRABA ENGINEERING COLLEGE
SURAMPALAM
2018, 2019, 2020, 2021

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
S.No.	Roll No.	Student Name																					
31	16A31A0286	Gopu Veera Badhra Swamy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	16A31A0287	Gunnapaneni Srinivas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	17A35A0226	Pitta L N Durga Bala Chandra Lokesh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	17A35A0227	Pogathota Surya Bhaskar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	17A35A0228	Puppala Ramesh Paul	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	17A35A0229	Sarvasuddi Lova Brahma Teja	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	17A35A0230	Seera Lakshmu Naidu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	17A35A0231	Surla Ramu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	17A35A0232	Telasula Veerababu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	17A35A0233	Vujjina Bhanu Venkatesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

24-04-2024
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 Dist. - Prakasam, Andhra Pradesh - 522 002
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Ph: 08832 - 252233, 34 Website: www.pragati.ac.in

Feedback form

Date: 8/9/2018

Department : EEE
Academic Year : 2018-19
Name of the Speaker : Mr. S. Mehabood Sharief
Title of the Program : Industrial Instrumentation

Duration : 8/6/2018 to 8/9/2018

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 : Nothing

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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 Duty

Feedback form

Date: 8/9/2018

Department : EEE
Academic Year : 2018-19
Name of the Speaker : Mr. S Mehabob Sharif
Title of the Program : Industrial Instrumentation


Duration : 8/8/2018 to 8/9/2018

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 : Nothing

9


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NOTE: $\text{H}_{\text{max}} = 1$ cm, $\text{H}_{\text{min}} = 0$ cm, $\text{H}_0 = 0.5$ cm, $\text{A} = 0.5$ cm, $\text{B} = 0.5$ cm.

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Date: 11/09/2018

PROGRAM REPORT

Name of the Program : "A Three-Week Value added Program on Industrial Instrumentation"

Date/Duration : June 8th to September 8th, 2018, 21 days

Resource Person : Mr. Sheik Mehaboob Shariff
Assistant Professor, EEE, Pragati Engineering College
E-Mail ID: shariff.s@pragati.ac.in

Program Objective :

- To provide a fundamental background in the theory of Industrial Instrumentation and measurement system performance
- To establish the physical principles and practical techniques used to measure those quantities most important for Instrumentation applications.

Topics Covered : The following topics are covered

- ❖ Dynamic Characteristics
- ❖ Strain gauge
- ❖ Load Cell
- ❖ Torque measurement
- ❖ Thermistor , Thermocouple etc

Program Outcome :

- Students will acquire fundamental knowledge on measurement system
- Students will understand the physical principles

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

No of the Participants : 40

Program Coordinator

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF
UNIVERSITY AND ELECTROTECHNICAL ENGINEERING

A Three Week Value added Program on
Industrial Instrumentation
- Certificate of Participation -

This is to certify that Mr./Ms. Sumit Singh has participated in a Three Week Value added Program on "Industrial Instrumentation" organized by Department of Electrical and Electronics Engineering from 08/06/2018 to 08/09/2018.

for

Coordinator

Wang Yang-ming

110D-1-111

[Signature]
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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF

Electrical and Electronics Engineering

A Three Week Value added Program on Industrial Instrumentation - Certificate of Participation -

This is to certify that Mr./Ms. Dargi, Anurag has participated in a Three Week Value added Program on "Industrial Instrumentation" organized by Department of Electrical and Electronics Engineering from 08/06/2018 to 08/09/2018

Coordinator

9

HoD - EEE

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 03-12-2018

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL (COMMERCIAL) FOUNDATION WORKSHOP on 10-12-2018 to 21-12-2018 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 07-12-2018. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 10-12-2018

P. Kurnel Baby
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

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

Electrical Home Commercial Objective:

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

TOPIC COVERED

TOPIC-1

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

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

TOPIC -2

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

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

TOPIC -3

Identification of refrigerant cylinders.

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

TOPIC -4

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

TOPIC -5

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

Coordinate

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

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

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

*Orabon
Co-ordinator*

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

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0315	Dhulipudi Govinda Raju	
2	16A31A0321	Junuthula Saimohan	
3	16131A03L3	Pudi Sreenija	
4	16A31A0359	Karri Veeralakshmi	
5	16A31A0371	Devadula Hemanth Vamsikrishna	
6	16A31A03B0	Talluri Kameswara Rao	
7	17A35A0317	Yandam Lakshmi Sumapriya	
8	17A35A0320	Gampala Nagendra	
9	16A31A03D9	Guntamukkala Manikanta Swamy	
10	16A31A03E9	Kudipudi V V Satyanarayana	
11	17A35A0331	Agniparthi Bhanu Teja	
12	17A35A0333	Donthamsetti Brinesh	
13	17A35A0335	Lokavarapu Vijaykumar	
14	16A31A03I0	Bandaru Venkata Sai Ram Vikas	
15	16A31A03I8	Dasam Vijay Sankar	
16	16A31A03J2	Gowtu Vasu	
17	17A35A0347	Birre Veera Venkata Bhavannarayana	
18	17A35A0351	Doddipatla Nagarjuna Kondalarao	

Co-ordinator

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STUDENTS ATTENDED

NO	ROLL NO	10/12	11/12	12/12	18/12	19/12	20/12	21/12			
	16A31A0315	P	A	P	P	P	P	A			
	16A31A0321	A	P	P	A	A	P	P			
	16131A03L3	P	P	P	P	P	P	A			
	16A31A0359	P	P	A	P	P	A	P	A		
	16A31A0371	P	P	P	P	A	P	P			
	16A31A03B0	P	P	P	P	A	A	P			
	17A35A0317	A	P	A	P	P	P	A			
	17A35A0320	P	P	P	P	A	P	P			
	16A31A03D9	P	A	A	P	P	P	A			
	16A31A03E9	A	P	P	P	P	P	P			
	17A35A0331	P	P	P	A	P	P	P			
	17A35A0333	P	A	P	P	P	P	P			
	17A35A0335	A	P	P	A	A	P	P			
	16A31A03I0	P	P	P	P	P	A	P			
	16A31A03I8	P	A	P	A	P	A	A			
	16A31A03J2	A	P	P	P	A	P	A			
	17A35A0347	A	P	P	A	P	P	P			
	17A35A0351	P	P	P	P	P	P	A			

Co-ordinator

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

Report on Electrical (Commercial) Foundation Workshop

Date: 22-12-2018

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

An **Electrical (Commercial) Foundation Workshop** was held on 10-12-2018 to 21-12-2018 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 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. 18 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: 21-12-2018

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2018-2019

Name of the speaker : P. RAJESH

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

Date / Venue : 10-12-2018 to 21-12-2018/APSSDC R&AC Lab

Please evaluate on a scale of 5;

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

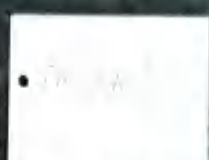
- 1 Usefulness of Topic: Good
- 2 Method of Delivery: Very good
- 3 Related to Subject: Excellent
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: No

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This is to certify that ***Dhulipudi Govinda Raju***

Bearing number ***APSSDC/Siemens/M/41625*** has successfully
completed ***ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP*** Course
.....

Conducted at

Pragati Engineering College
.....

From **10-Dec-2018 to 21-Dec-2018**

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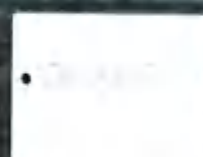
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This is to certify that **Junuthula Saimohan**

Bearing number **APSSDC/Siemens/M/41626** has successfully

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

.....

Conducted at

Pragati Engineering College

.....

From **10-Dec-2018 to 21-Dec-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 19-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL (COMMERCIAL) FOUNDATION WORKSHOP on 26-2-2019 to 2-3-2019 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 23-2-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 26-2-2019

P. Kurnel Baby
HOD - ME

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ME Notice Board

Principal for information.

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Electrical Home Commercial Objective:

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

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.

TOPIC COVERED

ELECTRICAL(COMMERCIAL) FOUNDATION

Baba
Co-ordinator

[Signature]
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Ph: 08852-253233, 34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S NO	ROLL NO	NAME	SIGNATURE
1	16A31A0317	Ganija Vishnu Satyasai	G. V. Satyasai
2	16A31A0326	Kandregula Ashok	A. Ashok K
3	16A31A0329	Katta Sri Sai Pavan	Sri Sai Pavan
4	16A31A0334	Molleti Siva Kumar	M. Siva Kumar
5	16A31A0355	Y P V Sai Sandeep	Y. P. V. Sai Sandeep
6	17A35A0308	Chikkam Durgaprasad	Ch. Durgaprasad
7	17A35A0312	Peruri Raviteja	P. Raviteja
8	16A31A0358	Kancharla Sahitya	Sahitya
9	16A31A0379	Kona Anil	K. Anil
10	16A31A0382	Kurra Avinash	K. Avinash
11	16A31A0399	Pendem Balu Siva Sai Chandra	Siva Sai
12	17A35A0316	Mummidi Anusha	M. Anusha
13	17A35A0318	Chellaboina Ashok Babu	Ch. Ashok Babu
14	17A35A0324	Kodati Hima Kalyan	K. H. Kalyan
15	17A35A0325	Madine Durgaprasad	M. D. Prasad
16	17A35A0328	Surampudi Hima Shankar	S. Hima Shankar
17	17A35A0329	Taneti Prajith Sundar	T. Prajith
18	16A31A03F7	Nagireddi Vasumuni	N. Vasumuni
19	16A31A03H2	Vysyaraju Sashank Kumar Raju	Sashank
20	17A35A0332	Arimilli Krishna Vamsi	A. Krishna Vamsi
21	17A35A0337	Morukurthi Durga Prasad	Durga
22	17A35A0338	Muttareddi Ramakrishna	M. Ramakrishna
23	17A35A0342	Sepeni Tejaswa Durga Vamsi	Vamsi
24	16A31A03H7	Atti Durga Sai Trinath	Sai Trinath
25	16A31A0314	Challabathula Veerendra	Ch. Veerendra
26	16A31A0317	Dantuluri Varun Varma	D. V. Varma
27	17A35A0348	Doddipatla Nagarjuna Kondalarao	D. N. Rao
28	17A35A0356	Pechetti Dhanunjaya	P. Dhanunjaya
29	17A35A0359	Yeepu Venkata Rajesh	Y. Venkata Rajesh

Coordinate

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Ph. 0853-242233, 34. Website: www.pragati.ac.in

STUDENTS ATTENDED

S NO	ROLL NO	NAME	26/02/19	27/02/19	28/02/19	01/03/19	02/03/19
1	16A31A0317	Ganja Vishnu Satyasai	P	P	A	P	P
2	16A31A0326	Kandregula Ashok	A	P	A	P	P
3	16A31A0329	Katta Sri Sai Pavan	P	A	P	P	P
4	16A31A0334	Molleti Siva Kumar	P	P	A	P	P
5	16A31A0355	Y P V Sai Sandeep	A	P	P	P	P
6	17A35A0308	Chikkam Durgaprasad	P	A	P	P	P
7	17A35A0312	Peruri Raviteja	A	P	A	P	P
8	16A31A0358	Kancharla Sahitya	A	P	P	P	P
9	16A31A0379	Kona Anil	A	P	A	P	P
10	16A31A0382	Kurra Avinash	P	A	P	P	P
11	16A31A0399	Pendem Balu Siva Sai Chandra	P	P	A	P	P
12	17A35A0316	Mummidi Anusha	A	P	A	P	P
13	17A35A0318	Chellaboina Ashok Babu	A	P	P	A	P
14	17A35A0324	Kodati Hima Kalyan	P	A	P	A	P
15	17A35A0325	Madine Durgaprasad	A	P	P	P	P
16	17A35A0328	Surampudi Hima Shankar	P	P	A	P	P
17	17A35A0329	Taneti Prajith Sundar	A	P	P	P	P
18	16A31A03F7	Nagireddi Vasumuni	P	P	A	P	P
19	16A31A03H2	Vysyaraju Sashank Kumar Raju	A	P	P	P	P
20	17A35A0332	Arimilli Krishna Vamsi	P	A	P	P	P
21	17A35A0337	Morukurthi Durga Prasad	A	P	A	P	P
22	17A35A0338	Muttareddi Ramakrishna	P	A	P	P	P
23	17A35A0342	Sepeni Tejaswa Durga Vamsi	A	P	A	P	P
24	16A31A03H7	Atti Durga Sai Trinath	P	A	P	P	P
25	16A31A03I4	Challabathula Veerendra	P	P	A	P	A
26	16A31A03I7	Dantuluri Varun Varma	A	P	P	A	P
27	17A35A0348	Doddipatla Nagarjuna Kondalarao	P	A	P	P	P
28	17A35A0356	Pechetti Dhanunjaya	P	A	P	P	A
29	17A35A0359	Yeepu Venkata Rajesh	A	P	A	P	P

J. S. S. S.
Co-ordinator

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

Report on Electrical (Commercial) Foundation Workshop

Date: 3-3-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A **Electrical (Commercial) Foundation Workshop** was held on 26-2-2019 to 2-3-2019 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 III year II sem. This work shop started with basics of Refrigeration and its working principles. The expert mainly focused on Industrial Applications. The workshop participants were able to learn in depth of methodology and its real time application. 29 No of students participated in this work shop.

Co-ordinator

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Ph: 08852 - 242311-11 Website: www.pragati.ac.in

APSSDC R&AC LAB FEEDBACK

Date: 2-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2018-2019

Name of the speaker : RAJESH

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

Date / Venue : 26-2-2019 to 2-3-2019 / 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: Average
- 2 Method of Delivery: Good
- 3 Related to Subject: Excellent
- 4 Is the Topic useful for career: YES / NO
- 5 Suggestions if any: No

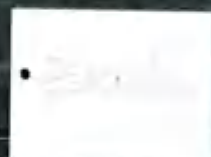
Resource person details

RAJESH APSSDC TRAINER

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This is to certify that **Ganja Vishnu Satyasai**

Bearing number **APSSDC/Siemens/M/41520** has successfully
completed **ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP** Course
.....

Conducted at

Pragati Engineering College
.....

From **26-Feb-2019 to 2-Mar-2019**

Siemens Industry Software India Pvt. Ltd

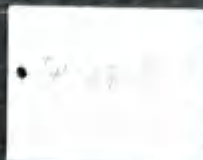
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Certificate of Completion

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This is to certify that **Kandregula Ashok**

Bearing number **APSSDC/Siemens/M/41521** has successfully
completed **ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP Course**
.....

Conducted at

Pragati Engineering College
.....

From **26-Feb-2019 to 2-Mar-2019**

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 4-3-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL (COMMERCIAL) FOUNDATION WORKSHOP on 11-3-2019 to 15-3-2019 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 8-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 11-3-2019

P. K. Ram Babu
HOD - ME

Copy to

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Dept. File.
ME Notice Board
Principal for information.

AK

P
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Electrical Home Commercial Objective:

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

TOPIC COVERED

TOPIC-1

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

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

TOPIC -2

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

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

TOPIC -3

Identification of refrigerant cylinders.

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

TOPIC -4

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

TOPIC -5

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

Signature
Co-ordinator

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

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

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

gobbo
Co-ordinator

etc

2
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Ph. 08852 - 252233, 34. Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0301	Alluri Sujatha Priyadarshini	Sujatha
2	18A31A0306	Mudunuri Bhavana Sri	Bhavana
3	18A31A0313	Bondada Keshav	Keshav
4	18A31A0314	Challa Veera Yaswanth Kumar	Yaswanth
5	18A31A0315	Chitturi Thiru Venkatesh	Venkatesh
6	18A31A0323	Geesala Ganesh Swamy	Ganesh
7	18A31A0324	Gollapalli Aravind	Aravind
8	18A31A0326	Gosula Surya Prakash Raju	Surya
9	18A31A0328	Jalli Satish Charan	Charan
10	18A31A0334	Malasani Venkata Ramana	Ramana
11	18A31A0335	Matta Mohan Satya Sai Venkat	Satya Sai
12	18A31A0337	Mutchakarla Suresh	Suresh
13	18A31A0341	Pabbineedi Jayakanth	Jayakanth
14	18A31A0391	Sammangi Kowshik Durga Sai	Durga Sai
15	18A31A0392	Sapireddy Mani Kiran	Kiran
16	18A31A03F1	Vaidadi Suneel	Suneel
17	18A31A03F8	Ainapurapu M V Satya Sai Raghava Raja	Raja
18	18A31A03H9	Ketha Sri Satya Sandeep	Sandeep
19	18A31A03K3	Vennala Hari Venkata Satya Vinay	Vinay


Co-ordinator


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STUDENTS ATTENDED

S.NO	ROLL NO	11/3	12/3	13/3	14/3	15/3					
1	18A31A0301	P	A	P	A	P					
2	18A31A0306	A	P	P	A	A					
3	18A31A0313	P	A	P	A	P					
4	18A31A0314	P	P	P	A	P					
5	18A31A0315	P	A	P	P	P					
6	18A31A0323	P	A	P	P	A					
7	18A31A0324	A	P	P	P	A					
8	18A31A0326	A	P	P	P	P					
9	18A31A0328	P	P	P	P	P					
10	18A31A0334	P	P	A	P	P					
11	18A31A0335	P	P	P	P	A					
12	18A31A0337	A	P	P	P	A					
13	18A31A0341	P	A	P	P	A					
14	18A31A0391	P	A	P	P	P					
15	18A31A0392	A	P	P	A	P					
16	18A31A03F1	P	A	P	P	A					
17	18A31A03F8	A	P	P	P	P					
18	18A31A03H9	P	A	P	P	A					
19	18A31A03K3	A	P	A	P	P					


Co-ordinator


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

Report On Electrical(Commercial) Expert Workshop

Date: 16-3-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Expert Workshop was held on 11-3-2019 to 15-3-2019 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 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. 29 No of students participated in this work shop.

Co-ordinator

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APSSDC R&AC LAB - FEEDBACK

Date: 15-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2018-2019

Name of the speaker : RAJESH

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

Date / Venue : 11-3-2019 to 15-3-2019 / 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: *Good*

3 Related to Subject: *Good*

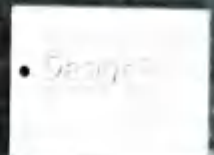
4 Is the Topic useful for career: *✓* YES/NO

5 Suggestions if any: *—*

HT

[Signature]
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This is to certify that **Alluri Sujatha Priyadarshini**

Bearing number **APSSDC/Siemens/M/51527** has successfully
completed **ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP Course**
.....

Conducted at

Pragati Engineering College
.....

From **11-Mar-2019 to 15-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

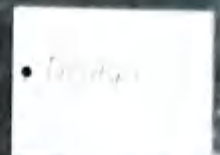
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Bearing number **APSSDC/Siemens/M/51528** has successfully
completed **ELECTRICAL(COMMERCIAL) FOUNDATION WORKSHOP Course**
.....

Conducted at

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.....

From **11-Mar-2019 to 15-Mar-2019**

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 26-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a ELECTRICAL (COMMERCIAL) EXPERT WORKSHOP on 5-3-2019 to 9-3-2019 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 2-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: R&AC LAB MECHANICAL DEPARTMENT

Date: 5-3-2019

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Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

P. Kumar Babu
HOD - ME

[Signature]
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Electrical Home Commercial Objective:

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

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.

TOPIC COVERED

ELECTRICAL(COMMERCIAL)-FOUNDATION

g. d. s.
Co-ordinator

g. d. s.
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g. d. s.



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

Ph: 08852 253233, 34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0317	Ganja Vishnu Satyasai	G. V. Satyasai
2	16A31A0326	Kandregula Ashok	K. Ashok
3	16A31A0329	Katta Sri Sai Pavan	K. Sai Pavan
4	16A31A0334	Molleti Siva Kumar	M. Siva Kumar
5	16A31A0355	Y P V Sai Sandeep	Y. P. V. S. Sandeep
6	17A35A0308	Chikkam Durgaprasad	C. Durgaprasad
7	17A35A0312	Peruri Raviteja	P. Raviteja
8	16A31A0358	Kancharla Sahitya	K. Sahitya
9	16A31A0379	Kona Anil	K. Anil
10	16A31A0382	Kurra Avinash	K. Avinash
11	16A31A0399	Pendem Balu Siva Sai Chandra	P. Chandra
12	17A35A0316	Mummidi Anusha	M. Anusha
13	17A35A0318	Chellaboina Ashok Babu	C. Ashok Babu
14	17A35A0324	Kodati Hima Kalyan	K. Hima Kalyan
15	17A35A0325	Madine Durgaprasad	M. Durgaprasad
16	17A35A0328	Surampudi Hima Shankar	S. Hima Shankar
17	17A35A0329	Taneti Prajith Sundar	T. Prajith Sundar
18	16A31A03F7	Nagireddi Vasumuni	N. Vasumuni
19	16A31A03H2	Vysyaraju Sashank Kumar Raju	V. Sashank Kumar Raju
20	17A35A0332	Arimilli Krishna Vamsi	A. Krishna Vamsi
21	17A35A0337	Morukurthi Durga Prasad	M. Durga Prasad
22	17A35A0338	Muttareddi Ramakrishna	M. Ramakrishna
23	17A35A0342	Sepeni Tejaswa Durga Vamsi	S. Tejaswa Durga Vamsi
24	16A31A03H7	Atti Durga Sai Trinath	A. Durga Sai Trinath
25	16A31A03I4	Challabathula Veerendra	C. Veerendra
26	16A31A03I7	Dantuluri Varun Varma	D. Varun Varma
27	17A35A0348	Doddipatla Nagarjuna Kondalarao	D. Nagarjuna Kondalarao
28	17A35A0356	Pecheetti Dhanunjaya	P. Dhanunjaya
29	17A35A0359	Yeepu Venkata Rajesh	Y. Venkata Rajesh

Co-ordinator

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

Ph: 08832 - 252237, 34 Website: www.pragati.ac.in

STUDENTS ATTENDED

S NO	ROLL NO	NAME	05/03/19	06/03/19	07/03/19	08/03/19	09/03/19
1	16A31A0317	Ganja Vishnu Satyasai	P	P	P	P	A
2	16A31A0326	Kandregula Ashok	A	P	A	P	P
3	16A31A0329	Katta Sri Sai Pavan	P	A	P	P	A
4	16A31A0334	Molleti Siva Kumar	A	P	A	P	P
5	16A31A0355	Y P V Sai Sandeep	A	P	A	P	P
6	17A35A0308	Chikkam Durgaprasad	P	A	P	P	P
7	17A35A0312	Peruri Raviteja	A	P	A	P	P
8	16A31A0358	Kancharla Sahitya	A	P	A	P	P
9	16A31A0379	Kona Anil	A	P	A	P	P
10	16A31A0382	Kurra Avinash	P	P	A	P	P
11	16A31A0399	Pendem Balu Siva Sai Chandra	P	A	P	P	P
12	17A35A0316	Mummidi Anusha	A	P	A	P	P
13	17A35A0318	Chellaboina Ashok Babu	P	A	P	P	P
14	17A35A0324	Kodati Hima Kalyan	P	P	A	P	P
15	17A35A0325	Madine Durgaprasad	P	A	P	P	P
16	17A35A0328	Surampudi Hima Shankar	A	A	P	P	P
17	17A35A0329	Taneti Prajith Sundar	A	P	P	A	P
18	16A31A03F7	Nagireddi Vasumuni	P	P	A	A	P
19	16A31A03H2	Vysyaraju Sashank Kumar Raju	P	A	P	A	A
20	17A35A0332	Arimilli Krishna Vamsi	P	A	P	P	A
21	17A35A0337	Morukurthi Durga Prasad	A	P	P	P	A
22	17A35A0338	Muttareddi Ramakrishna	P	P	A	P	P
23	17A35A0342	Sepeni Tejaswa Durga Vamsi	A	P	A	P	A
24	16A31A03H7	Atti Durga Sai Trinath	P	A	P	P	P
25	16A31A03I4	Challabathula Veerendra	A	P	A	P	P
26	16A31A03I7	Dantuluri Varun Varma	P	A	P	P	P
27	17A35A0348	Doddipatla Nagarjuna Kondalarao	P	P	A	P	P
28	17A35A0356	Pechetti Dhanunjaya	A	P	P	P	A
29	17A35A0359	Yeepu Venkata Rajesh	P	A	P	P	P

B. Babu
Co-ordinator

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

Report On Electrical(Commercial) Expert Workshop

Date: 10-3-2019

Resource person details

NAME: P. RAJESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9398381738

A Electrical(Commercial) Expert Workshop was held on 5-3-2019 to 9-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of Refrigeration to the students of B.Tech III year II sem. This work shop started with basics of Applied Thermodynamics . The expert mainly focused on AIR REFRIGERATION, VCR AND VAR. The workshop participants were able to learn in depth of methodology and its real time application. 29 No of students participated in this work shop.

Co-ordinator

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Learning is Continuous (2018)

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

APSSDC R&AC LAB - FEEDBACK

Date: 9-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2018-2019

Name of the speaker : RAJESH

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

Date / Venue : 5-3-2019 to 9-3-2019/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: *Average*
- 3 Related to Subject: *Very good*
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any:

Resource person details

RAJESH APSSDC TRAINER

PRINCIPAL

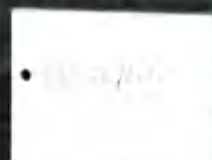
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Certificate of Completion

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This is to certify that **Chikkam Durgaprasad**

Bearing number **APSSDC/Siemens/M/41418** has successfully
completed **A Electrical(Commercial) Expert Workshop** Course
.....

Conducted at

Pragati Engineering College
.....

From **5-Mar-2019 to 9-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

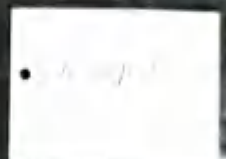
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Certificate of Completion

siemens.co.in

This is to certify that **Peruri Raviteja**

Bearing number **APSSDC/Siemens/M/41419** has successfully
completed **A Electrical(Commercial) Expert Workshop Course**
.....

Conducted at

Pragati Engineering College
.....

From **5-Mar-2019 to 9-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 19-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a FOUNDATION TO CNC WORKSHOP on 26-2-2019 to 2-3-2019 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 22-2-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 26-2-2019

P. Kumar Babu
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

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

Objective of the course

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

Topics covered

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

Ph. 08672 - 255555, 24. Website: www.pragati.ac.in

Outcome of the course

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

- Appreciate the importance of CNC lathe and CNC Milling machines.
- Understand the codes (G-code and MCode) used in CNC machines for programming.
- Develop Programming skills and create 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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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0307	Bodapati Aditya Sai Sumanth	Sumanth
2	16A31A0326	Ashok Kandregula	Ashok
3	16A31A0329	Katta Sri Sai Pavan	Sai
4	16A31A0334	Molleti Siva Kumar	Kumar
5	17A35A0302	Bonda Swamy	Swamy
6	17A35A0307	Chelluri Venkat	Venkat
7	17A35A0309	Ganni Sai Kiran	Sai Kiran
8	16A31A0370	Dangeti Srinivas	Srinivas
9	16A31A0372	Golla Siva Ganesh	Ganesh
10	16A31A0377	Kattoji Raju	Raju
11	16A31A0378	Koduri Veerababu	Veerababu
12	16A31A0380	Vidya Sagar	Sagar
13	16A31A0381	Kunaparaju Sai Rama Raju	Rama Raju
14	16A31A0384	Magapu Sriram	Sriram
15	16A31A03A0	Penke Omsrisai Krishna	KRISHNA
16	17A35A0315	Yadav Akhilesh Vishnu	Vishnu
17	16A31A03C4	Cheepurupallii Krishnarjun	Krishnarjun
18	16A31A03C8	Duppatla Bhagavan	Bhagavan
19	16A31A03F1	Lanka Ravi Teja	Teja
20	16A31A03F8	Naidani Pavankumar	Pavan
21	16A31A03G4	Puram Murali	Murali
22	16A31A03I1	Boddu Lokesh Kumar	Lokesh
23	16A31A03J4	Jana Rohith Sai	Sai
24	16A31A03K4	Magapu Santhosh	Santhosh
25	16A31A03K5	Malladi Veerababu	Veerababu
26	16A31A03L0	Pasala Saisandeep	Sandeep
27	17A35A0341	Putchu Krishna	Krishna
28	17A35A0352	Kedasi Krishna Deepak	Deepak
29	17A35A0353	Kondayypalepu V V S K Kesava Simha	Simha
30	17A35A0355	Pammi Vineeth Kumar	Kumar

Co-ordinator

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STUDENTS ATTENDED

S.NO	ROLL NO	26/2	27/2	28/2	1/3	2/3						
1	16A31A0307	P	A	P	P	A						
2	16A31A0326	P	P	P	P	P						
3	16A31A0329	A	A	P	P	A						
4	16A31A0334	P	P	P	P	P						
5	17A35A0302	A	P	P	P	P						
6	17A35A0307	P	P	P	A	P						
7	17A35A0309	P	P	P	P	P						
8	16A31A0370	A	P	P	P	P						
9	16A31A0372	P	P	P	P	P						
10	16A31A0377	P	P	A	P	A						
11	16A31A0378	P	P	P	P	P						
12	16A31A0380	A	P	P	P	P						
13	16A31A0381	P	P	P	P	A						
14	16A31A0384	P	P	P	P	P						
15	16A31A03A0	P	P	P	P	P						
16	17A35A0315	P	P	P	P	A						
17	16A31A03C4	A	P	P	P	P						
18	16A31A03C8	P	P	P	P	P						
19	16A31A03F1	P	P	A	P	P						
20	16A31A03F8	A	P	P	P	A						
21	16A31A03G4	P	P	P	A	P						
22	16A31A03I1	P	P	P	P	A						
23	16A31A03J4	P	P	P	P	P						
24	16A31A03K4	A	A	P	P	A						
25	16A31A03K5	P	A	P	P	P						
26	16A31A03L0	P	A	P	P	P						
27	17A35A0341	A	A	P	P	P						
28	17A35A0352	P	P	P	P	A						
29	17A35A0353	P	P	P	P	P						
30	17A35A0355	A	P	P	P	P						

Co-ordinator

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Report On Foundation to CNC Workshop

Date: 3-3-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

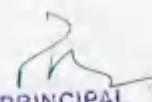
CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 26-2-2019 to 2-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech III 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

#1


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APSSDC CNC LAB - FEEDBACK

Date: 2-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : BACHI

Title of Training Program : "FOUNDATION TO CNC".

Date / Venue : 26-2-2019 to 2-3-2019/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: 5

3 Related to Subject: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Good Explanation

8/10

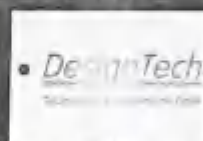
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This is to certify that ***Molleti Siva Kumar***

Bearing number ***APSSDC/Siemens/M/57968*** has successfully
completed **CNC TURNING FOUNDATION** Course

Conducted at

Pragati Engineering College

From **26-Feb-2019 to 2-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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Certificate of Completion

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This is to certify that **Bonda Swamy**

Bearing number **APSSDC/Siemens/M/57969** has successfully
completed **CNC TURNING FOUNDATION** Course

.....
Conducted at

Pragati Engineering College
.....

From **26-Feb-2019 to 2-Mar-2019**

Siemens Industry Software India Pvt. Ltd

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date:03-12-2018

CIRCULAR

It is to inform all the students of B.Tech IVyear IIsem that the Department of Mechanical Engineering is planning to organize a FOUNDATION TO CNC WORKSHOP on 10-12-2018 to 29-12-2018 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 6-12-2018. The no. of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 10-12-2018

P. Kurnel Baby
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

[Signature]

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

Objective of the course

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

Topics covered

Week-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-ordinate

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

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

Outcome of the course

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

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

[Signature]
Co-ordinator

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

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	15A31A0301	Desetti Vijaya Lakshmi	Desetti
2	15A31A0304	Narala Udaya Sri	Narala Sri
3	15A31A0305	Harika Sri Bhavani Putchala	Harika
4	15A31A0322	Vinay Teja Kokkirimetla	Vinay Teja
5	16A35A0301	Dadala Ratna Kumar	Dadala
6	16A35A0302	Tatapudi Mahima Rani	Mahima Rani
7	16A35A0303	Bonu Rajesh	Rajesh
8	16A35A0304	Katta Ajay Kumar	Ajay
9	16A35A0308	Rayudu Venkata Siva Kumar	Rayudu
10	16A35A0309	Harish Sriyadula	Sriyadula
11	15A31A0362	Akkiseti Naga Jyothi	Jyothi
12	15A31A0365	Surla Mahalakshmi Venkata Preethi	Preethi
13	15A31A0368	Anuroop Satya Siva Kumar Allanki	Allanki
14	15A31A0374	Naga Aravind Boppana	Aravind
15	15A31A0376	Dandamudi Chandra Varasi	Varasi
16	15A31A0379	Giduturu Nagendra	Nagendra
17	15A31A0390	Mani Karthik Kondapalli	Karthik
18	15A31A0393	Satish Kudelli	Satish
19	15A31A03A6	Ramoju Rambabu	Rambabu
20	15A31A03A9	Sabbella Satish Reddy	Sabbella
21	15A31A03B1	Surnapudi Sai Venkata Aditya	Aditya
22	15A31A03B2	Talari Aravind	Aravind
23	16A35A0314	Harish Bolla	Bolla
24	16A35A0317	Maturi Suryaprakash	Suryaprakash
25	16A35A0318	Mortha Durga Sree Raghava	Raghava
26	16A35A0323	Satya Sai Kumar Rayudu	Sai Kumar
27	15A31A03C2	Siva Ganesh Athi	Ganesh
28	15A31A03C5	Sridhar Bathina	Sridhar
29	15A31A03C7	Borra Veera Venkata Sandeep	Sandeep
30	15A31A03D1	Prasanth Chikka	Prasanth
31	15A31A03E9	Konkipudi Manikanta	Manikanta
32	15A31A03F2	Phaneendra Lokavarapu	Lokavarapu
33	15A31A03G3	Gangadhara Ramarao Pasupuleti	Ramarao
34	15A31A03G4	Siva Peta	Peta
35	16A35A0331	Peddi Venkata Sai Ajay Kumar	Sai Ajay
36	16A35A0332	Sai Kumar Penupothula	Penupothula
37	16A35A0333	Ujjuri Naveen Sai	Naveen
38	16A35A0334	Rama Teja Doddacharyulu Vangala	Vangala
39	15A31A03I0	Prehlad Yerramsetti Naga Chakra	Chakra
40	15A31A03I3	Manikanta Annamdevula	Annamdevula
41	15A31A03I8	Bonu Avinash	Avinash
42	15A31A03K9	Aditya Mutha	Mutha
43	16A35A0344	Mokara Venkatesh	Venkatesh
44	16A35A0345	Muppidi Surya Charanreddy	Surya
45	16A35A0349	Sudhamsetti Sai Anudeep	Anudeep

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



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

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

STUDENTS ATTENDED

S.NO	ROLL NO	10/12	12/12	14	17	21/12	24/12	28/12	29/12	
1	15A31A0301	P	P	A	A	P	P	P	P	
2	15A31A0304	A	P	P	P	P	P	A	P	
3	15A31A0305	P	P	P	P	P	A	P	P	
4	15A31A0322	P	P	P	P	P	P	A	P	
5	16A35A0301	A	P	P	P	P	P	P	P	
6	16A35A0302	A	P	P	P	P	P	P	P	
7	16A35A0303	P	P	P	P	P	P	P	P	
8	16A35A0304	P	P	P	A	P	P	P	A	
9	16A35A0308	P	P	A	A	P	P	A	P	
10	16A35A0309	P	P	P	P	P	P	A	P	
11	15A31A0362	P	P	P	P	P	P	P	P	
12	15A31A0365	P	P	A	P	A	P	P	P	
13	15A31A0368	P	P	P	P	P	P	A	P	
14	15A31A0374	P	P	P	P	P	P	A	A	
15	15A31A0376	A	A	A	P	P	P	P	P	
16	15A31A0379	P	A	P	P	P	P	P	P	
17	15A31A0390	P	P	P	P	P	A	P	P	
18	15A31A0393	A	P	A	P	P	P	A	P	
19	15A31A03A6	P	P	A	P	P	P	A	P	
20	15A31A03A9	A	A	P	P	P	P	A	A	
21	15A31A03B1	P	P	P	P	P	P	P	P	
22	15A31A03B2	P	P	P	P	P	P	P	P	
23	16A35A0314	A	P	A	P	P	P	P	P	
24	16A35A0317	A	P	P	P	A	P	P	P	
25	16A35A0318	P	P	P	A	P	P	P	P	
26	16A35A0323	P	P	P	P	P	P	P	P	
27	15A31A03C2	A	P	P	A	P	P	P	P	
28	15A31A03C5	D	A	A	A	P	P	A	P	
29	15A31A03C7	A	P	P	A	P	P	A	P	
30	15A31A03D1	A	P	P	P	P	P	A	A	
31	15A31A03E9	P	P	P	P	P	P	A	P	
32	15A31A03F2	A	P	P	P	P	P	A	P	
33	15A31A03G3	P	A	A	P	P	P	P	P	
34	15A31A03G4	P	P	P	P	P	P	P	P	
35	16A35A0331	A	P	A	P	P	P	A	P	
36	16A35A0332	A	P	P	P	A	P	A	P	
37	16A35A0333	A	P	P	A	P	P	A	P	
38	16A35A0334	A	P	P	A	P	P	A	P	
39	15A31A0310	P	A	P	A	P	P	P	P	
40	15A31A0313	P	P	A	A	P	A	P	P	
41	15A31A0318	P	P	P	P	P	P	P	P	
42	15A31A03K9	P	P	P	P	P	P	P	P	
43	16A35A0344	P	P	P	P	P	P	P	P	
44	16A35A0345	P	P	A	P	P	P	P	P	
45	16A35A0349	P	P	P	P	P	P	A	P	

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

Report On Foundation to CNC Workshop

Date: 30-12-2018

Resource person details

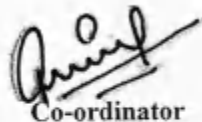
NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

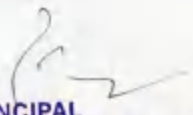
CONTACT DETAILS

PHONE NO: 9550990973

A foundation to CNC workshop was held on 10-12-2018 to 29-12-2018 in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech IV year II sem. This work shop started with basics of CNC and its working principles. The expert mainly focused on coding on CNC lathe machine. The workshop participants were able to learn in depth of methodology and its real time application with hands on experience. 45 No of students participated in this work shop.



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APSSDC CNC LAB - FEEDBACK

Date: 29-12-2018

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : BACHI

Title of Training Program : "FOUNDATION TO CNC".

Date / Venue : 10-12-2018 to 29-12-2018 / Apssdc CNC Lab

Please evaluate on a scale of 5;

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

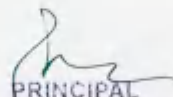
1 Usefulness of Topic: 4

2 Method of Delivery: 4

3 Related to Subject: 4

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

5 Suggestions if any: - NO -


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Bearing number ***APSSDC/Siemens/M/55522*** has successfully
completed **CNC TURNING FOUNDATION** Course
.....

Conducted at

Pragati Engineering College
.....

From **10-Dec-2018 to 29-Dec-2018**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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Bearing number ***APSSDC/Siemens/M/55523*** has successfully
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.....
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.....

From **10-Dec-2018 to 29-Dec-2018**

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APSSDC

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 27-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a EXPERT TO CNC WORKSHOP on 6-3-2019 to 11-3-2019 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 3-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: CNC LAB MECHANICAL DEPARTMENT

Date: 6-3-2019

P. Kurnel Baby
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

HSE

[Signature]
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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-ordinate

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

Handwritten signature
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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0307	Bodapati Aditya Sai Sumanth	<i>Bodapati</i>
2	16A31A0326	Ashok Kandregula	<i>Ashok</i>
3	16A31A0329	Katta Sri Sai Pavan	<i>Pavan</i>
4	16A31A0334	Molleti Siva Kumar	<i>Kumar. Molleti</i>
5	17A35A0302	Bonda Swamy	<i>Swamy</i>
6	17A35A0307	Chelluri Venkat	<i>Venkat</i>
7	17A35A0309	Ganni Sai Kiran	<i>Saikiran</i>
8	16A31A0370	Dangeti Srinivas	<i>Srinivas</i>
9	16A31A0372	Golla Siva Ganesh	<i>Ganesh</i>
10	16A31A0377	Kattoji Raju	<i>Raju</i>
11	16A31A0378	Koduri Veerababu	<i>Veerababu</i>
12	16A31A0380	Vidya Sagar	<i>Sagar</i>
13	16A31A0381	Kunaparaju Sai Rama Raju	<i>Raju</i>
14	16A31A0384	Magapu Sriram	<i>Sriram</i>
15	16A31A03A0	Penke Omsrisai Krishna	<i>Krishna P.</i>
16	17A35A0315	Yadav Akhilesh Vishnu	<i>Vishnu Yadav</i>
17	16A31A03C4	Cheepurupallii Krishnarjun	<i>Krishnarjun</i>
18	16A31A03C8	Duppatta Bhagavan	<i>Bhagavan</i>
19	16A31A03F1	Lanka Ravi Teja	<i>Teja</i>
20	16A31A03F8	Naidani Pavankumar	<i>Pavankumar</i>
21	16A31A03G4	Puram Murali	<i>Murali</i>
22	16A31A03I1	Boddu Lokesh Kumar	<i>Lokesh</i>
23	16A31A03J4	Jana Rohith Sai	<i>Sai Jana</i>
24	16A31A03K4	Magapu Santhosh	<i>Santhosh</i>
25	16A31A03K5	Malladi Veerababu	<i>Veerababu</i>
26	16A31A03L0	Pasala Saisandeep	<i>Sandeep Sai</i>
27	17A35A0341	Putcha Krishna	<i>Krishna P.</i>
28	17A35A0352	Kedasi Krishna Deepak	<i>Deepak</i>
29	17A35A0353	Kondayypalepu V V S K Kesava Simha	<i>Simha Kesava</i>
30	17A35A0355	Pammi Vineeth Kumar	<i>VINEETH</i>

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

Report On Expert to CNC Workshop

Date: 12-3-2019

Resource person details

NAME: A. BACHI

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9550990973

A Expert to CNC workshop was held on 6-3-2019 to 11-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of fundamentals of CNC to the students of B.Tech III 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.


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APSSDC CNC LAB - FEEDBACK

Date: 11-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : BACHI

Title of Training Program : "EXPERT TO CNC".

Date / Venue : 6-3-2019 to 11-3-2019/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: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: NO suggestions.

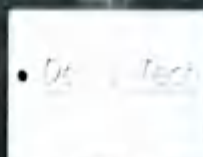
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This is to certify that ***Molleti Siva Kumar***

Bearing number ***APSSDC/Siemens/M/69130*** has successfully
completed **EXPERT TO CNC WORKSHOP** Course

Conducted at

Pragati Engineering College

From **6-Mar-2019 to 11-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

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This is to certify that **Bonda Swamy**

Bearing number **APSSDC/Siemens/M/69131** has successfully
completed **EXPERT TO CNC WORKSHOP** Course

Conducted at

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From **6-Mar-2019 to 11-Mar-2019**

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 6-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 13-2-2019 to 21-2-2019 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 9-2-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 13-2-2019

P. Kurnel Baby
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

ht

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3


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

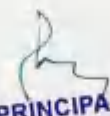
TOPIC-4

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

TOPIC-5

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


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Learning in Repetitive Cycles

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

Outcome of the course

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

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

Q
Co-ordinator

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Ph: 0852 - 242333, 34 Website: www.pragati.ac.in

STUDENTS ENROLLED

S.N O	ROLL NO	NAME	SIGNATURE
1	17A31A0339	Raavi Nagaveera Manikanta	R.N.V. Manikanta
2	17A31A0357	Venneti Lakshmi Narayana	Narayana
3	18A35A0303	Abdul Waiz Qureshi	Qureshi
4	18A35A0308	Kondeti Durga Saikiran	Saikiran
5	18A35A0311	Merapureddy Ramesh	Ramesh
6	18A35A0312	Nammi Sai Vamsi Krishna	Vamsi Krishna
7	17A31A0359	Kondeti Jaya Durganjali	Durganjali
8	17A31A0360	Kuppili Padmini	Padmini
9	17A31A0381	Illuri Surya Venkata Santhosh	Santhosh
10	17A31A0391	Madeti Veera Venkata Sai Pocha Ganesh	Ganesh
11	17A31A03A5	Pithani Anand Raj Kumar	ANAND
12	17A31A03B2	Totakura Venkata Vishnu Teja	Teja Vishnu
13	17A31A03C5	Dadi Veera Venkata Sai Manoj	Manoj
14	17A31A03D4	Jatla Mani Kumar	Mani Kumar
15	17A31A03E3	Lanka Anand	Anand
16	17A31A03F5	Pilla Mouli Swaroop	Swaroop
17	18A35A0334	Kondeti Pavan Kumar	Pavan Kumar
18	18A35A0337	Vasamsetti Sai Manikanta	Sai Manikanta
19	17A31A03K6	Lokesh Sri Sai Vanumu	Sri Sai Vanumu
20	17A31A03L0	M Lakshmi Venkata Sai Ramakrishna	Ramakrishna
21	17A31A03L6	Padam Balakrishna	Balakrishna
22	17A31A03M1	Polavarapu Venkata Durga Naveen	Naveen
23	17A31A03N1	Vurakaranam Nikhil	Nikhil
24	18A35A0345	Pulimetla Bhushan Kumar	Bhushan Kumar
25	18A35A0349	Uppalapati Vissu Babu	Vissu Babu

Co-ordinator

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

STUDENTS ATTENDED

NO	ROLL NO	13/2	14/2	15/2	19/2	20/2	21/2			
1	17A31A0339	P	A	P	P	P	P			
2	17A31A0357	P	P	A	P	P	P			
3	18A35A0303	P	P	P	P	P	P			
4	18A35A0308	A	A	P	P	P	P			
5	18A35A0311	P	P	P	A	P	P			
6	18A35A0312	P	P	P	P	P	P			
7	17A31A0359	P	A	P	P	P	P			
8	17A31A0360	P	P	P	P	P	P			
9	17A31A0381	A	P	P	P	A	P			
10	17A31A0391	P	A	P	P	A	P			
11	17A31A03A5	P	P	P	P	P	P			
12	17A31A03B2	P	P	P	A	P	P			
13	17A31A03C5	P	P	P	A	P	P			
14	17A31A03D4	A	P	P	P	P	P			
15	17A31A03E3	A	P	P	P	P	P			
16	17A31A03F5	P	A	P	P	P	P			
17	18A35A0334	P	A	P	P	P	P			
18	18A35A0337	P	A	P	P	P	P			
19	17A31A03K6	P	A	P	P	P	P			
20	17A31A03L0	P	A	P	P	P	P			
21	17A31A03L6	P	P	P	P	A	P			
22	17A31A03M1	P	P	P	P	A	P			
23	17A31A03N1	P	A	P	P	P	P			
24	18A35A0345	P	P	P	P	P	P			
25	18A35A0349	P	P	P	P	P	P			

70

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

Report On Basic Foundation of Welding

Date: 22-2-2019

Resource person details

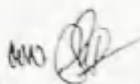
NAME: MUKESH

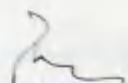
DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 13-2-2019 to 21-2-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding, TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 25 no of students participated in this work shop.


Co-ordinator


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APSSDC WELDING LAB - FEEDBACK

DEPARTMENT : Mechanical Engineering

Date: 21-2-2019

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

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

Date / Venue : 13-2-2019 to 21-2-2019/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: Excellent
- 2 Method of Delivery: Very good
- 3 Related to Subject: good
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: - NO -

Handwritten signature

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Bearing number ***APSSDC/Siemens/M/61259*** has successfully
completed **BASIC FOUNDATION OF WELDING** Course
.....

Conducted at

Pragati Engineering College
.....

From **13-Feb-2019 to 21-Feb-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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This is to certify that **Venneti Lakshmi Narayana**

Bearing number **APSSDC/Siemens/M/61260** has successfully
completed **BASIC FOUNDATION OF WELDING** Course
.....

Conducted at

Pragati Engineering College
.....

From **13-Feb-2019 to 21-Feb-2019**

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APSSDC

Design Tech Systems Limited

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 19-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 26-2-2019 to 2-3-2019 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 23-2-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 26-2-2019

P. Kunal Babu
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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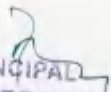
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Outcome of the course

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

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

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0314	Chinta Pavan Saketh	<i>Saketh</i>
2	17A31A0332	Mogga Yelia	<i>Yelia</i>
3	17A31A0333	Nandikolla Kumarasai Vasanth	<i>Vasanth</i>
4	17A31A0343	Saladi Veera Venkata Lakshmi Narasimha	<i>Narasimha</i>
5	17A31A0344	Sasubelli Akhil Vinay	<i>Vinay</i>
6	17A31A0358	Dwarampudi Sri Ramya Sudha	<i>Sudha</i>
7	17A31A0364	Nedunuri Sai Akhila Amrutha	<i>Amrutha</i>
8	17A31A0368	Nunna Srilatha	<i>Srilatha</i>
9	17A31A03B6	Yarraji Jai Sai	<i>Jaisai</i>
10	18A35A0321	Mogga Venkatesh	<i>Venkatesh</i>
11	18A35A0324	Revada Nani	<i>Nani</i>
12	18A35A0325	Singampalli Narendra	<i>Narendra</i>
13	18A35A0326	Vanapalli Charan Sai	<i>Charan</i>
14	17A31A0311	Bandaru Kranthi Kumar	<i>Kranthi Kumar</i>
15	17A31A0316	Dasari Shalem Living Stone	<i>Living Stone</i>
16	17A31A03J4	Golla Vvs Swamy Ayyappa	<i>Ayyappa</i>
17	17A31A03K2	Kelangi Rajeshkumar	<i>Rajesh</i>
18	17A31A03L5	Neelapala Rama Gangadhara Rao	<i>Rama Gangadhara</i>
19	17A31A03M2	Pynda V.S.S.S.S.M.Sumanth	<i>Sumanth</i>
20	18A35A0348	Tamarana Surya Teja	<i>Surya Teja</i>

[Signature]
Co-ordinator

He

[Signature]
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STUDENTS ATTENDED

S.NO	ROLL NO	26/2	27/2	28/2	1/3	2/3							
1	17A31A0314	P	A	P	P	P							
2	17A31A0332	P	A	P	P	P							
3	17A31A0333	P	P	P	P	P							
4	17A31A0343	P	P	A	P	P							
5	17A31A0344	P	P	A	P	P							
6	17A31A0358	P	P	P	A	P							
7	17A31A0364	P	P	P	A	P							
8	17A31A0368	A	P	P	P	P							
9	17A31A03B6	A	P	P	P	P							
10	18A35A0321	P	P	P	A	P							
11	18A35A0324	P	P	A	P	P							
12	18A35A0325	P	P	A	P	P							
13	18A35A0326	P	P	P	A	P							
14	17A31A0311	P	P	P	P	P							
15	17A31A0316	A	P	P	P	P							
16	17A31A03J4	P	P	P	P	P							
17	17A31A03K2	P	A	P	P	P							
18	17A31A03L5	P	P	P	P	P							
19	17A31A03M2	A	P	P	P	P							
20	18A35A0348	P	P	P	P	P							

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Report On Basic Foundation of Welding

Date: 3-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 26-2-2019 to 2-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding, TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 20 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date: 2-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

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

Date / Venue : 26-2-2019 to 2-3-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5;

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

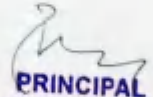
1 Usefulness of Topic: **GOOD**

2 Method of Delivery: **GOOD**

3 Related to Subject: **GOOD**

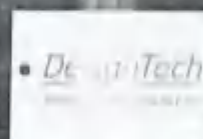
4 Is the Topic useful for career: **YES/NO**

5 Suggestions if any: **- NO SUGGESTIONS -**


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Conducted at

Pragati Engineering College

From **26-Feb-2019 to 2-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

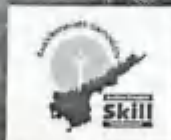
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From **26-Feb-2019 to 2-Mar-2019**

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 1-3-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 8-3-2019 to 14-3-2019 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 4-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 8-3-2019

P. Kurnel Babu
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

He

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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3


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

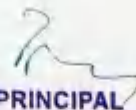
TOPIC-4

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

TOPIC-5

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


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

Outcome of the course

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

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

R
Co-ordinator


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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0329	Masavarapu Rohith	Rohith
2	18A35A0305	Chukka Ajay Kumar	Ajay Kumar
3	18A35A0309	Kusunuri Naga Venkata Siva Sai Krishna	Krishna
4	18A35A0310	Mantri Lakshminarasimha Murthy	Murthy
5	17A31A0361	Mudi Raja Rajeswari	Rajeswari
6	17A31A0366	Pampana Lavanya	Lavanya
7	17A31A0378	Gadi Venkat Sandeep	SANDEEP.
8	17A31A0386	Allanki Anudeep	Anudeep
9	17A31A0388	K Vigneswara Venkata Phanendra Gokul	Gokul
10	17A31A0389	Kukkala Yaswanth Teja	Teja
11	17A31A0393	Manda Akhil Yuvaraj	Yuvaraj
12	17A31A03A6	Rameswarapu Anantha Lakshman	Lakshman
13	17A31A03B5	Vuda Rohit	Rohit
14	17A31A03E0	Kothala Suryavadan	Suryavadan
15	17A31A03F3	Peetha Suresh	Suresh
16	17A31A03G7	Vadapalli Pavan Kumar	Pavan Kumar
17	18A35A0331	Gandepalli Sai Surya Teja	Surya Teja
18	18A35A0336	Vadrevu Mohan Siva Naveen	Naveen
19	17A31A03H8	Allu Abhishek Kumar	Abhishek
20	17A31A03J9	Karanam Yaswanth	Yaswanth
21	17A31A03K8	Mediseti Mani Kumar	Mani
22	17A31A03L9	Kona Prabhu Teja	Teja
23	17A31A03M5	Sambangi Venkat Yaswanth	Yaswanth
24	17A31A03M7	Seetala Boby Jones	Boby Jones
25	17A31A03N2	V Venkata krishna	Krishna

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STUDENTS ATTENDED

S.NO	ROLL NO	8/3	9/3	11/3	12/3	13/3	14/3						
1	17A31A0329	P	P	P	P	P	P						
2	18A35A0305	P	P	P	P	P	P						
3	18A35A0309	P	A	P	P	P	P						
4	18A35A0310	P	P	A	P	P	P						
5	17A31A0361	A	P	P	A	P	P						
6	17A31A0366	P	P	P	P	P	P						
7	17A31A0378	P	A	P	P	A	P						
8	17A31A0386	P	P	P	P	P	A						
9	17A31A0388	A	P	P	P	P	P						
10	17A31A0389	P	P	P	P	P	P						
11	17A31A0393	P	A	A	P	P	P						
12	17A31A03A6	P	P	P	P	P	A						
13	17A31A03B5	A	P	P	A	P	P						
14	17A31A03E0	P	P	P	P	A	P						
15	17A31A03F3	P	P	P	P	P	P						
16	17A31A03G7	P	A	P	P	P	P						
17	18A35A0331	P	P	P	A	P	P						
18	18A35A0336	A	P	P	P	P	P						
19	17A31A03H8	P	P	P	P	P	P						
20	17A31A03J9	P	P	A	P	P	P						
21	17A31A03K8	P	A	P	P	P	A						
22	17A31A03L9	P	P	P	P	A	P						
23	17A31A03M5	P	P	P	P	P	P						
24	17A31A03M7	P	P	P	A	P	P						
25	17A31A03N2	A	P	P	P	P	P						

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Report On Basic Foundation of Welding

Date: 15-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 8-3-2019 to 14-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH III year II sem. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding, TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 25 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB – FEEDBACK

Date: 14-3-2019

DEPARTMENT : Mechanical Engineering

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

Title of Training Program : “ EXPERT OF WELDING”.

Date / Venue : 8-3-2019 to 14-3-2019/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: 5

2 Method of Delivery: 5

3 Related to Subject: 5

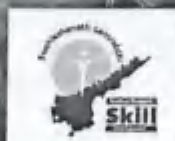
4 Is the Topic useful for career: YES/NO

5 Suggestions if any: —

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Bearing number ***APSSDC/Siemens/M/73132*** has successfully
completed **BASIC FOUNDATION OF WELDING** Course

Conducted at

Pragati Engineering College

From **8-Mar-2019 to 14-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

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This is to certify that **Chukka Ajay Kumar**

Bearing number **APSSDC/Siemens/M/73133** has successfully
completed **BASIC FOUNDATION OF WELDING** Course

Conducted at

Pragati Engineering College

From **8-Mar-2019 to 14-Mar-2019**

Siemens Industry Software India Pvt. Ltd

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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 4-3-2019

CIRCULAR

It is to inform all the students of B.Tech Iyear IIsem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 11-3-2019 to 15-3-2019 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 8-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 11-3-2019

P. Kurnel Baby
HOD - ME

Copy to

Circulate among ME Students and Faculty.

Dept. File.

ME Notice Board

Principal for information.

[Signature]

[Signature]
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Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3


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


TOPIC-4

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

TOPIC-5

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


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

Outcome of the course

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

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


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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	18A31A0302	Cheekatlasravani Jyothi Varalakshmi	Varalakshmi
2	18A31A0304	Krupamaheswari	mahi
3	18A31A0305	Bondapalli Manojina	Manojina
4	18A31A0307	Srikivakshika Kalyani	Kalyani
5	18A31A0311	Bejawadajagadishvara	Jagadish
6	18A31A0325	Gonemadathalaveera Venkata Satyanarayana	Satyanarayana
7	18A31A0330	Katipallisweet Babu	Sweet Babu
8	18A31A0338	Namanagababu	N
9	18A31A0344	Sashendra Srinivas Baswanthpeppula	Sashendra
10	18A31A0345	Patnalaguna Sagar	Sagar
11	18A31A0346	Sanjay Joshipeyyala	Sanjay
12	18A31A0347	Pilla Sandeep	Sandeep
13	18A31A0348	Pylaganesh	P. Pylaganesh
14	18A31A0351	Vittanalapavan Kumar	Kumar
15	18A31A0352	Yennanasatya Prabhakar Murthy	Murthy
16	18A31A0359	Chikkalavinayak	Vinayak
17	18A31A0360	Darbhassandeep Datta	Datta
18	18A31A0366	Kondapukrishna Sai	Sai
19	18A31A0368	Kotikalapudivishnu Kalyan	Kalyan
20	18A31A0369	Kutchumaniteja	Teja
21	18A31A0371	Medisettisuneeel Kumar	Kumar
22	18A31A0378	Munmidimukesh Rama Krishna	Rama Krishna
23	18A31A0380	Naidusathish	N. Sathish
24	18A31A0381	Nathipamganesh	Nathipamganesh
25	18A31A0386	Pithanid M Satya Sai Vara Prasad	Vara Prasad
26	18A31A0388	Poturisaikrishna	Saikrishna
27	18A31A0398	Tirumalanadunisandeep	Sandeep
28	18A31A03A1	Verikondilakshmikummar	Lakshmi Kummar
29	18A31A03A3	Yandra Bharath Kalyan	Bharath
30	18A31A03A4	Yella Lakshmi Narendra	Narendra
31	18A31A03A8	Desalanka Padma Dora	Padma Dora
32	18A31A03B4	Gosangisai Teja	Teja
33	18A31A03D4	Pyla Shalem Kumar	Kumar Pyla

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STUDENTS ATTENDED

S.NO	ROLL NO	11/3	12/3	13/3	14/3	15/3								
1	18A31A0302	P	P	P	P	P								
2	18A31A0304	P	P	P	P	P								
3	18A31A0305	P	P	P	P	P								
4	18A31A0307	P	P	P	A	P								
5	18A31A0311	P	P	P	P	P								
6	18A31A0325	P	P	P	P	A								
7	18A31A0330	P	P	P	P	P								
8	18A31A0338	A	P	P	P	P								
9	18A31A0344	P	P	P	P	P								
10	18A31A0345	P	P	A	P	P								
11	18A31A0346	P	P	P	P	A								
12	18A31A0347	P	A	P	P	P								
13	18A31A0348	P	P	P	P	P								
14	18A31A0351	P	P	P	P	P								
15	18A31A0352	P	P	P	A	P								
16	18A31A0359	P	P	P	P	P								
17	18A31A0360	P	P	A	P	P								
18	18A31A0366	A	P	P	P	P								
19	18A31A0368	P	P	P	P	P								
20	18A31A0369	P	P	P	P	A								
21	18A31A0371	P	P	P	P	P								
22	18A31A0378	P	A	P	P	P								
23	18A31A0380	P	P	P	P	P								
24	18A31A0381	P	P	P	P	P								
25	18A31A0386	P	P	A	P	P								
26	18A31A0388	P	P	P	A	P								
27	18A31A0398	A	P	P	P	P								
28	18A31A03A1	P	P	P	P	A								
29	18A31A03A3	P	P	A	P	P								
30	18A31A03A4	P	P	P	P	P								
31	18A31A03A8	P	P	P	P	P								
32	18A31A03B4	P	A	P	P	P								
33	18A31A03D4	P	P	P	P	A								

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

Report On Basic Foundation of Welding

Date: 16-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 11-3-2019 to 15-3-2019 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.Tech I 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. 33 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date: 15-3-2019


DEPARTMENT : Mechanical Engineering
ACADEMIC YEAR : 2019-2020
Name of the speaker : MUKESH
Title of Training Program : "BASIC FOUNDATION OF WELDING".

Date / Venue : 11-3-2019 to 15-3-2019/Apssdc WELDING Lab

Please evaluate on a scale of 5;

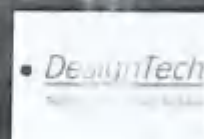
5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

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


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

Conducted at

Pragati Engineering College
.....


From **11-Mar-2019 to 15-Mar-2019**

Siemens Industry Software India Pvt. Ltd

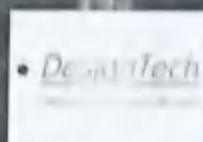
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Bearing number ***APSSDC/Siemens/M/73385*** has successfully
completed **BASIC FOUNDATION OF WELDING** Course
.....

Conducted at

Pragati Engineering College
.....

From **11-Mar-2019 to 15-Mar-2019**

Siemens Industry Software India Pvt. Ltd

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

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



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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date: 24-12-2018

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Mechanical Engineering is planning to organize a LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP on 31/12/2018 to 12/2/2019 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 28-12-2018. The no. of participants to this are limited, preference is based on first come first basis.

Venue: DASSAULT LAB MECHANICAL DEPARTMENT
Date: 31/12/2018

P. Kurnel Babu
HOD - ME

Copy to

Circulate among ME Students and Faculty.
Dept. File.

ME Notice Board

Principal for information.

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

Objective of the course

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

Topic Covered

LEVEL A (CATIA, DELMIA, SIMULIA)

Week 1

CATIA V5 Fundamentals:

Mr. 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
- Exercises-10 No's

Co-ordinate

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
- Manage profiles using the sketcher workbench
- Apply draft, Thickness and fillets to sketch based features



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

- 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

Dr
Co-ordinator

Principal
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Near Peddapuram, E.G.D.L. (AP)-533 437



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

Outcome of the course

Student will be able to

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

Dr
Co-ordinator

Dr

Dr
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Ph: 08852 - 252213, 14 Website: www.pragati.ac.in

STUDENTS ATTENDED

S.NO	ROLL NO	3/12	4/1	9/1	16/1	23/1	30/1	6/2	12/2		
1	15A31A03F0	P	P	P	A	P	P	P	P		
2	16A35A0336	P	P	P	P	P	P	P	P		
3	16A35A0333	P	P	P	P	A	P	P	A		
4	15A35A03G4	P	P	A	P	P	P	P	P		
5	15A31A03C2	P	P	P	P	P	P	P	P		
6	15A31A03D7	P	P	P	P	P	A	P	P		
7	15A31A03E9	A	P	P	P	P	P	P	P		
8	15A31A0352	P	P	P	P	P	P	A	P		
9	15A31A03C5	P	P	A	P	P	P	P	P		
10	15A31A0327	P	P	P	P	P	P	P	P		
11	16A35A0307	P	P	P	A	P	P	P	A		
12	15A31A03L9	A	P	P	P	P	P	P	P		
13	15A31A03I4	P	P	P	P	A	P	P	P		
14	15A31A03K8	P	P	P	P	P	P	A	P		
15	15A31A03I3	P	P	P	P	P	A	P	P		
16	15A31A03D8	P	P	A	P	P	P	P	P		
17	15A31A03H7	P	P	P	P	P	P	P	A		
18	15A31A03H8	P	P	P	A	P	P	P	P		
19	16A35A0304	P	A	P	P	P	P	P	P		
20	15A31A03D1	P	P	P	P	P	A	P	P		
21	15A31A03C6	A	P	P	P	P	P	P	P		
22	15A31A0346	P	P	P	P	A	P	P	P		
23	15A31A0342	P	P	P	A	P	P	P	P		
24	15A31A0348	P	P	P	P	P	P	A	P		
25	16A35A0323	P	P	A	P	P	P	P	P		
26	15A31A03A4	P	A	P	P	P	P	P	P		
27	15A31A03E3	P	P	P	P	P	P	P	A		
28	16A35A03I3	P	P	P	P	P	A	P	P		
29	16A35A03I6	A	P	P	P	P	P	P	P		
30	15A31A03H1	P	A	P	P	P	P	P	P		
31	16A35A03I4	P	P	P	P	A	P	P	P		
32	15A31A0326	P	P	P	P	P	P	A	P		
33	15A31A03H5	P	P	P	P	P	P	P	P		
34	16A35A0318	P	P	P	P	P	P	P	P		
35	15A31A03C3	P	A	P	P	P	P	P	P		
36	15A31A03C9	P	P	P	P	P	P	P	P		

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Co-ordinator



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

Date: 13-2-2019

Resource person details

NAME: SIFE ALAM

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 7205427699

A LEVEL A (CATIA,DELMIA,SIMULIA) WORKSHOP was held on 31/12/2018 to 12/2/2019 in collaboration with APSSDC. The expert from APSSDC explained various basic concepts of part design related aspects to the students of B.Tech II,III & IV year. This workshop started with basics of part design and assembly design. The expert mainly focused on Create wireframe elements, Creating Drawings and Creating Views, Assembly Workbench and Toolbars. The expert also discussed the techniques of Creating Constraints, Manage the Specific tree, Create surfaces. The students had hands on experience on the 3D Dassault LEVEL A (CATIA,DELMIA,SIMULIA). The workshop participants were able to learn in depth of methodology and its real time application. 36 no of students participated in this workshop.


Co-ordinator


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APSSDC DASSAULT 3DEXPERIENCE LAB - FEEDBACK

DEPARTMENT : Mechanical Engineering

Date: 12-2-2019

ACADEMIC YEAR : 2018-2019

Name of the speaker : SIFE ALAM

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

Date / Venue : 31/12/2018 to 12/2/2019 / 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: 5

2 Method of Delivery: 4

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: - NO

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Andhra Pradesh State Skill Development Corporation



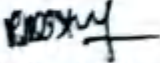
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3DEXPERIENCE


CERTIFICATE OF COMPLETION

This certifies that B.NAGA SAIKUMAR
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
held from 31-12-2019 to 12-02-2019 and is entitled to receive the recognition and benefits so
bestowed awarded on 02-04-2019


Dr. Ravi Gajjala
Chief General Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


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Srikanth Arja, IRTS
MD & CEO
APSSDC



Andhra Pradesh State Skill Development Corporation

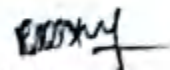



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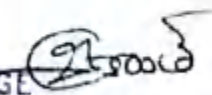


CERTIFICATE OF COMPLETION

This certifies that B.SRI YESWANTH
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
held from 31-12-2019 to 12-02-2019 and is entitled to receive the recognition and benefits so
bestowed awarded on 02-04-2019


Dr. Ravi Gajjala
Chief General Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


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Dr. Srikanth Arja, IRTS
MD & CEO
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Ph: 08852 - 252233, 34. Website: www.pragati.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,
Date: 11/2/2019

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Mechanical Engineering is planning to organize a LEVEL A (CATIA, DELMIA, SIMULIA) WORKSHOP on 18/2/2019 to 14/3/2019 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 15-2-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: DASSAULT LAB MECHANICAL DEPARTMENT
Date: 18/2/2019

A. Kurnel Babu
HOD - ME

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ME Notice Board
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Ph: 08852-257711-14 Website: www.pragati.ac.in

Objective of the course

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

Topic Covered

LEVEL A (CATIA, DELMIA, SIMULIA)

Week 1

CATIA V5 Fundamentals:

Mr. 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

CO. adinata

Week 2

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

In the sketcher module the following points were highlighted

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

Sufficient time is given for the students to practice

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

The following points were highlighted

- Create and modify sketch based features
- Perform Boolean operations such as Trim/Quick Trim
- Manage profiles using the sketcher workbench
- Apply draft, Thickness and fillets to sketch based features

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Ph: 08832 253333-34 Website: www.pragati.ac.in

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

Outcome of the course

Student will be able to

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

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Co-ordinator

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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	16131A03L3	SREENIJA PUDI	Sreenija
2	16A31A0301	MEDEPALLI VASUDHESWARI	Vasudheswari
3	16A31A0336	SUMANTH NALAM	Sumanth
4	16A31A0314	CHARAN SAI	C. Sai
5	16A31A0325	SURYA KADALI	Surya
6	16A31A0340	PONNADA SAI KRISHNA	Sai Krishna
7	16A31A0359	KARRI VEERALAKSHMI	Lakshmi
8	16A31A03B6	YELUGUBANDI SAI KUMAR	Y. Sai
9	17A35A0306	BURA LAKSHMI SAI VISHNU VARDHAN RAO	Bura
10	17A35A0313	POLAVARAPU MURALI KRISHNA	M. Krishna
11	17A35A0310	GOLLAPALLI GANGA PAVAN KUMAR	G. Pavan
12	16A31A0357	YELAMANCHILI GOVIND	Y. Govind
13	16A31A03D9	G MANIKANTA SWAMY	G. Manikanta
14	16a31a03F0	K SURYA CHANDRA KUMAR	K. Surya
15	16A31A03C9	GANDI MANIKANTA	G. Manikanta
16	16A31A03E0	J.V.V.S.VAMSI KRISHNA	J. Vamsi
17	16A31A0316	GANGIREDLA VARUN KUMAR	G. Varun
18	17A31D0402(M.tech)	SABBELLA NAGA SUBBA LAKSHMI	S. Subba
19	17A35A0320	G.NAGENDRA	G. Nagendra
20	17A35A0333	DONTHAMSETTI BRINESH	B. Brinesh
21	16A31A03G1	PALANKI YASWANTH	P. Yaswanth
22	16A31A03C3	CHAVA RAGHU VAMSI	C. Vamsi
23	16A31A03F7	NAGIREDDI VASUMUNI	N. Vasumuni

Co-ordinator

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STUDENTS ATTENDED

S.NO	ROLL NO	18/2	22/2	25/2	1/3	4/3	8/3	11/3	14/3		
1	16131A03L3	P	P	A	P	P	P	P	P		
2	16A31A0301	P	P	P	P	A	P	P	P		
3	16A31A0336	P	P	P	A	P	P	P	P		
4	16A31A0314	A	P	P	P	P	P	P	P		
5	16A31A0325	P	A	P	P	P	P	P	P		
6	16A31A0340	P	P	A	P	P	P	P	A		
7	16A31A0359	P	P	P	P	A	P	P	P		
8	16A31A03B6	P	P	P	P	P	A	P	P		
9	17A35A0306	P	P	P	A	P	P	P	P		
10	17A35A0313	A	P	P	P	P	P	P	P		
11	17A35A0310	P	P	P	P	P	A	P	A		
12	16A31A0357	P	P	A	P	P	P	P	P		
13	16A31A03D9	P	A	P	P	P	P	P	P		
14	16a31a03F0	P	P	P	P	P	A	P	P		
15	16A31A03C9	P	P	P	P	A	P	P	P		
16	16A31A03E0	P	P	P	P	P	P	A	P		
17	16A31A0316	P	P	A	P	P	P	P	P		
18	17A31D0402(M.tech)	P	P	P	P	P	P	P	A		
19	17A35A0320	P	P	P	A	P	P	P	P		
20	17A35A0333	A	P	P	P	P	P	P	P		
21	16A31A03G1	P	P	P	P	P	P	P	P		
22	16A31A03C3	P	A	P	P	P	P	P	P		
23	16A31A03F7	P	P	P	P	P	P	A	P		

Co-ordinator

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

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

Date: 15-3-2019

Resource person details

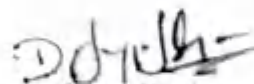
NAME: SIFE ALAM


DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 7205427699

A LEVEL A (CATIA,DELMIA,SIMULIA) WORKSHOP was held on 18/2/2019 to 14/3/2019 in collaboration with APSSDC. The expert from APSSDC explained various basic concepts of part design related aspects to the students of B.Tech II,III & IV year. This 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. 23 no of students participated in this work shop.


Co-ordinator


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APSSDC DASSAULT 3DEXPERIENCE LAB – FEEDBACK

DEPARTMENT : Mechanical Engineering

Date: 14-3-2019

ACADEMIC YEAR : 2018-2019

Name of the speaker : SIFE ALAM

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

Date / Venue : 18/2/2019 to 14/3/2019 / 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: 5

2 Method of Delivery: 4

3 Related to Subject: 4

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: - NO

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Andhra Pradesh State Skill Development Corporation

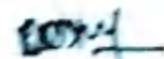
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300PERCENT

CERTIFICATE OF COMPLETION

This certifies that ponnada sai krishna
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
held from 18-02-2019 to 14-03-2019 and is entitled to receive the recognition and benefits so
bestowed awarded on 30-03-2019


Dr. Poul Gaddam
Chief General Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


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(AUTONOMOUS)
1-173, ADB ROAD, SURAMPalem
Near Yeopapuram, E.G.T. 1491-533437
Dr. Srikanth Arja, IRTS
MD & CEO
APSSDC



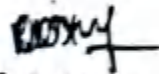
Andhra Pradesh State Skill Development Corporation

3D EXPERIENCE | The 3DEXPERIENCE Company




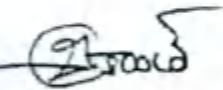
CERTIFICATE OF COMPLETION

This certifies that Sabbella Naga subba Lakshmi
from Pragati Engineering College
has successfully completed the requirements for Catia, Delmia & Simulia
held from 18-02-2019 to 14-03-2019 and is entitled to receive the recognition and benefits so
bestowed awarded on 30-03-2019


Dr. Ravi Gajula
Chief General Manager
APSSDC


Sri T Anil Kumar
Executive Director
APSSDC


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New Hyderabad


Dr. Sriharsh Arja, IRTS
MD & CEO
APSSDC



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DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem,

Date: 25-2-2019

CIRCULAR

It is to inform all the students of B.Tech III year II sem that the Department of Mechanical Engineering is planning to organize a EXPERT OF WELDING WORKSHOP on 4-3-2019 to 9-3-2019 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 1-3-2019. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 4-3-2019

P. K. Ramesh Babu
HOD - ME

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

fa

[Signature]
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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.


Coordinator


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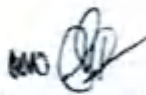
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STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
1	17A31A0314	Chinta Pavan Saketh	Saketh
2	17A31A0332	Mogga Yelia	Yelia
3	17A31A0333	Nandikolla Kumarasai Vasanth	Vasanth Nandikolla
4	17A31A0343	Saladi Veera Venkata Lakshmi Narasimha	Narasimha
5	17A31A0344	Sasubelli Akhil Vinay	Vinay
6	17A31A0358	Dwarampudi Sri Ramya Sudha	Sudha
7	17A31A0364	Nedunuri Sai Akhila Amrutha	Amrutha
8	17A31A0368	Nunna Srilatha	Srilatha
9	17A31A03B6	Yarrajai Jai Sai	Jaisai
10	18A35A0321	Mogga Venkatesh	Venkatesh
11	18A35A0324	Revada Nani	Nani
12	18A35A0325	Singampalli Narendra	Nagendra
13	18A35A0326	Vanapalli Charan Sai	Charan
14	17A31A03I1	Bandaru Kranthi Kumar	Kranthi Kumar
15	17A31A03I6	Dasari Shalem Living Stone	Shaleem
16	17A31A03J4	Golla Vvs Swamy Ayyappa	Ayyappa
17	17A31A03K2	Kelangi Rajeshkumar	Rajeshkumar
18	17A31A03L5	Neelapala Rama Gangadhara Rao	Gangadhara Rao
19	17A31A03M2	Pynda V.S.S.S.M.Sumanth	Sumanth
20	18A35A0348	Tamarana Surya Teja	Surya Teja


Co-ordinator

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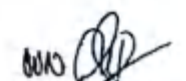
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STUDENTS ATTENDED

S.NO	ROLL NO	4/3	5/3	6/3	7/3	8/3	9/3						
1	17A31A0314	P	P	P	P	P	P						
2	17A31A0332	P	A	P	A	P	P						
3	17A31A0333	P	P	-P	P	P	P						
4	17A31A0343	P	P	A	P	P	-P						
5	17A31A0344	P	P	P	A	P	P						
6	17A31A0358	P	A	P	P	A	P						
7	17A31A0364	A	P	P	A	P	P						
8	17A31A0368	P	P	P	P	P	A						
9	17A31A03B6	P	P	P	P	P	P						
10	18A35A0321	P	P	P	P	P	P						
11	18A35A0324	P	A	P	P	P	P						
12	18A35A0325	A	P	P	A	P	P						
13	18A35A0326	P	P	P	A	P	P						
14	17A31A03I1	P	P	P	P	P	P						
15	17A31A03I6	P	P	P	P	P	P						
16	17A31A03J4	P	P	P	P	P	A						
17	17A31A03K2	A	P	P	P	A	P						
18	17A31A03L5	P	A	P	P	P	P						
19	17A31A03M2	P	P	P	P	A	P						
20	18A35A0348	P	P	A	P	P	P						


Co-ordinator


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Report On Basic Foundation of Welding

Date: 10-3-2019

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 4-3-2019 to 9-3-2019 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. 20 no of students participated in this work shop.

Handwritten signature

Handwritten signature

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

DEPARTMENT : Mechanical Engineering

Date: 9-3-2019

ACADEMIC YEAR : 2019-2020

Name of the speaker : MUKESH

Title of Training Program : "EXPERT OF WELDING".

Date / Venue : 4-3-2019 to 9-3-2019/APSSDC WELDING Lab

Please evaluate on a scale of 5;

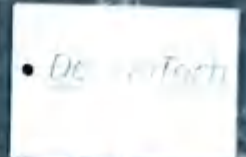
5 Excellent 4 Very Good 3 Average 2 Poor 1 Avoid in Future

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

HA

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Conducted at

Pragati Engineering College
.....

From **4-Mar-2019 to 9-Mar-2019**

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APSSDC

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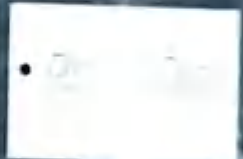
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Bearing number ***APSSDC/Siemens/M/72169*** has successfully
completed **EXPERT OF WELDING** Course
.....

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Pragati Engineering College
.....

From **4-Mar-2019 to 9-Mar-2019**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 02-07-2019

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course ELECTRONICS OFFICE FOUNDATION in collaboration with APSSDC from 10-07-2019 to 15-07-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, Asst. Professor, Department of Electronics and Communication Engineering on or before 06-07-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Office Lab

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ECE Notice Board

Principal for information.



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PROGRAM SCHEDULE

Topics Covered **DAY 1(6-HOURS)**

Course Foundation:

Mr. T.SIVA has given a 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 Office Equipment.
- Installation of various Office Equipment on the work bench
- Safety Precautions to be taken while working with Office Equipment
- Explaining the steps to maintain the Office Equipment in good condition
- Lab session

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

- *Computer System : Mr. P.VAMSI discussed the Assembling and Disassembling of Computer System*
- Basic connections of Computer System
- Hardware connections and Port Connections of Computer.
- Basic network connections
- Motherboard
- Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

- *Installation : Mr. P.VAMSI discussed the Install and uninstall in application software in computer system*
- Basic Softwares of computer for Office Applications
- Software installation and installation.
- Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

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

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

Sufficient time is given for the students to practice.



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 OfficeLab 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 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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Coordinator



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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	17A31A04H5	Bhanu sai satya prakash Pappu	P. B. S. S. Prakash
2	17A31A04F7	Iswarya lakshmi lavanya Yanamandra	I. L. Lavanya
3	17A31A04D0	Mounika devi Dasam	M. Mounika Devi
4	18A35A0426	Naga veera venkata satyavathi Mallidi	M. N. V. Satyanarayana
5	17A31A04B4	Pilladi chitti satya venkata naga padmakar	P. Ch. S. V. N. Padmakar
6	18A35A0425	Suvarna roy Bondugula	B. Suvarna Roy
7	17A31A0470	Veera satya lakshmi sowjanya Chitturi	Ch. V. S. L. Sowjanya
8	17A31A04H1	Veera swamy Maruboina	M. Veer Swamy
9	18A35A0424	Venkata kalyani Avuganti	A. V. Kalayni
10	17A31A04H7	Venkata shyama sriteja Posimsetty	P. V. S. Sriteja
11	17A31A04F9	Venkata Vamsi Adabala	V. Vamsi Adabala

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

Sl. 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	17A31A04H5	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31A04F7	P	P	P	P	P	P	P	P	P	P	A	P
3	17A31A04D0	P	P	P	P	P	P	P	P	P	P	A	A
4	18A35A0426	P	P	P	P	P	P	A	A	P	P	P	P
5	17A31A04B4	P	P	P	P	P	P	P	P	P	P	P	P
6	18A35A0425	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0470	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31A04H1	P	P	P	P	P	P	P	P	P	P	P	P
9	18A35A0424	P	P	P	P	P	P	A	A	P	P	P	P
10	17A31A04H7	P	P	P	P	P	P	A	A	P	P	P	P
11	17A31A04F9	P	P	P	P	P	P	P	P	P	P	P	P


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

Attendance Report

S.no	Roll no	Classes conducted	Classes Attended
		36	36
1	17A31A04H5	36	34
2	17A31A04F7	36	30
3	17A31A04D0	36	29
4	18A35A0426	36	35
5	17A31A04B4	36	34
6	18A35A0425	36	35
7	17A31A0470	36	36
8	17A31A04H1	36	31
9	18A35A0424	36	32
10	17A31A04H7	36	35
11	17A31A04F9	36	


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APSSDC-TSDI-Electronics Office LAB - *FEEDBACK*

Date: 16-07-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR : 2021-2022

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 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: 5
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: Good

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 15-07-2019

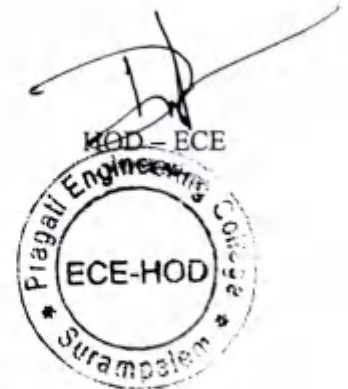
CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the Department of Electronics and Communication Engineering is planning a one week Value Added Course **ELECTRONICS OFFICE FOUNDATION** in collaboration with APSSDC from 24-07-2019 to 31-07-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, Asst. Professor, Department of Electronics and Communication Engineering on or before 20-07-2019. The number of participants to this course is limited, preference is based on first come first basis.

Venue: Civil Block Second floor APSSDC Electronics Office Lab

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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
1	17A31A0435	Bharath Challa	ch. Bharath
2	18A35A0411	Manikanta reddy Tamilisetti	T. Manikanta reddy
3	18A35A0432	Peketyavan Pekety	P. Pekety
4	18A35A0430	Sai venkata nutan kumar Kolla	K. Sai venkata
5	18A35A0429	Sri vishnu karthik Jandhyala	J. S.V. Karthik
6	18A35A0428	Veera sai prasanth Gopi	Vis. Prasanth gopi
7	18A35A0431	Trisai satya bhaskara bullebbai Peketi	PTSB Bullebbai



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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

Sl. No	Roll no	DAY-1 24-07-2019		DAY-2 25-07-2019		DAY-3 26-07-2019		DAY-4 29-07-2019		DAY-5 30-07-2019		DAY-6 31-07-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	17A31A0435	P	P	P	P	P	P	P	P	P	P	P	P
2	18A35A0411	P	P	P	P	A	P	P	P	P	P	P	P
3	18A35A0432	P	P	P	P	A	P	P	P	P	P	P	P
4	18A35A0430	A	A	P	P	P	P	P	P	P	P	P	P
5	18A35A0429	P	P	P	P	P	P	P	P	P	P	P	P
6	18A35A0428	P	P	P	P	P	P	P	P	P	P	P	P
7	18A35A0431	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	17A31A0435	36	35
2	18A35A0411	36	33
3	18A35A0432	36	33
4	18A35A0430	36	29
5	18A35A0429	36	36
6	18A35A0428	36	34
7	18A35A0431	36	35


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APSSDC-TSDI-Electronics Office LAB – FEEDBACK

Date: 31-07-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR : 2021-2022

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 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: 5
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: need advanced topics

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,
Date: 02-09-2019

CIRCULAR

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

Venue: Civil Block Second floor APSSDC Electronics Office Lab

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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
1	17A31B0420	Anjana devi Madugula	M. Anjana Devi
2	17A31B0440	Praveen kumar Bandila	B. Praveen
3	17A31A0421	Anika angel Somana	A. Angelsona
4	17A31A0457	Suryanarayanareddy Tadi	T. Suryanarayana
5	17A31A0404	Amritha Chandrasekhar	A. Chandrasekhar
6	17A31B0412	Satya nikitha Gullipalli	Satya nikitha - G
7	17A31A0446	Mehar ankith Bobbili	M. Ankith
8	17A31B0457	Chaitanya Uggina	J. Chaitanya
9	17A31A0418	Harshitha Palakurthi	P. Harshitha
10	17A31A0429	Razaq qureshi Abdul	Razaq Abdul
11	17A31A0437	Ayyappa swami Garaga	G. Swami
12	17A31A0427	Yamima rajlin Navabaktula	N. Yamima rajlin
13	17A31B0458	Nadish kumar Undurthi	N. Kumar
14	17A31B0405	Anjali kaushik Chitrapu	C. Anjali
15	17A31A0410	Reshma Katta	K. Reshma
16	17A31A0443	Kishore Palakonda	P. Kishore
17	18A35B0401	Akhil chandra Akula	A. Akhil chandra
18	17A31B0445	Manikanta Dommeti	D. Manikanta
19	17A31A0447	Rahul Morampudi	M. Rahul
20	17A31B0451	Pavan Pepakayala	P. Pavan
21	17A31A0417	Raveenareddy Padala	P. Raveenareddy
22	17A31A0405	Nirchitha chowdary Ch	Ch. Nirchitha


co-ordinator



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

Sl. 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	17A31B0420	P	P	P	P	P	P	P	P	P	P	P	P
2	17A31B0440	P	P	P	P	P	P	P	P	P	P	P	P
3	17A31A0421	P	P	P	P	P	P	P	P	P	P	P	P
4	17A31A0457	P	P	P	P	P	P	P	P	P	P	P	P
5	17A31A0404	P	P	P	P	P	P	P	P	P	P	P	P
6	17A31B0412	P	P	P	P	P	P	P	P	P	P	P	P
7	17A31A0446	P	P	P	P	P	P	P	P	P	P	P	P
8	17A31B0457	P	P	P	P	P	P	P	P	P	P	P	P
9	17A31A0418	P	P	P	P	P	P	P	P	P	P	P	P
10	17A31A0429	P	P	P	P	P	P	P	P	P	P	P	P
11	17A31A0437	P	P	P	P	P	P	P	P	P	P	P	P
12	17A31A0427	P	P	P	P	P	P	P	P	P	P	P	P
13	17A31B0458	P	P	P	P	P	P	P	P	P	P	P	P
14	17A31B0405	P	P	P	P	P	P	P	P	P	P	P	P
15	17A31A0410	P	P	P	P	P	P	P	P	P	P	P	P
16	17A31A0443	P	P	P	P	P	P	P	P	P	P	P	P
17	18A35B0401	P	P	P	P	P	P	P	P	P	P	P	P
18	17A31B0445	P	P	P	P	P	P	P	P	P	P	P	P
19	17A31A0447	P	P	P	P	P	P	P	P	P	P	P	P
20	17A31B0451	P	P	P	P	P	P	P	P	P	P	P	P
21	17A31A0417	P	P	P	P	P	P	P	P	P	P	P	P
22	17A31A0405	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	17A31B0420	36	36
2	17A31B0440	36	33
3	17A31A0421	36	30
4	17A31A0457	36	32
5	17A31A0404	36	33
6	17A31B0412	36	34
7	17A31A0446	36	35
8	17A31B0457	36	36
9	17A31A0418	36	36
10	17A31A0429	36	34
11	17A31A0437	36	35
12	17A31A0427	36	35
13	17A31B0458	36	36
14	17A31B0405	36	31
15	17A31A0410	36	32
16	17A31A0443	36	32
17	18A35B0401	36	33
18	17A31B0445	36	33
19	17A31A0447	36	30
20	17A31B0451	36	31
21	17A31A0417	36	36
22	17A31A0405	36	36

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APSSDC-TSDI-Electronics Office LAB – FEEDBACK

Date: 16-09-2019

DEPARTMENT : Electronics & Communication Engineering
ACADEMIC YEAR : 2021-2022
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 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: H
- 3 Related to Subject: H
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: —

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Report on Value Added Course "Electronics Office Foundation"

Date: 16-09-2019

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 Foundation" for three Batches with 3 different time slots in Collaboration with APSSDC as follows. The expert from the APSSDC explained various concepts of Electronics Office Foundation related aspects and gave practical lab sessions.

S.No	Batch	No. of Students Attended	Slot
1	1	11	10-07-2019 to 15-07-2019
2	2	07	24-07-2019 to 31-07-2019
3	3	22	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 and gave Introduction about Active Electronic Components, Passive Electronic Components, Basic Test and measurement Equipment and in the afternoon session Sufficient time is given for the students to practice.

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


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

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

DAY-4,Topics covered-Basic connections of Computer System and Hardware connections and Port Connections of Computer,Basic network connections and Motherboard and in the afternoon session Sufficient time is given for the students to practice.


DAY-5,Topics covered-Basic Softwares of computer for Office Applications,Software installation and installation and in the afternoon session Sufficient time is given for the students to practice.

DAY-6,Topics covered- Design of Basic Arduino projects and basic connections of Arduino ,Sensors and external devices of Arduino ,basic Arduino programming,designing of basic Arduino projectsand in the afternoon session Sufficient time is given for the students to practice.


APSSDC CO-ORDINATOR

Page 2 of 2

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This is to certify that **Bhanu Sai Satya Prakash Pappu**.....
bearing number **APSSDC/Siemens/M/95941** has successfully
completed..... **Electronics - Office - Foundation**..... Course

Conducted at

Pragati Engineering College, Surampalem

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

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bearing number **APSSDC/Siemens/M/95947** has successfully
completed **Electronics - Office - Foundation** Course

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

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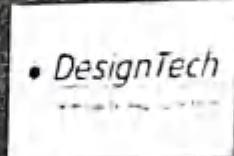
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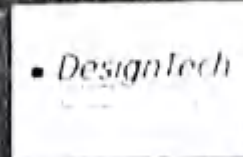
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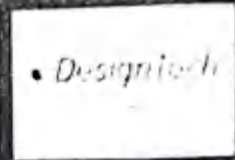
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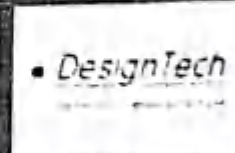
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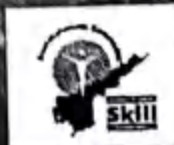
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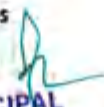
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from **9-Sep-19** to **14-Sep-19**

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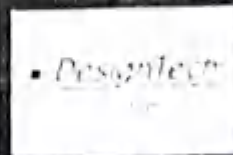
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 02-03-2019

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 FOUNDATION** in collaboration with APSSDC from 11-03-2019 to 15-03-2019. All the interested candidates can enroll their names with Mr. R V Simhadri, Asst. Professor, Department of Electronics and Communication Engineering on or before 06-03-2019. 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

Copy to

Circulate among ECE Students and Faculty.

Dept. File.

ECE Notice Board

Principal for information.



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PROGRAM SCHEDULE

Topics Covered

DAY 1(6-HOURS)

Course Foundation:

Mr. T.SIVA has given a 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 Office Equipment.
- Installation of various Office Equipment on the work bench
- Safety Precautions to be taken while working with Office Equipment
- Explaining the steps to maintain the Office Equipment in good condition
- Lab session

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

- *Computer System : Mr. P.VAMSI discussed the Assembling and Disassembling of Computer System*
- Basic connections of Computer System
- Hardware connections and Port Connections of Computer.
- Basic network connections
- Motherboard
- Lab session

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

- *Installation : Mr. P.VAMSI discussed the Install and uninstall in application software in computer system*
- Basic Softwares of computer for Office Applications
- Software installation and installation.
- Lab session


Sufficient time is given for the students to practice

DAY 6(6-HOURS)


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

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

Sufficient time is given for the students to practice.


Co-ordinator

Page 2 of 2


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COURSE OUTCOMES & OBJECTIVES

Outcome of the course

Student will be able to

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

Electronics 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.

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


 Coordinator
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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	18A31A04D1	Nagabathula Amitha	N. Amitha
2	18A31A04C4	Devarasetti S V Sai Tanmayi	D.S.V.S. Tanmayi
3	18A31A0467	M Saveri	M. Saveri
4	18A31A04H4	Paramsetti Venkata Srujan	P. Venkata srujan
5	18A31A04G4	Koppadi Satya Surya	K. Satya surya
6	18A31A04C7	Kona Swaroopa	K. swaroopa
7	18A31A04E0	Siripurapu Pushpa Kumari	S. Pushpa Kumari
8	18A31A04C1	Allaka Leela Satya Lakshmi	A. Leela
9	18A31A04F2	Chalumuri Chetan	ch. chetan
10	18A31A04D4	Pagadala Ramalakshmi	P. Ramalakshmi
11	18A31A04C3	Borra Leela Krishnapriya	B. Krishna priya
12	18A31A04D6	Putta Lakshmi Sai Anuhya	P. L. S. Anuhya
13	18A31A04C9	Lavanya Madamboina	M. Lavanya
14	18A31A04H5	Pasumarthi Vamsi Viswanad	P. Vamsi Viswanad.
15	18A31A04G5	Koripuri Anil Kumar	K. Anil Kumar
16	18A31A04C8	Kondepudi Vijaya Durga	K. Vijaya durga


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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 11-03-2019		DAY-2 12-03-2019		DAY-3 13-03-2019		DAY-4 14-03-2019		DAY-5 15-03-2019	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	18A31A04D1	P	P	P	P	P	P	P	P	P	P
2	18A31A04C4	P	P	P	P	P	P	P	P	P	P
3	18A31A0467	P	P	P	A	A	P	P	P	P	P
4	18A31A04H4	P	P	P	A	A	A	A	P	P	P
5	18A31A04G4	P	P	P	P	P	P	P	P	P	P
6	18A31A04C7	P	P	A	P	P	P	P	P	P	P
7	18A31A04E0	P	P	P	P	P	P	P	P	P	P
8	18A31A04C1	P	P	P	P	P	P	P	P	P	A
9	18A31A04F2	P	P	P	P	P	P	P	P	P	A
10	18A31A04D4	P	P	P	P	P	P	P	P	P	P
11	18A31A04C3	P	P	P	P	P	P	P	P	P	P
12	18A31A04D6	P	P	P	P	P	P	P	P	P	P
13	18A31A04C9	P	P	P	P	P	P	A	A	P	P
14	18A31A04H5	P	P	P	P	P	P	P	P	P	A
15	18A31A04G5	P	A	P	P	P	P	P	P	P	P
16	18A31A04C8	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	18A31A04D1	36	36
2	18A31A04C4	36	36
3	18A31A0467	36	30
4	18A31A04H4	36	30
5	18A31A04G4	36	36
6	18A31A04C7	36	33
7	18A31A04E0	36	36
8	18A31A04C1	36	33
9	18A31A04F2	36	33
10	18A31A04D4	36	36
11	18A31A04C3	36	36
12	18A31A04D6	36	36
13	18A31A04C9	36	30
14	18A31A04H5	36	33
15	18A31A04G5	36	33
16	18A31A04C8	36	36

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APSSDC-TSDI-Electronics Office LAB – FEEDBACK

Date: 16-03-2019

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR : 2018-2019

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

Title of Training Program : "Electronics Office Lab",

Date / Venue : 11-03-2019 to 15-03-2019/ 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: yes.
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: —

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Report on Value Added Course "Electronics Office Foundation"

Date: 16-03-2019

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 Foundation" from 11-03-2019 to 15-03-2019 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Electronics Office Foundation related aspects and gave practical lab sessions.

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

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

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


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

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

DAY-4, Topics covered - Basic connections of Computer System and Hardware connections and Port Connections of Computer, Basic network connections and Motherboard and in the afternoon session Sufficient time is given for the students to practice.


DAY-5, Topics covered - Basic Softwares of computer for Office Applications, Software installation and installation and in the afternoon session Sufficient time is given for the students to practice.

DAY-6, Topics covered - Design of Basic Arduino projects and basic connections of Arduino, Sensors and external devices of Arduino, basic Arduino programming, designing of basic Arduino projects and in the afternoon session Sufficient time is given for the students to practice.



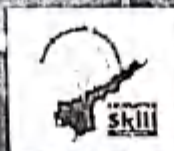
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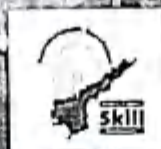
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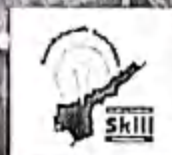
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completed..... **Electronics Office - Foundation**..... Course

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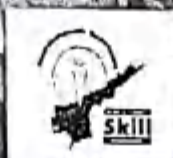
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 06-08-2018

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the JNTU, Kakinada is planning to organize a CENTRE OF EXCELLENCE PROGRAM on "Basics of PLC" conducted by APSSDC on 13-08-2018 to 18-08-2018. All the interested candidates can enroll their names with Mr. R.V. Simhadri Asst. Professor, Department of Electronics and Communication Engineering on or before 11-08-2018. The number of participants to this course are limited, preference is based on first come first basis.

Venue: Department of ECE, JNTU, KAKINADA

Copy to

Circulate among ECE Students and Faculty.

Dept. File.

ECE Notice Board

Principal for information.



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PROGRAM SCHEDULE

Topics Covered

DAY 1(6-HOURS)

Course Foundation:

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

The following points were highlighted:

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

DAY 2(6-HOURS)

Topic on internal structure:

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

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Installation:

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

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

Topic on Signals of PLC:

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

Sufficient time is given for the students to practice

DAY 5(6-HOURS)

Topic on Programming:

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

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

PLC Projects:

- Designing of basic PLC projects
- Lab session

Sufficient time is given for the students to practice

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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

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Student Enroll list


S.No	Roll No	Name of the Student	Signature
1	16A31B0428	Vamsi Krishna Swamy raju Betha	BVK S Raju
2	16A31B0437	Satish Kadari	S. Kadari
3	16A31A0439	Prudhvi Shankar Chowdary Chundru	Ch. Prudhvi
4	16A31A0438	Phani Chandra Chinta	C. Phani Chandra
5	17A35A0436	Sujana Gulla	A. Sujana
6	17A35A0434	Donepudi Sowjanya	D. Sowjanya
7	16A31A0442	Dwaramapudi Sriram Kumar Reddy	D. S. R. Reddy
8	16A31B0445	Subhash Nalam	Subhash
9	16A31A04M0	Sai Vijay Kodidasu	K. Sai Vijay
10	16A31B0444	Pavan Sai Nagoju	Pavan Sai Nagoju
11	17A35A0441	Dinesh Sai Sita Ram Jagata	J. Dinesh
12	17A35A0442	Akhil Kumar Marni	Marni Akhil Kumar
13	16A31B0406	Pooja Ila	Pooja Ila



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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

Sl. No.	Roll no	DAY-1 13-08-2018		DAY-2 14-08-2018		DAY-3 15-08-2018		DAY-4 16-08-2018		DAY-5 17-08-2018		DAY-6 18-08-2018	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	16A31B0428	P	P	P	P	P	P	P	P	P	P	P	A
2	16A31B0437	P	P	P	P	P	P	P	P	A	P	P	P
3	16A31A0439	P	P	P	P	A	P	P	P	P	P	P	P
4	16A31A0438	P	P	P	P	P	P	P	P	P	P	P	P
5	17A35A0436	P	P	P	P	P	P	P	P	P	P	P	P
6	17A35A0434	P	P	P	P	P	P	P	P	P	P	P	P
7	16A31A0442	P	P	P	P	P	P	P	P	P	P	P	P
8	16A31B0445	P	P	P	P	P	P	A	A	P	P	P	P
9	16A31A04M0	P	P	P	P	P	P	P	P	P	P	A	A
10	16A31B0444	P	A	P	P	P	P	P	P	P	P	P	P
11	17A35A0441	P	P	P	P	P	P	P	P	P	P	A	P
12	17A35A0442	P	P	P	P	P	P	P	P	P	P	P	P
13	16A31B0406	P	P	P	P	A	A	P	P	P	P	P	P


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Attendance Report

S.No	Roll No	Classes conducted	Classes Attended
1	16A31B0428	36	33
2	16A31B0437	36	34
3	16A31A0439	36	33
4	16A31A0438	36	36
5	17A35A0436	36	36
6	17A35A0434	36	36
7	16A31A0442	36	36
8	16A31B0445	36	31
9	16A31A04M0	36	31
10	16A31B0444	36	33
11	17A35A0441	36	33
12	17A35A0442	36	35
13	16A31B0406	36	31


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APSSDC-TSDLCOE FEEDBACK

DEPARTMENT : Electronics & Communication Engineering Date: 18-09-2018
ACADEMIC YEAR : 2019-2020
Name of the speaker : Mr. M. Raghavendra
Title of Training Program : "Basics of PLC",
Date / Venue : 13-08-2018 to 18-08-2018 / 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: 4
- 3 Related to Subject: 4
- 4 Is the Topic useful for career: ☒ YES/NO
- 5 Suggestions if any: we need courses like this further

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Report on Basis of PLC Program

Date: 20-08-2018

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 13-08-2018 to 18-08-2018 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Basics of PLC related aspects and gave practical lab sessions.

The Expert Trainer mainly focus on the following contents,

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

APSSDC CO-ORDINATOR

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from **13-08-2018** to **18-08-2018**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Surampalem,

Date: 06-08-2018

CIRCULAR

It is to inform all the students of B.Tech II, III & IV year that the JNTU, Kakinada is planning to organize a CENTRE OF EXCELLENCE PROGRAM on "BASICS OF PROCESS INSTRUMENTATION" conducted by APSSDC on 13-08-2018 to 18-08-2018. All the interested candidates can enroll their names with Mr. R.V. Simhadri Asst. Professor, Department of Electronics and Communication Engineering on or before 10-08-2018. The number of participants to this course are limited, preference is based on first come first basis.

Venue: Department of ECE, JNTU, KAKINADA

Copy to

Circulate among ECE Students and Faculty.

Dept. File.

ECE Notice Board

Principal for information.



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PROGRAM SCHEDULE

Topics Covered

DAY 1(6-HOURS)

Course Foundation:

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

The following points were highlighted:

- Explained the Monitor and control process variables
- Lab Session

DAY 2(6-HOURS)

Topic on internal structure:

- Describe the process efficiency
- Describe the internal architecture of a typical Process instrumentation

Sufficient time is given for the students to practice

DAY 3(6-HOURS)

Topic on Safety:

- Explained Process safety
- Safety Precautions to be taken while working with devices
- Lab session

Sufficient time is given for the students to practice

DAY 4(6-HOURS)

Topic on Reducing Downtime :

- Session covered the topic on root cause of failures and how to reduce the downtime.
- Lab session

Sufficient time is given for the students to practice

CO-ordinator

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DAY 5(6-HOURS)

Topic on Programming :

- Session on "How to improve the product quality"
- Lab session

Sufficient time is given for the students to practice

DAY 6(6-HOURS)

Projects :

- Sample Project
- Discussed the topic on 'Facilitate regulatory compliance'
- Lab session

Sufficient time is given for the students to practice


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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 Process Instrumentation 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:

- Monitor and control process variables.
- Improve process efficiency.
- Enhance process safety.
- Reduce downtime.
- Improve product quality.
- Facilitate regulatory compliance.

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

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Student Enroll list

S.No	Roll No	Name of the Student	Signature
1	16A31A04E9	RamyaVinnapala	Ramya
2	16A31B0418	Lakshmi PrasannaAdabala	P. Lakshmi
3	17A35A0407	SaiNarayanaTharunNandikolla	Sai Narayan
4	16A31A0471	KethaGeethikaNandini	Ketha
5	16A31A04H2	Krishna ManojSampara	S. Krishna Manoj
6	16A31A04E2	AnithaPerumalla	Anitha
7	16A31A04A2	ManikantaSreeramGollapalli	Manikanta Sreeram G
8	16A31A04H0	VivekSaka	Vivek
9	17A35A0412	GowripallaviAmalakanti	Gita
10	16A31A0464	SamhithaBavisetti	B. Samhitha
11	16A31A04F1	Mani KeerthikaVurum	V. Mani Keerthika
12	16A31A0463	AkhilandeswariBasina	Akhil
13	16A31A0496	ChaitanyaDurgaVenkataSairamBylapudi	B. Ch. D. V. Sairam
14	16A31A0420	SaiPavaniPinisetty	P. Sai Pavani
15	16A31A0493	PrabhakaraSai Krishna Avasarala	A. Krishna
16	16A31A04C9	Bhargavi Lakshmi ShivaniGolagani	Bhargavi
17	16A31A0423	SaideepikaPulagam	S. Saideepika
18	16A31A0432	DurgaBhavaniVasantala	Durga
19	17A35A0402	PrasannaPatnala	P. Prasanna
20	16A31A04A4	Anil Sai Krishna Guttula	G. Anil
21	16A31A0467	MadhuSreeChodey	Chodey

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DEPARTMENT OF ECE
DAY WISE ATTENDANCE REPORT

S.no	Roll no	DAY-1 13-8-2018		DAY-2 14-8-2018		DAY-3 15-8-2018		DAY-4 16-8-2018		DAY-5 17-8-2018		DAY-6 18-8-2018	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	16A31A04E9	P	P	P	P	P	P	P	P	P	P	P	P
2	16A31B0418	P	P	P	P	P	P	P	P	P	P	P	P
3	17A35A0407	P	P	P	P	P	P	P	P	P	P	P	P
4	16A31A0471	P	P	P	P	P	P	P	P	P	P	P	P
5	16A31A04H2	P	P	P	P	P	P	P	P	P	P	P	P
6	16A31A04E2	P	P	P	P	P	P	P	P	P	P	P	P
7	16A31A04A2	P	P	P	P	P	P	P	P	P	P	P	P
8	16A31A04H0	P	A	P	P	P	P	P	P	P	P	P	P
9	17A35A0412	P	P	P	A	P	P	P	P	P	P	P	P
10	16A31A0464	P	P	P	A	P	P	P	P	P	P	P	P
11	16A31A04F1	P	P	P	P	P	P	P	P	P	P	A	P
12	16A31A0463	P	P	P	P	P	P	P	P	P	P	P	P
13	16A31A0496	P	P	A	A	P	P	P	P	P	P	P	P
14	16A31A0420	P	P	P	P	P	P	A	P	P	P	P	P
15	16A31A0493	A	A	P	P	P	P	P	P	P	P	P	P
16	16A31A04C9	P	P	P	P	P	P	P	P	A	A	P	P
17	16A31A0423	P	P	P	P	P	P	P	P	A	A	P	P
18	16A31A0432	P	P	P	P	P	P	P	P	A	A	P	P
19	17A35A0402	P	P	P	P	P	P	P	P	P	P	P	P
20	16A31A04A4	P	P	P	P	P	P	P	P	P	P	P	P
21	16A31A0467	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 Attenend
1	16A31A04E9	36	36
2	16A31B0418	36	36
3	17A35A0407	36	36
4	16A31A0471	36	36
5	16A31A04H2	36	36
6	16A31A04E2	36	36
7	16A31A04A2	36	36
8	16A31A04H0	36	33
9	17A35A0412	36	33
10	16A31A0464	36	33
11	16A31A04F1	36	33
12	16A31A0463	36	36
13	16A31A0496	36	30
14	16A31A0420	36	33
15	16A31A0493	36	30
16	16A31A04C9	36	30
17	16A31A0423	36	30
18	16A31A0432	36	30
19	17A35A0402	36	36
20	16A31A04A4	36	36
21	16A31A0467	36	36

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APSSDC-TSDI-COE - FEEDBACK

Date: 18-08-2018

DEPARTMENT : Electronics & Communication Engineering

ACADEMIC YEAR : 2018-2019

Name of the speaker : Mr.M.Raghavendra

Title of Training Program : " Basics of Process Instrumentation".

Date / Venue : 13-08-2018 to 18-08-2018/ Instrumentation 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: yes
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: Need more sessions

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Report on Basis of Process Instrumentation Program

Date: 20-08-2018

Resource Person Details

Name : Mr. M. Raghavendra

Designation : APSSDC Trainer

Contact Details : 9846635823

One week program on "Basics of Process Instrumentation" Organized by JNTUK, Department of Electronics and communication Engineering from 13-08-2018 to 18-08-2018 in Collaboration with APSSDC. The expert from the APSSDC explained various concepts of Basics of Process Instrumentation related aspects and gave practical lab sessions.

The Expert Trainer mainly focus on the following contents

Describe the purpose of each of the major Process Instrumentation components, basic Process Instrumentation operation and Monitor and control process variables, Improve process efficiency, Enhance process safety, Reduce downtime, Improve product quality, Facilitate regulatory compliance and in the afternoon session Sufficient time is given for the students to practice.


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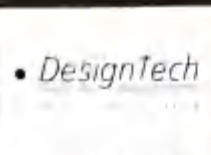
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This is to certify that **SAMHITHA BAVISETTI**

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completed **Basic of Process Instrumentation** Course

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This is to certify that **CHAITANYA DURGA VENKATA SAIRAM BYLAPUDI**
bearing number.....**DSL/APSSDC/13590**..... has successfully
completed.....**Basic of Process Instrumentation**..... Course

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This is to certify that **SAI PAVANI PINISETTY**.....

bearing number.....**DSL/APSSDC/13591**..... has successfully

completed.....**Basic of Process Instrumentation**..... Course

Conducted at

University College of Engineering Kakinada (Autonomous), J N T U Kakinada

from **13-08-2018** to **18-08-2018**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

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completed.....**Basic of Process Instrumentation**..... Course

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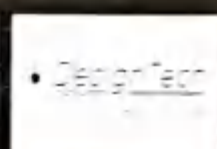
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This is to certify that **PRASANNA PATNALA**
bearing number.....**DSL/APSSDC/13596**..... has successfully
completed.....**Basic of Process Instrumentation**..... Course

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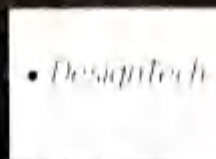
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This is to certify that **MADHU SREE CHODEY**

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

Date: 07-02-2019

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 Department as per the below schedule.

Name of the Course: **Progressive Web Applications**

Name of the Faculty: Mr.A.Laskhmana Rao

Start Date: 11/02/2019

End Date: 16/02/2019

Venue: Marvin Minsky Lab

Interested students are required to get enrolled in this course through their class teacher on or before 09-02-2019.

Copy to:

- 1) Principal Office
- 2) Add-On Course File
- 3) All the HODs circulate among their students.

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H. Lashman Rao
HOD-CSE





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DEPARTMENT OF CSE

organizes

Add-on Course

on

PROGRESSIVE

WEB

APPLICATIONS

from 11/02/2019 to 16/02/2019

Faculty Coordinator

Mr. K. Chandra Sekhar
Assistant Professor
Dept. of CSE
Ph. 8008882777



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Course Objective

- Progressive Web Apps Courses (PWA) are for web developers who are familiar with HTML/CSS/JavaScript and want to make their websites mobile-friendly using progressive web applications.

Duration

- 36 Hours (6 hours each day X 6 days).

Course Outcomes

- Student able to learn the concepts of a progressive web application (PWA) is quite a new phenomenon, an increasing number of companies have already been capitalizing on its extensive capabilities.
- They combine the capabilities of websites and mobile software that allow creating an immersive user experience and increase user engagement and conversion rate.


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Course Content

Topics Covered in 6 Days:

Day 1:

- PWA Intro - Git CLI & Github

Day 2:

- Atom installation - Plugins - Chrome Dev tools - testing - Node JS - Installation - Packages

Day 3:

- Responsive Web Design using HTML5 & CSS3 - JS Intro - BOM & DOM

Day 4:

- JavaScript - Syntax - Functions - DOM manipulations

Day 5:

- Intro to JSON - Object-oriented JavaScript

Day 6:

- PWA role - Basics of APIs required for PWA - Examples



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Course Schedule

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Progressive Web Applications

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Progressive Web Applications

Sl. No.	Roll No.	Name of the student	Signature
1	18A31A0504	Geddani Mounika	G. Mounika
2	18A31A0505	Gandepalli Poornima	G. Poornima
3	18A31A0508	Gubbala Sowjanya	G. Sowjanya
4	18A31A0509	Hari Priyanka Goppu	G. H. Priyanka
5	18A31A0510	Karri Tulasi	K. Tulasi
6	18A31A0511	Katari Sai Hari Priya	K. Priya
7	18A31A0512	Kattoju Siva Jyothi	K. Siva Jyothi
8	18A31A0513	Khairunnisa Shah	K. Shah
9	18A31A0514	Kotipalli Ramya Sri	K. Ramya Sri
10	18A31A0515	M.Lakshmi Praseeda	M. Lakshmi Praseeda
11	18A31A0516	Meka Gowthami Priya	M. Gowthami Priya
12	18A31A0517	Mogga Lalitha Priyanka	M. Lalitha Priyanka
13	18A31A0518	Nakka Vineela	N. Vineela
14	18A31A0519	Palepu Shivani	P. Shivani
15	18A31A0520	Pepakayala Mohitha	P. Mohitha
16	18A31A0521	Reddy Ganga Pavani	R. G. Pavani
17	18A31A0552	Salapaka Datta Sai Vinay	S. Datta Sai Vinay
18	18A31A0523	Sirigirisetti Leela Venkata	S. Leela Venkata
19	18A31A0524	Tamarapalli Lalitha Ratnam	P. Ratnam
20	18A31A0526	Vakada G Sai Sree Vaishnavi	V. G. Sai Sree Vaishnavi
21	18A31A0527	Jyoshna	Jyoshna
22	18A31A0528	K.Naimisha	K. Naimisha
23	18A31A0553	Shaik Mustahaffin Suhail	S. Mustahaffin Suhail
24	18A31A0530	Aniseti Satish	A. Satish

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Sl. No.	Roll No.	Name of the student	Signature
25	18A31A0531	Ardhani Vinay	Ardhani Vinay
26	18A31A0532	Barla Sai Ravi Raja	B. Sai Ravi Raja
27	18A31A0533	Badiganti Karthik	B. Karthik
28	18A31A0534	Bhupathiraju Chalapathi	B. Chalapathi
29	18A31A0535	Chitturi Naveen Kumar	C. Naveen Kumar
30	18A31A0536	Chokka Ravi Teja	Chokka Ravi Teja
31	18A31A0537	Dachepalli Sai Rama Surya	D. Sai Rama Surya
32	18A31A0538	Dommeti Venkata Satya Sree	D.V. Satya Sree
33	18A31A0539	Gottumukkala Satyarama Sesha	G. Satyarama
34	18A31A0540	Kadali Narasimha Swaroop	K.N. Swaroop
35	18A31A0541	Kotnala Chaitanya	K. Chaitanya
36	18A35A0501	Chelluboyena Mounika	C. Mounika
37	18A35A0505	Vijjapureddy Naga Joshi	V. Naga Joshi
38	18A35A0506	Kone Sri Sai Ram	K. Sri Sai Ram
39	18A35A0507	Nalli Dinesh	N. Dinesh
40	18A35A0508	Ganta Saiteja	G. Saiteja
41	18A35A0509	Garapati Venugopala Swamy	G. Venugopala
42	18A35A0510	Koppiseti Baba Vamsi Bhavani Sankar	K. Vamsi Bhavani

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Progressive Web Applications Attendance Sheet

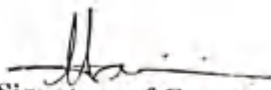
Sl. No.	Roll No.	Name of the student	11/02/2019	12/02/2019	13/02/2019	14/02/2019	15/02/2019	16/02/2019
1	18A31A0504	Geddam Mounika	P	P	P	P	P	P
2	18A31A0505	Gandepalli Poornima	A	P	P	P	P	P
3	18A31A0508	Gubbala Sowjanya	P	P	P	P	P	P
4	18A31A0509	Hari Priyanka Goppu	P	P	P	P	P	P
5	18A31A0510	Karri Tulasi	P	P	A	P	P	P
6	18A31A0511	Katari Sai Hari Priya	P	P	P	P	P	P
7	18A31A0512	Kattoju Siva Jyothi	P	P	P	P	P	P
8	18A31A0513	Khairunnisa Shah	P	P	P	P	P	P
9	18A31A0514	Kotipalli Ramya Sri	P	P	P	P	P	P
10	18A31A0515	M. Lakshmi Praseeda	P	P	P	P	P	P
11	18A31A0516	Meka Gowthami Priya	P	A	P	A	P	P
12	18A31A0517	Mogga Lalitha Priyanka	P	P	P	P	P	P
13	18A31A0518	Nakka Vineela	P	P	P	P	P	P
14	18A31A0519	Palepu Shivani	P	P	P	P	A	P
15	18A31A0520	Pepakayala Mohitha	P	P	P	P	P	P
16	18A31A0521	Reddy Ganga Pavani	P	P	P	P	P	P
17	18A31A0552	Salapaka Datta Sai	P	P	P	P	P	P
18	18A31A0523	Sirigirisetti Leela	P	P	P	P	P	P
19	18A31A0524	Tamarapalli Lalitha	P	P	P	P	P	P
20	18A31A0526	Vakada G Sai Sree	P	P	P	P	P	P
21	18A31A0527	Jyoshna	P	P	P	P	P	P
22	18A31A0528	K. Naimisha	P	P	P	P	P	P
23	18A31A0553	Shaik Mustahaffin	P	P	P	P	P	P
24	18A31A0530	Aniseti Satish	P	P	P	P	P	A
25	18A31A0531	Ardhani Vinay	P	P	P	P	P	P


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Sl. No.	Roll No.	Name of the student	11/02/2019	12/02/2019	13/02/2019	14/02/2019	15/02/2019	16/02/2019
26	18A31A0532	Barla Sai Ravi Raja	P	P	A	P	P	P
27	18A31A0533	Badiganti Karthik	P	P	P	P	P	P
28	18A31A0534	Bhupathiraju Chalapathi	P	P	P	P	P	P
29	18A31A0535	Chitturi Naveen Kumar	P	P	P	A	A	P
30	18A31A0536	Chokka Ravi Teja	P	P	P	P	P	P
31	18A31A0537	Dachepalli Sai Rama	P	P	P	P	P	P
32	18A31A0538	Dommeti Venkata Satya	P	P	P	P	P	P
33	18A31A0539	Gottumukkala	P	P	P	P	P	P
34	18A31A0540	Kadali Narasimha	P	P	P	P	P	P
35	18A31A0541	Kotnala Chaitanya	P	P	P	P	P	P
36	18A35A0501	Chelluboyena Mounika	A	P	P	P	P	P
3	18A35A0505	Vijjapureddy Naga	P	P	P	P	P	P
38	18A35A0506	Kone Sri Sai Ram	P	P	P	P	P	P
39	18A35A0507	Nalli Dinesh	P	P	P	P	P	A
40	18A35A0508	Ganta Saiteja	P	P	P	P	P	P
41	18A35A0509	Garapati Venugopala	P	A	P	P	P	P
42	18A35A0510	Koppiseti Baba Vamsi	P	P	P	P	P	P


Signature of Coordinator


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Date: 16/02/2019

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Mr. A. Lashmana Rao
Title of Training Program : Progressive Web Applications
Date / Venue : 11/02/2019 to 16/02/2019 / Marvin Minsky 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 More practical Session

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Date: 16/02/2019

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Mr. A. Lashmana Rao
Title of Training Program : Progressive Web Applications
Date / Venue : 11/02/2019 to 16/02/2019 / Marvin Minsky 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:

Very useful for Career

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Report on Progressive Web Apps

Date: 17-02-2019

Resource person details

Name: Mr.A.Laskhmana Rao

Designation: Assistant Professor

Contact details:

Phone no: 9951060528

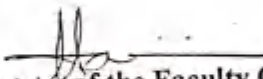
A Six day Add on Course on “Progressive Web Apps” was organized by the Departments of CSE during 11th Feb. 2019 to 16th Feb. 2019 at Marvin Minsky Lab. A total of 42 students participated in the workshop. The feedback from the students has been collected



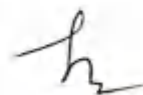
During practice session of Web Design using HTML5



- During practice session of JavaScript and DOM manipulations


Signature of the Faculty Coordinator





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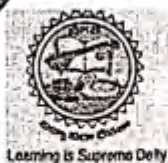
Certificate of Participation

This is to certify that Mr./Ms.Karri Tulasi Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Progressive Web Applications Conducted from **11/02/2019** to **16/02/2019** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

K. Chandra

Coordinator

L. Srinivas
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Certificate of Participation

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K. Chellab

Coordinator

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

HOD-CSE

S. Prasad
Principal



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

Date: 13/07/2018

CIRCULAR

It is here by informed to all the students of II B.Tech CSE, that there will be an Add On Course going to conducted in the Computer Science and Engineering Department as per the below schedule.

Name of the Course: **Google Android Developer Fundamental Phase-1**

Name of the Faculty: Dr.Y.V.Ram Kumar

Start Date: 19/07/2018

End Date: 24/07/2018

Venue: Marvin Minsky Lab

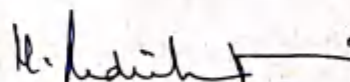
Interested students are required to get enrolled in this course through their class teacher on or before 17-07-2018.

Copy to:

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- 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

GOOGLE ANDROID DEVELOPMENT FUNDAMENTALS PHASE-1

from 19/07/2018 to 24/07/2018

Faculty Coordinator

Mr. K. Chandra Sekhar
Assistant Professor
Dept. of CSE
Ph. 8008882777



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Course Schedule

Topics Covered in 6 Days:

Day 1:

- How to install Android studio, basics, evaluation of android/history.

Day 2:

- Hello world.
- Hello Toast.

Day 3:

- Layouts, Grids, XMLfiles, Mipmaps.

Day 4:

- Buttons, Checkboxes, spinner.

Day 5:

- ImageIcons, TextFields, Manifests,

Day 6:

- Drawables, strings, alerts, timepickers.

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

List of Participants for Google Android Developer Fundamental Phase-1

Sl. No.	Roll No	Name of the student	Signature
1	17A31A0533	Battini Venkata Saiya Surya Bheema Sankar	B. Venkata Saiya Surya
2	17A31A0534	Chada Seetha Rama Surya Teja	Chada Seetha Rama Surya Teja
3	17A31A0501	Afreen Jaha	A. Jaha
4	17A31A0502	Bhavagnya Sai Navudu	B. Sai Navudu
5	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	B. Ramya
6	17A31A0505	Eluri Sri Powshitha	E. Sri Powshitha
7	17A31A0506	Erragunta Nikhila Devi	E. Devi
8	17A31A0507	Gella Chandini	G. Chandini
9	17A31A0508	Gundarapu Bhargavi Devi	G. Bhargavi
10	17A31A0509	Guri Udaya Naga Anantha Jyothi	Guri Udaya Naga Jyothi
11	17A31A0510	Jyotshna Ganta	J. Ganta
12	17A31A0511	Kaliboyina Grace Vennela	J. Ganta
13	17A31A0512	Kanisetti Kanaka Naga Vijaya Lakshmi	Kaliboyina Kanaka Lakshmi
14	17A31A0513	Kantipudi Jyothirmai	K. Jyothirmai
15	17A31A0514	Karri Vijaya Lakshmi	K. Vijaya Lakshmi
16	17A31A0515	Koppana Nagalakshmi	K. Nagalakshmi
17	17A31A0516	Kurukuri Srilakshmi Niharika	K. Niharika
18	17A31B0509	Gummadi Navya Sri Devi	G. Navya Sri Devi
19	17A31B0511	Kamisetti Madhuri Hepzibah	K. Hepzibah
20	17A31B0514	Kilada Kalyani Lakshmi Prasanthi	K. K. L. Prasanthi
21	17A31B0518	Kondamuri Sivani	K. Sivani
22	17A31B0521	Madadha Sireesha	M. Sireesha
23	17A31B0523	Mellimi Chandana	M. Chandana
24	17A31B0553	Peddimsetti Vamsi Janaki Ram	P. V. J. Ram
25	17A31B0554	Polamuri Anil	P. Anil
26	17A31B0555	Ponnapalli Sai Durga Prasad	P. Sai Durga Prasad
27	17A31B0556	Seela Ajay Krishna	S. Ajay Krishna
28	17A31B0559	Vinnakoti Sravanth Krishna	V. S. Krishna
29	17A31A0535	Cheruku Katna Swamy	C. Katna Swamy
30	17A31A0536	Chodiseti Harsha Sri Venkata Surya	C. H. S. V. Surya
31	17A31A0537	Devada Pavan Venkat Sai	D. Venkat Sai
32	17A31A0538	Dharmavarapu Bala Sri Ram	D. Bala Sri Ram
33	17A31A0559	Yerramsetti Sai	Y. Sai

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Sl. No.	Roll No.	Name of the student	Signature
34	17A31A0577	Nanduri Kamala Kumari	Nanduri Kamala Kumari
35	17A31A0578	Nanduri Vimala Kumari	Vimala Kumari
36	17A31A0579	Nidhi Jain	Jain
37	17A31A0580	Nulu Kalki Sowmya	Sowmya
38	17A31A0582	Perike Prasuna	Prasuna
39	17A31A0596	Yaganti Deepika	Y. Deepika
40	17A31A0598	Akella Vikas	A. Vikas
41	17A31A0599	Banisetti N V V Surva Sai Ganesh	S. Ganesh
42	17A31A0519	Munduri Sharmila	Sharmila
43	17A31A05B4	Sundara Siva Sai Chakradhar	S. Sai Chakradhar
44	17A31A05B5	Thambuluri Venkata Pradeep	Pradeep
45	17A31A05B7	Yarrapragada Venkata Satya Rakesh	Y. Rakesh
46	18A35A0511	Kummari Sivanand Sushmanth	Kummari Sivanand Sushmanth

Signature of Coordinator

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List of Participants for Google Android Developer Fundamental Phase-I

Sl. No.	Roll No	Name of the student	19/07/2018	20/07/2018	21/07/2018	22/07/2018	23/07/2018	24/07/2018
1	17A31A0533	Battini Venkata Satya Surya Bheema Sankar	P	P	P	P	P	P
2	17A31A0534	Chada Seetha Rama Surya Teja	P	P	P	P	P	P
3	17A31A0501	Afreen Jaha	P	P	P	P	P	A
4	17A31A0502	Bhavagnya Sai Navudu	A	P	P	P	P	P
5	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	P	P	P	P	P	P
6	17A31A0505	Eluri Sri Powshitha	P	P	P	P	P	P
	17A31A0506	Erragunta Nikhila Devi	P	P	P	P	P	P
	17A31A0507	Gella Chandini	P	P	P	P	A	P
	17A31A0508	Gundarapu Bhargavi Devi	P	P	P	P	P	P
	17A31A0509	Guri Udaya Naga Anantha Jyothi	P	P	A	P	P	P
	17A31A0510	Jyotshna Ganta	P	P	P	A	P	P
	17A31A0511	Kaliboyina Grace Vennela	P	P	P	P	A	P
3	17A31A0512	Kanisetti Kanaka Naga Vijaya Lakshmi	P	P	P	P	P	P
4	17A31A0513	Kantipudi Jyothirmai	A	P	P	P	P	P
5	17A31A0514	Karri Vijaya Lakshmi	P	P	P	P	P	P
16	17A31A0515	Koppana Nagalakshmi	P	A	P	P	P	P
17	17A31A0516	Kurukuri Srilakshmi Niharika	P	P	P	P	A	P

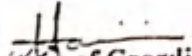
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Sl. No.	Roll No	Name of the student	19/07/2018	20/07/2018	21/07/2018	22/07/2018	23/07/2018	24/07/2018
18	17A31B0509	Gummadi Navya Sri Devi	P	P	P	A	P	P
19	17A31B0511	Kamisetti Madhuri Hepzibah	P	P	P	P	P	P
20	17A31B0514	Kilada Kalyani Lakshmi Prasanthi	P	A	P	P	P	P
21	17A31B0518	Kondamuri Sivani	P	P	P	P	P	P
22	17A31B0521	Madadha Sircesha	P	P	P	P	P	P
23	17A31B0523	Mellimi Chandana	P	P	P	P	P	A
24	17A31B0553	Peddimsetti Vamsi Janaki Ram	P	P	P	P	P	P
25	17A31B0554	Polamuri Anil	P	P	P	P	P	P
26	17A31B0555	Ponnappalli Sai Durga Prasad	P	P	P	P	P	P
27	17A31B0556	Seela Ajay Krishna	P	P	P	P	P	P
28	17A31B0559	Vinnakoti Sravanth Krishna	P	A	P	P	P	P
29	17A31A0535	Cheruku Katna Swamy	P	P	P	P	P	P
30	17A31A0536	Chodiseti Harsha Sri Venkata Surya	P	P	P	P	P	P
31	17A31A0537	Devada Pavan Venkat Sai	P	P	P	P	P	P
32	17A31A0538	Dharmavarapu Bala Sri Ram	P	P	P	P	P	P
33	17A31A0559	Yerramsetti Sai	P	P	P	P	P	P
34	17A31A0577	Nanduri Kamala Kumari	P	P	P	P	P	P
35	17A31A0578	Nanduri Vimala Kumari	A	P	P	P	P	P
36	17A31A0579	Nidhi Jain	P	P	P	P	A	P
37	17A31A0580	Nulu Kalki Sowmya	P	P	P	P	P	P
38	17A31A0582	Perike Prasuna	P	P	P	P	P	P
39	17A31A0596	Yaganti Deepika	P	P	A	P	P	P
40	17A31A0598	Akella Vikas	P	P	P	P	P	P
41	17A31A0599	Baniseti N V V Surya Sai Ganesh	P	P	P	A	P	P

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42	17A31A0519	Munduri Sharmila	P	P	P	P	P	P
43	17A31A05B4	Sundara Siva Sai Chakradhar	P	P	P	P	P	P
44	17A31A05B5	Thambuluri Venkata Pradeep	A	P	P	P	P	P
45	17A31A05B7	Yarrapragada Venkata Satya Rakesh	P	P	P	P	P	P
46	18A35A0511	Kummari Sivanand Sushmanth	P	P	A	P	P	P


Signature of Coordinator

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Date: 24/07/2018

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Dr. Y.V. Ram Kumar
Title of Training Program : Google Android Developer Fundamental Phase-1
Date / Venue : 19/07/2018 to 24/07/2018 / Marvin Minsky 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: very useful information was provided

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Date: 24/07/2018

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Dr. Y. V. Ram Kumar
Title of Training Program : Google Android Developer Fundamental Phase-1
Date / Venue : 19/07/2018 to 24/07/2018 / Marvin Minsky 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: This seminar is too interesting to gain knowledge of all features of Android (mobile OS)

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Report on Google Android Developer Fundamental Phase-1

Date: 25-07-2018

Resource person details

Name: Dr. Y.V. Ram Kumar

Designation: Associate Professor

Contact details:

Phone no: 9866600007

A Six days Add-on Course on "Google Android Developer Fundamental" was organized by the Departments of CSE during 19th July, 2018 to 21st July 2018 at Marvin Minsky Lab. A total of 46 students participated in the workshop. The feedback from the students has been collected.



During practice session of Android

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Signature of the Faculty Coordinator



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Certificate of Participation

This is to certify that Mr./Ms. Bhavagnya Sai Navudu
Student of Computer Science Engineering, Pragati Engineering College
has actively participated and successfully completed Add-on Course on
Google Android Development Fundamentals Phase-1 Conducted from
19/07/2018 to **24/07/2018** organized by Department of CSE, Pragati
Engineering College (Autonomous), Surampalem.

K. Chssels

Coordinator

M. Padma

HoD-CSE

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[Signature]
Principal



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Certificate of Participation

This is to certify that Mr./Ms. Afreen Jaha Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Google Android Development Fundamentals Phase-1 Conducted from **19/07/2018** to **24/07/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

K. Chissey

Coordinator

M. Padmanabha
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Certificate of Participation

This is to certify that Mr./Ms.Eluri Sri Powshitha Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Google Android Development Fundamentals Phase-1 Conducted from **19/07/2018** to **24/07/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

K. Chisela

Coordinator

M. Radhika

HoD-CSE

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Date: 10/11/2018

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 department as per the below schedule.

Name of the Course: **Internet of Things**

Name of the Faculty: Mrs.G.Kumari

Start Date: 14/11/2018

End Date: 19/11/2018

Venue: Marvin Minsky Lab

Interested students are required to get enrolled in this course through their class teacher on or before 12/11/2018

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

INTERNET

OF

THINGS

from 14/11/2018 to 19/11/2018

Faculty Coordinator

Mrs.D.Uma
assistant professor
Department of CSE
Ph: 9951634504



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Course Objectives

- This course focuses on the latest microcontrollers with application development, product design and prototyping.
- Ideally suited for engineering students and graduates with a basic understanding of electronics and microprocessors. The Internet of Things (IOT) is the next wave, world is going to witness.
- Today we live in an era of connected devices (mobile phones, computers etc.), the future is of connected things (Eg: home appliances, vehicles, lamp-posts, personal accessories, your pets, industrial equipments and everything which you use in day-to-day life).
- Internet of Things is a term given to the attempt of connecting objects to the internet and also to each other - allowing people and objects themselves to analyze data from various sources in real-time and take necessary actions in an intelligent fashion..

Duration

- 36 Hours (6 hours each day X 6 days)

Course Outcomes

- Student able to understand the application areas of IOT.
- Student able to realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks.
- Student able to understand building blocks of Internet of Things and characteristics.

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Course Content

Day 1:

- Introduction to the Internet of Things.
- The Basics of Sensors & Actuators
- Basic IOT Architecture.

Day 2:

- The IoT Platforms Available.

Day 3:

- MSP430 Board Layout & Architecture.

Day 4:

- Programming fundamentals (C language).

Day 5:

- MSP430 Programming & Interface of Sensors.
- Interfacing sensors with MSP430.

Day 6:

- Programming MSP430 & Reading from Sensors



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Course Schedule

Day 1:

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

List of Participants for Internet of Things

Sl.no	Roll Number	Name of Student	Signature
1	17A31B0534	Tondapu Sruthi Reddy	T. Sruthi Reddy
2	16A31B0532	Achanta Akhila Sri Sai	A. Akhila
3	16A31B0539	Idury Venkata Sai Bala Bhaskar	I.V.S. Bala Bhaskar
4	16A31B0544	Mudunuri Hemanth Raju	M.H. Raju
5	17A31B0501	Allada Lavanya	A. Lavanya
6	17A31B0506	Dasari Sahithi	D. Sahithi
7	17A31B0508	Gudala Alekhya	G. Alekhya
8	17A31B0510	Kajuluri V.N.D S. Jahnavi	K.V.N.D.S. Jahnavi
9	17A31B0513	Katta Venika Lakshmi Prada	K.V. Lakshmi Prada
10	17A31B0517	Kona Jahnavi	K. Jahnavi
11	17A31B0519	Kongara Aruna Sai Devi	K. Aruna Sai Devi
12	17A31B0520	Kothapalli Mallika	K. Mallika
13	17A31A0501	Afreen Jaha	Afreen Jaha
14	17A31A0502	Bhavagnya Sai Navudu	B. S Navudu
15	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	E. S. Durgashitha
16	17A31A0505	Eluri Sri Powshitha	E. Sri Powshitha
17	17A31A0506	Erragunta Nikhila Devi	E. Nikhila Devi
18	17A31A0507	Gella Chandini	G. Chandini
19	17A31A0532	Akkina Daniel Praveenkumar	A. Daniel
20	17A31A0535	Cheruku Katna Swamy	C. Swamy
21	17A31A0548	Nagam Satya Venkat	N. Satya Venkat
22	17A31A0549	Pathi Vasanthi Kumar	P. Vasanthi Kumar
23	17A31A0550	Pendyala Navaneeth Sai Sri Harsha	P. Navaneetha Sai Sri Harsha
24	17A31A0551	Sanampudi Sri Harsha	S. Sri Harsha
25	17A31A0554	Tadala Venkata Tarun	T. Venkata
26	17A31A0555	Thota Ganesh	T. Ganesh
27	17A31A0556	Thota Praveen Sai Santhosh	T. Praveen
28	17A31A0557	Velaga Venkata Sai Kiran	V. Sai Kiran
29	17A31A0558	Venkata Ramana Kandipilli	V. Ramana
30	17A31A0559	Yerramsetti Sai	Y. Sai
31	17A31A0560	Allada Karuna Nidhi	A. Karuna

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Sl.no	Roll Number	Name of Student	Signature
32	17A31A0561	Barla Satya Naga Malleswari	B. Satya naga malleswari
33	17A31A0562	Borra Ratna Sahithi	B. Ratna Sahithi
34	17A31A0563	Chillapalli Saraswathi	Saraswathi
35	17A31A0564	Durgavarapu Sai Amrutha	D. Sai Amrutha
36	17A31A0565	Dwara Sushma	D. Sushma
37	17A31A0566	Gorrela Lohitha	Dwara Sushma
38	17A31A0567	Guddati Jessipriyanka	Jessipriyanka
39	17A31A0568	Jangam Priyanjali	T. Priyanjali
40	17A31A0569	Jeenu Satya Anusha	Anusha
41	17A31A05A0	Boddeti Naveen Katam	Naveen Katam
42	17A31A05A1	Boni Shanmukha Avinash	Avinash
43	17A31A05A3	Dantuluri Ravi Teja	D. Ravi Teja
44	17A31A05A5	Kata Rajesh Varma	K. Rajesh Varma

Signature of Coordinator

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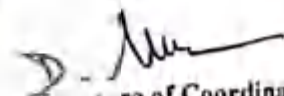
Attendance Sheet Internet of Things

Sl.no	Roll Number	Name of Student	14-11-2018	15-11-2018	16-11-2018	17-11-2018	18-11-2018	19-11-2018
1	17A31B0534	Tondapu Sruthi Reddy	P	P	P	P	P	P
2	16A31B0532	Achanta Akhila Sri Sai	P	P	A	P	P	P
3	16A31B0539	Idury Venkata Sai Bala Bhaskar	P	P	P	P	P	P
4	16A31B0544	Mudunuri Hemanth Raju	P	P	P	P	P	P
5	17A31B0501	Allada Lavanya	P	P	P	P	P	P
6	17A31B0506	Dasari Sahithi	P	A	P	P	P	P
7	17A31B0508	Gudala Alekhya	P	P	P	P	P	P
8	17A31B0510	Kajuluri V.N.D S. Jahnavi	P	P	P	P	P	P
9	17A31B0513	Katta Venika Lakshmi Prada	P	P	P	P	P	A
10	17A31B0517	Kona Jahnavi	P	P	P	P	P	P
11	17A31B0519	Kongara Aruna Sai Devi	P	P	P	P	P	P
12	17A31B0520	Kothapalli Mallika	P	P	P	P	P	P
13	17A31A0501	Afreen Jaha	P	P	P	P	P	A
14	17A31A0502	Bhavagnya Sai Navudu	P	P	P	P	P	P
15	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	P	P	P	P	P	P
16	17A31A0505	Eluri Sri Powshitha	P	P	P	P	P	P
17	17A31A0506	Erragunta Nikhila Devi	P	P	P	P	P	P
18	17A31A0507	Gella Chandini	P	P	P	P	A	P

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19	17A31A0532	Akkina Daniel Praveenkumar	P	P	P	P	P	P
20	17A31A0535	Cheruku Katna Swamy	P	P	P	P	P	P
21	17A31A0548	Nagam Satya Venkat	A	P	P	P	P	P
22	17A31A0549	Pathi Vasanth Kumar	P	A	P	P	P	P
23	17A31A0550	Pendyala Navaneeth Sai Sri Harsha	P	P	P	P	P	P
24	17A31A0551	Sanampudi Sri Harsha	P	P	P	P	P	P
25	17A31A0554	Tadala Venkata Tarun	P	P	P	P	P	P
26	17A31A0555	Thota Ganesh	A	P	P	P	P	P
27	17A31A0556	Thota Praveen Sai Santhosh	P	P	P	P	P	P
28	17A31A0557	Velaga Venkata Sai Kiran	P	P	A	P	P	P
29	17A31A0558	Venkata Ramana Kandipilli	P	P	P	P	P	P
30	17A31A0559	Yerramsetti Sai	P	P	P	P	A	P
31	17A31A0560	Allada Karuna Nidhi	P	P	P	P	P	P
32	17A31A0561	Barla Satya Naga Malleswari	P	P	P	A	P	P
33	17A31A0562	Borra Ratna Sahithi	P	P	P	P	P	P
34	17A31A0563	Chillapalli Saraswathi	A	P	P	P	P	P
35	17A31A0564	Durgavarapu Sai Amrutha	P	P	P	P	P	P
36	17A31A0565	Dwara Sushma	P	A	P	P	P	P
37	17A31A0566	Gorrela Lohitha	P	P	P	P	P	P
38	17A31A0567	Guddati Jessipriyanka	P	P	P	P	P	P
39	17A31A0568	Jangam Priyanjali	P	P	P	P	P	P
40	17A31A0569	Jeenu Satya Anusha	P	P	P	A	P	P
41	17A31A05A0	Boddeti Naveen Katam	P	P	P	P	P	P
42	17A31A05A1	Boni Shanmukha Avinashi	P	P	P	P	P	P
43	17A31A05A3	Dantuluri Ravi Teja	P	P	P	P	P	P
44	17A31A05A5	Kata Rajesh Varma	P	P	P	P	P	P

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Learning is Supreme Duty

Date: 19/11/2018

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Mrs.G.Kumari
Title of Training Program : Internet of Things
Date / Venue : 14/11/2018 to 19/11/2018/Marvin Minsky 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: 5
- 4 Is the Topic useful for career: YES/NO ✓
- 5 Suggestions if any: This seminar is beneficial to all participants

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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 Session

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Report on Internet of Things

Date: 20-11-2018

Resource person details

Name: Mrs.G.Kumari

Designation: Assistant Professor

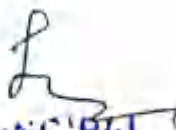
Contact details:

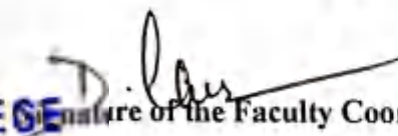
Phone no: 9542335611

A six day Add-on Course on "Internet of Things" was organized by the Department of CSE during 14th Nov. 2019 to 19th Nov. 2019 at Marvin Minsky Lab. A total of 44 students participated in the workshop from CSE Department. The feedback from the students has been collected.



During practice session of MSP 430 Programming


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Faculty Coordinator



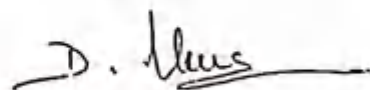
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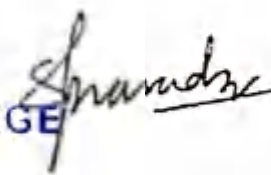
ADB Road, Surampalem, Near Peddapuram, E.G. Dist., A.P

Certificate of Participation

This is to certify that Mr. /Ms. Tondapu Sruthi Reddy Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on **Internet of Things** Conducted from **14/11/2018** to **19/11/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.



Coordinator


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Principal

HOD-CSE



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Certificate of Participation

This is to certify that Mr. /Ms. Achanta Akhila Sri Sai Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on **Internet of Things** Conducted from **14/11/2018** to **19/11/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Coordinator

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Principal



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Certificate of Participation

This is to certify that Mr. /Ms. Idury Venkata Sai Bala Bhaskar
Student of Computer Science Engineering, Pragati Engineering College
has actively participated and successfully completed Add-on Course on
Internet of Things Conducted from **14/11/2018** to **19/11/2018**
organized by Department of CSE, Pragati Engineering College
(Autonomous), Surampalem.

Coordinator

H. Idury 378, ADB ROAD, SURAMPALAM
Near Peddapuram, E.G.Dt (AP)-583417

HoD-CSE

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Principal



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Date: 22-08-2018

CIRCULAR

It is hereby informed to all the students of III B.Tech CSE, that there will be an Add On Course going to be conducted in the Computer Science and Engineering Department as per the below schedule.

Name of the Course: **Gaming Design**

Name of the Faculty: Dr.S.RaoChintalapudi

Start Date: 27/08/2018

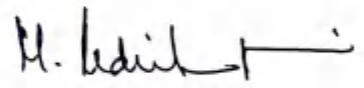
End Date: 01/09/2018


Venue: Marvin Minsky Lab

Interested students are required to get enrolled in this course through their class teacher on or before 24-08-2018.

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

GAMING

DESIGN

from 27/08/2018 to 01/09/2018

Faculty Coordinator

Mr.Y.Manas Kumar

Assistant professor

Department of CSE

Ph: 996679279



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Course Objectives

- To develop creativity and individuality in problem solving and performing tasks.

Duration

- 36 Hours (6 hours each day X 6 days)

Course Outcomes

- Generate innovative ideas and go beyond the obvious and predefined.
- Recognize the underlying principles guiding the relevant visual, audio, interactive, and narrative aesthetics of a particular genre of work, design movement, or designer.


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Course Content

Day 1: Introduction to Game Development


Day 2: Physics involved in Game Development

Day 3: Introduction to Unity

Day 4: JavaScript for Unity

Day 5: Controlling Characters

Day 6: Developing a game using the above tools


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

Course Schedule

Day 1: Introduction to Game Development


Day 2: Physics involved in Game Development

Day 3: Introduction to Unity

Day 4: JavaScript for Unity

Day 5: Controlling Characters

Day 6: Developing a game using the above tools


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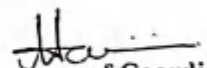
List of Participants for Gaming Design

Sl.no	Roll Number	Name of Student	Signature
1	17A31A0566	Gorrela Lohitha	G. Lohitha
2	17A31A0568	Jangam Priyanjali	J. Priyanjali
3	17A31A0534	Chada Seetha Rama Surya Teja	C.S.R. S. Teja
4	17A31A0501	Afreen Jaha	A. Jaha
5	17A31A0502	Bhavagnya Sai Navudu	B. A. Navudu
6	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	B. S. B. Lakshmi Ramya
7	17A31A0505	Ehuri Sri Powshitha	E. Sri Powshitha
8	17A31A0506	Erragunta Nikhila Devi	E. Nikhila Devi
9	17A31A0507	Gella Chandini	G. Chandini
10	17A31A0508	Gundarapu Bhargavi Devi	G. Bhargavi Devi
11	17A31A0509	Guri Udaya Naga Anantha Jyothi	G. U. N. A. Jyothi
12	17A31A0510	Jyotshna Ganta	J. Ganta Jyotshna
13	17A31A0511	Kaliboyina Grace Vennela	K. G. Vennela
14	17A31A0551	Sanampudi Sri Harsha	S. Sri Harsha
15	17A31A0513	Kantipudi Jyothirmai	K. Jyothirmai
16	17A31A0514	Karri Vijaya Lakshmi	K. Vijaya Lakshmi
17	17A31A0515	Koppana Nagalakshmi	K. Nagalakshmi
18	17A31A0516	Kurukuri Srilakshmi Niharika	K. S. Niharika
19	17A31A0550	Pendyala Navaneeth Sai Sri Harsha	P. N. S. Harsha
20	17A31A0518	Mediseti Sai Sunitha	M. S. Sunitha
21	17A31A0519	Munduri Sharmila	M. Sharmila
22	17A31A0520	Nokku Satya Deepthi	N. Satya Deepthi
23	17A31A0521	Padala Sravani	P. Sravani
24	17A31A0524	Pulidindi Thushara	P. Thushara
25	17A31A0525	Puppala Sujitha Sharone Patricia	P. Sujitha Sharone Patricia
26	17A31A0526	Pydah Viswa Ramya	P. Viswa Ramya
27	17A31A0549	Pathi Vasanth Kumar	P. Vasanth Kumar
28	17A31A0528	Seetipalli Dharani	S. Dharani
29	17A31B0532	Sakshi Rajeswari	S. Rajeswari
30	17A31B0533	Tatavarty Surya Naga Sai Akhila	T. S. N. S. Akhila

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Sl.no	Roll Number	Name of Student	Signature
31	17A31A1201	Allu Jaswanthi	A. Jaswanthi
32	17A31A1214	Manyam. Monika	Manyam. Monika.
33	17A31A1229	Ravanam Dharani	P. Dharani
34	17A31A1239	Adabala Madhava Sai	A. Madhava Sai
35	17A31A1246	Indupurula Murali Sai	I. Murali Sai
36	17A31A1249	Kalagarla Sunilkumar	K. Sunil Kumar
37	17A31A1254	Sunkara Sivaramakrishna	S. Sivaramakrishna.
38	17A31A1256	Vennala Mohanarao	V. Mohanarao


Signature of Coordinator

for


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Attendance Sheet Gaming Design

Sl.no	Roll Number	Name of Student	27-08-2018	28-08-2018	29-08-2018	30-08-2018	31-08-2018	01-09-2018
1	17A31A0566	Gorrela Lohitha	P	P	P	P	P	P
2	17A31A0568	Jangam Priyanjali	P	P	P	P	P	P
3	17A31A0534	Chada Seetha Rama Surya Teja	A	P	P	P	P	P
4	17A31A0501	Afreen Jaha	P	P	P	P	P	P
5	17A31A0502	Bhavagnya Sai Navudu	P	P	A	P	P	P
6	17A31A0503	Bikkina Sri Durga Lakshmi Ramya	P	P	P	P	P	P
7	17A31A0505	Eluri Sri Powshitha	P	P	P	P	P	P
8	17A31A0506	Erragunta Nikhila Devi	P	P	P	P	P	P
9	17A31A0507	Gella Chandini	P	P	P	A	P	P
10	17A31A0508	Gundarapu Bhargavi Devi	P	P	P	P	P	A
11	17A31A0509	Guri Udaya Naga Anantha Jyothi	P	P	P	P	P	P
12	17A31A0510	Jyotshna Ganta	P	P	P	P	P	P
13	17A31A0511	Kaliboyina Grace Vennela	P	P	P	P	P	P
14	17A31A0551	Sanampudi Sri Harsha	P	P	P	P	P	P
15	17A31A0513	Kantipudi Jyothirmai	P	P	P	P	P	P
16	17A31A0514	Karri Vijaya Lakshmi	P	P	P	P	P	P

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17	17A31A0515	Koppana Nagalakshmi	P	P	P	P	P	P
18	17A31A0516	Kurukuri Srilakshmi Niharika	P	P	P	P	P	P
19	17A31A0550	Pendyala Navaneeth Sai Sri Harsha	P	P	P	P	P	P
20	17A31A0518	Mediseti Sai Sunitha	P	P	P	P	P	P
21	17A31A0519	Munduri Sharmila	P	P	P	P	P	P
22	17A31A0520	Nokku Satya Deepthi	P	P	P	P	P	P
23	17A31A0521	Padala Sravani	P	P	P	P	P	P
24	17A31A0524	Pulidindi Thushara	P	P	P	P	P	P
25	17A31A0525	Puppala Sujitha Sharone Patricia	P	P	P	P	P	P
26	17A31A0526	Pydah Viswa Ramya	P	P	P	A	P	P
27	17A31A0549	Pathi Vasanth Kumar	P	P	P	P	P	P
28	17A31A0528	Settipalli Dharani	P	P	P	P	P	P
29	17A31B0532	Sakshi Rajeswari	P	P	P	P	P	P
30	17A31B0533	Tatavarty Surya Naga Sai Akhila	P	P	P	P	P	P
31	17A31A1201	Allu Jaswanthi	P	P	P	P	P	P
32	17A31A1214	Manyam. Monika	P	P	P	P	P	P
33	17A31A1229	Ravanam Dharani	P	P	P	P	P	P
34	17A31A1239	Adabala Madhava Sai	P	A	P	P	P	P
35	17A31A1246	Indupurula Murali Sai	P	P	P	P	P	P
36	17A31A1249	Kalagarla Sunilkumar	P	P	P	P	P	P
37	17A31A1254	Sunkara Sivara nakrishna	A	P	P	P	A	P
38	17A31A1256	Vennala Mohar arao	P	P	P	P	P	P

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Signature of Coordinator



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

Date: 01/09/2018

Department : Computer Science and Engineering

Academic Year : 2018-2019

Name of the speaker : Dr.S.RaoChintalapudi

Title of Training Program : Gaming Design

Date / Venue : 27/08/2018 to 01/09/2018 /APSSDC Marvin Minsky 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: This is so interactive and informative

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Please evaluate on a scale of 5;

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


1 Usefulness of Topic: 5

2 Method of Delivery: 4

3 Related to Subject: 5

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: Valuable information was provided


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

Report on Gaming Design

Date: 02-09-2018

Resource person details

Name: Dr.S.Rao Chintalapudi

Designation: Assistant Professor


Contact details:

Phone no: 9949379392

A Six day Add-on Course on “Gaming Design” was organized by the Departments of CSE during 27th Aug. 2018 to 1st Sep. 2018 at Marvin Minsky Lab. A total of 30 students participated in the workshop. The feedback from the students has been collected.



During practice session of Unity tool


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Signature of the Faculty Coordinator



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Certificate of Participation

This is to certify that Mr./Ms. Gorrela Lohitha Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Game Design Conducted from **27/08/2018** to **01/09/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Manojyogi

Coordinator

L
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M. Gorrela Lohitha
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HOD-CSE
Principal



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Certificate of Participation

This is to certify that Mr./Ms. Jangam Priyanjali Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Game Design Conducted from **27/08/2018** to **01/09/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Coordinator

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Principal



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Certificate of Participation

This is to certify that Mr./Ms.Chada Seetha Rama Surya Teja Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Game Design Conducted from **27/08/2018** to **01/09/2018** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

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Date: 29-12-2018

CIRCULAR

It is here by informed to all the students of I B.Tech CSE, that there will be an Add On Course going to conducted in the college as per the below schedule during this semester.

Name of the Course: **Computational Thinking and problem solving using C**

Name of the Faculty: Dr.S.Suresh

Start Date: 02/01/2019

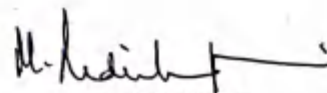
End Date: 08/01/2019

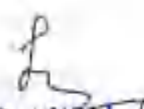
Venue: Marvin Minsky Lab

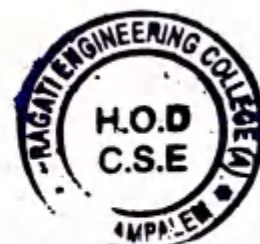
Interested students are required to get enrolled in this course through their class teacher on or before 31-12-2018.

Copy to:

- 1) Principal Office
- 2) Add-On Course File
- 3) All the HODs circulate among their students.


HOD-CSE


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ADB Road, Surampalem, Near Peddapuram, E.G. Dist., A.P.

DEPARTMENT OF CSE

organizes

Add-on Course

on

COMPUTATIONAL THINKING AND PROBLEM SOLVING USING C

from 02/01/2019 to 08/01/2019

Faculty Coordinator **PRINCIPAL**

Mr. Y. Manas Kumar

Assistant professor

Department of CSE

Ph: 996679279

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Course Objectives

The course is designed to provide Basic knowledge of C Programming 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

Day 1:

- Introduction to Problem Solving through programs, Flowcharts.
- Basic Algorithms and Numerical Algorithms with an examples.
- Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching basic programs with an examples.

Day 2:

- Conditional Branching and Iterative Loops with examples.
- Arranging things: Arrays, 1D array, 2D array, Strings: Character array, string array.

Day 3:

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

Day4:


- Advanced Concepts.

Day 5:

- Advanced Concepts.
- Previous TCS Code vita Questions.

Day 6:

- Assessment on Hacker earth


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Course Schedule

Day 1:

- Introduction to Problem Solving through programs, Flowcharts.
- Basic Algorithms and Numerical Algorithms with examples.
- Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching basic programs with an examples.

Day 2:

- Conditional Branching and Iterative Loops with examples.
- Arranging things: Arrays, 1D array, 2D array, Strings: Character array, string array.

Day 3:

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

Day 4:


- Advanced Concepts.

Day 5:

- Advanced Concepts.
- Previous TCS Code vita Questions.

Day 6:

- Assessment on Hacker earth


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

List of Participants for Computational Thinking and problem solving using C

S.No	Roll No	Name of the student	Signature
1	19A35B0504	Vasamsetty Bhavana	V. Bhavana
2	19A35B0501	Karanam Ram Gopal	K. R. Gopal
3	18A31B0501	Alamanda Amuiya	A. Amuiya
4	18A31B0502	Angara Lakshmi Yoshitha	A. Lakshmi Yoshitha
5	17A31B0526	Namala Devi Sireesha	N. Devi Sireesha
6	18A31B0529	Vadrevu Bhargavi Datta	V. Bhargavi Datta
7	18A31B0537	Cheekatla Ravi Madhusudhan	C. Ravi Madhusudhan
8	18A31B0538	Chinta Subash	C. Subash
9	18A31B0539	Dandem Apoorv	D. Apoorv
10	18A31B0540	Kotikalapudi K S V N Narasimha Sarma	K. K. S. V. N. Narasimha Sarma
11	18A31B0541	Kada Karthik Narayana	K. Karthik Narayana
12	18A31B0542	Kalukuracha Ananda Kumar	K. Ananda Kumar
13	18A31B0543	Kavala Karthik	K. Karthik
14	18A31B0537	Cheekatla Ravi Madhusudhan	C. Ravi Madhusudhan
15	18A31B0538	Chinta Subash	C. Subash
16	18A31B0539	Dandem Apoorv	D. Apoorv
17	18A31B0540	Kotikalapudi K S V N Narasimha Sarma	K. K. S. V. N. Narasimha Sarma
18	18A31B0541	Kada Karthik Narayana	K. Karthik Narayana
19	18A31B0542	Kalukuracha Ananda Kumar	K. Ananda Kumar
20	18A31B0543	Kavala Karthik	K. Karthik
21	18A31B0551	Puvvada Venkata Sai Abhiram	P. V. Sai Abhiram
22	18A31B0552	Ragu Leela Venkata Kamalakar Sai	R. L. V. Kamalakar Sai
23	18A31B0553	Prasanth Samidala	P. Samidala Prasanth
24	18A31B0554	Sabbineedi Abhiram	S. Abhiram
25	18A31B0555	Sanniboyina Naveen Eswar	S. Naveen Eswar
26	19A35B0505	Kusuma Mahalakshmi Venkata Deepthi	K. Deepthi
27	18A31A0510	Karri Tulasi	K. Tulasi
28	18A31A0511	Katari Sai Hari Priya	K. S. Hari Priya
29	18A31A0512	Kattoju Siva Jyothi	K. S. Jyothi
30	18A31A0513	Khairunnisa Shah	H. Shah

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S.No	Roll No	Name of the student	Signature
31	18A31A0514	Kotipalli Ramya Sri	K. Ramya Sri
32	18A31A0515	M.Lakshmi Praseeda	M.L. Praseeda
33	18A31A0527	Vathadi JYOSHNA	Vathadi Jyoshna
34	18A31A0528	K.Naimisha	K. Naimisha
35	18A31A0529	Ambati Enosh Kumar	A. Enosh Kumar
36	18A31A0530	Aniseti Satish	A. Satish
37	18A31A0531	Ardhani Vinay	A. Vinay
38	18A31A0558	Vanapalli Satish	V. Satish
39	18A31A0559	Vanteddu Mohana Sai Vamsi	V. M. Sai Vamsi
40	18A31A0560	Varasala Satya Dev	V. Satya Dev
41	19A35A0508	Vuddagiri Murali Gupta	V. Murali Gupta
42	19A35A0504	Yeleti Keerthi	Y. Keerthi
43	19A35A0502	Mandapalli Nagapriya	M. Nagapriya
44	19A35A0507	Tokala Akhil	T. Akhil
45	17A31B0545	Gpillamudi Venkata Sai Pranay Kumar	G.V.S. Venkata Sai Pranay Kumar
46	17A31B0547	Mallidi Rohith Reddy	M. Rohith Reddy
47	17A31B0556	Seela Ajay Krishna	S. Ajay Krishna
48	17A31B0559	Vinnakoti Sravanth Krishna	V.S. Sravanth Krishna
49	17A31A0564	Durgavarapu Sai Amrutha	D.S. Amrutha
50	17A31A0566	Gorrela Lohitha	G. Lohitha
51	17A31A0567	Guddati Jessipriyanka	G. Jessi Priyanka
52	17A31A0577	Nanduri Kamala Kumari	N. Kamala Kumari

Signature of Coordinator

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Attendance Sheet Computational Thinking and problem solving using C

S.No	Roll No	Name of the student	02-01-2019	04-01-2019	05-01-2019	06-01-2019	07-01-2019	08-01-2019
1	19A35B0504	Vasamsetty Bhavana	P	P	P	P	P	P
2	19A35B0501	Karanam Ram Gopal	P	P	P	P	P	P
3	18A31B0501	Alamanda Amulya	P	P	P	P	P	P
4	18A31B0502	Angara Lakshmi Yoshitha	P	P	P	P	P	P
5	17A31B0526	Namala Devi Sireesha	A	P	P	P	P	P
6	18A31B0529	Vadrevu Bhargavi Datta	P	P	P	P	P	P
7	18A31B0537	Cheekatla Ravi Madhusudhan	P	P	A	P	P	P
8	18A31B0538	Chinta Subash	P	P	P	P	P	P
9	18A31B0539	Dandem Apoorv	P	P	P	P	P	A
10	18A31B0540	Sarma	P	P	P	P	P	P
11	18A31B0541	Kada Karthik Narayana	P	P	P	P	P	P
12	18A31B0542	Kalukuracha Ananda Kumar	P	P	P	P	P	P
13	18A31B0543	Kavala Karthik	P	A	P	P	P	P
14	18A31B0537	Cheekatla Ravi Madhusudhan	P	P	P	P	P	P
15	18A31B0538	Chinta Subash	P	P	P	P	P	P
16	18A31B0539	Dandem Apoorv	P	P	P	P	P	P
17	18A31B0540	Sarma	P	P	P	A	P	P
18	18A31B0541	Kada Karthik Narayana	P	P	P	P	P	P
19	18A31B0542	Kalukuracha Ananda Kumar	P	P	P	P	P	P
20	18A31B0543	Kavala Karthik	P	P	P	P	P	P
21	18A31B0551	Puvvada Venkata Sai Abhiram	P	P	P	P	P	P
22	18A31B0552	Ragu Leela Venkata Kamalakar Sai	P	P	P	P	P	P
23	18A31B0553	Prasanth Samidala	P	P	P	P	P	P
24	18A31B0554	Sabbineedi Abhiram	P	P	P	P	P	P

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25	18A31B0555	Sanniboyina Naveen Eswar	P	P	P	P	P	P
26	19A35B0505	Deepthi	P	P	P	P	P	P
27	18A31A0510	Karri Tulasi	A	P	P	P	P	P
28	18A31A0511	Katari Sai Hari Priya	P	P	P	P	P	P
29	18A31A0512	Kattoju Siva Jyothi	P	P	P	P	P	P
30	18A31A0513	Khairunnisa Shah	P	P	P	P	P	P
31	18A31A0514	Kotipalli Ramya Sri	P	P	P	P	P	P
32	18A31A0515	M.Lakshmi Praseeda	P	P	P	P	P	P
33	18A31A0527	Vathadi JYOSHNA	P	P	P	P	P	P
34	18A31A0528	K.Naimisha	P	A	P	P	P	P
35	18A31A0529	Ambati Enosh Kumar	P	P	P	P	P	P
36	18A31A0530	Aniseti Satish	P	P	P	P	P	P
37	18A31A0531	Ardhani Vinay	P	P	P	P	P	P
38	18A31A0558	Vanapalli Satish	P	P	P	P	P	P
39	18A31A0559	Vanteddu Mohana Sai Vamsi	P	P	A	P	P	P
40	18A31A0560	Varasala Satya Dev	P	P	P	P	P	P
41	19A35A0508	Vuddagiri Murali Gupta	P	P	P	P	P	P
42	19A35A0504	Yeleti Keerthi	P	P	P	P	P	P
43	19A35A0502	Mandapalli Nagapriya	P	P	P	P	P	P
44	19A35A0507	Tokala Akhil	P	P	P	P	P	A
45	17A31B0545	Kumar	P	P	P	P	P	P
46	17A31B0547	Mallidi Rohith Reddy	P	P	P	P	P	P
47	17A31B0556	Seela Ajay Krishna	P	P	P	A	P	P
48	17A31B0559	Vinnakoti Sravanth Krishna	P	P	P	P	P	P
49	17A31A0564	Durgavarapu Sai Amrutha	P	P	P	P	P	P
50	17A31A0566	Gorrela Lohitha	P	P	P	P	A	P
51	17A31A0567	Guddati Jessipriyanka	P	P	P	P	P	P
52	17A31A0577	Nanduri Kamala Kumari	P	P	P	P	P	P

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Date: 08/01/2019

Department : Computer Science and Engineering
Academic Year : 2018-2019
Name of the speaker : Dr.S.Suresh
Title of Training Program : Computational Thinking and problem solving using C
Date / Venue : 02/01/2019 to 08/01/2019/Marvin Minsky 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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Date / Venue : 02/01/2019 to 08/01/2019/Marvin Minsky 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: Very informative


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Report on Computational Thinking and problem solving using C

Date: 09-01-2019

Resource person details

Name: Dr.S.Suresh

Designation: Associate Professor

Contact details:

Phone no: 9866381339

A six day Add-on Course on “Computational Thinking and problem solving using C” was organized by the Departments of CSE during 2nd Jan. 2019 to 8th Jan. 2019 at Marvin Minsky Lab. A total of 52 students participated in the workshop from CSE Department. The feedback from the students has been collected.



During practice session of basics of TCSCodevita questions

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Signature of the Faculty Coordinator



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Certificate of Participation

This is to certify that Mr./Ms. Angara Lakshmi Yoshitha Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Computational Thinking and Problem Solving Using C Conducted from **02/01/2019** to **08/01/2019** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Coordinator

HoD-CSE

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Certificate of Participation

This is to certify that Mr./Ms. Namala Devi Sireesha Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Computational Thinking and Problem Solving Using C Conducted from **02/01/2019** to **08/01/2019** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Coordinator

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Principal



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Certificate of Participation

This is to certify that Mr./Ms.Vadrevu Bhargavi Datta Student of Computer Science Engineering, Pragati Engineering College has actively participated and successfully completed Add-on Course on Computational Thinking and Problem Solving Using C Conducted from **02/01/2019** to **08/01/2019** organized by Department of CSE, Pragati Engineering College (Autonomous), Surampalem.

Coordinator

HOD-CSE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 01-02-2019

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: 11-02-2019

End Date: 16-02-2019

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 07-02-2019.

Circulation among III IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File



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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

On

PARALLEL COMPUTING

Resource Person

Mrs. D Sirisha,

Associate Professor,

Dept. of IT,

Pragati Engineering College

DATE: 11-02-2019 to 16-02-2019

- Day 1: Parallel and distributed computing architectures, shared memory processors; distributed memory processors.
- Day 2: Multicore processors, Parallel Programming; programming models
- Day 3: OpenMP for shared memory programs; MPI library for message passing;
- Day 4: Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- Day 5: Matrix computations; graph algorithms. Applications of these algorithms from various domains will be discussed.
- Day 6: Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping

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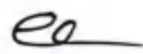
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Topics Covered

Duration: 6 Days (30 hrs)

- **Day 1:** Parallel and distributed computing architectures, shared memory processors; distributed memory processors;
- **Day 2:** Multicore processors, Parallel Programming; programming models
- **Day 3:** OpenMP for shared memory programs; MPI library for message passing;
- **Day 4:** Thread based programming, Parallel algorithms; sorting; matrix-vector multiplication;
- **Day 5:** Matrix computations; graph algorithms, Applications of these algorithms from various domains will be discussed.
- **Day 6:** Characteristics of Interactions, Mapping Techniques for Load Balancing- Static Mapping, Mapping Techniques for Load Balancing- Dynamic Mapping


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Course Objective

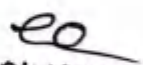
The objective of this course Program is to

- Parallel Computing deals with emerging trends in the use of large scale computing platforms ranging from desktop multicore processors, tightly coupled SMPs, message passing platforms, and state-of-the-art virtualized cloud computing environments.
- To comprehend the ideas of Temporal Parallelism, Data Parallelism, and Parallel Computers.
- To get knowledge of parallel computer structures.
- To understand the mapping Techniques for Load Balancing.

Outcome of the course

Upon completion of the course student will be able to

- Do the problems in parallel
- Be familiar with various parallel computer architectures
- Understand OpenMP for shared memory programs and MPI library for message passing, thread based programming.
- Comprehend How Parallel Computer Performance is Evaluated
- Do Matrix-vector multiplication and matrix computations


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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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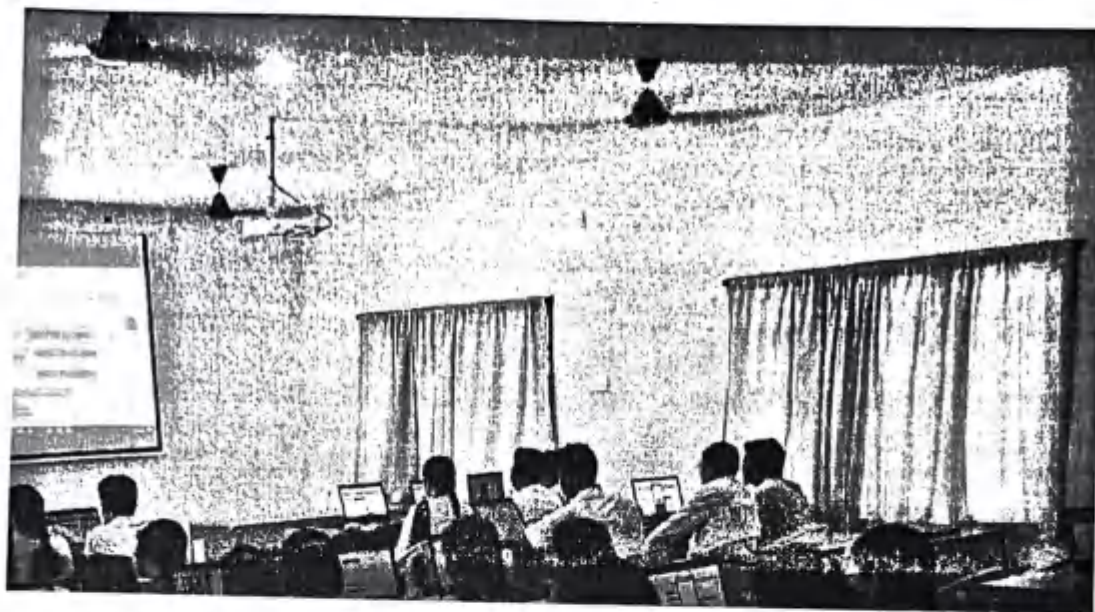
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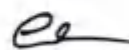
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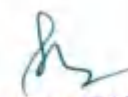
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Photographs during training session




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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	16A31A1201	A Naga Krishnaveni Varaha Lakshmi	A.N.K.V. Lakshmi
2	16A31A1203	Allada Rasi Deepika	A.R. Deepika
3	16A31A1212	Devalla Bhuvaneswari	D. Bhuvaneswari
4	16A31A1214	Gundu Sai Sravani Sreeja	GSS Sreeja
5	16A31A1215	Kara Sushma	K. Sushma
6	16A31A1227	Puranam Alekhya	P. Alekya
7	16A31A1232	Sirigina Mounika	S. Mounika
8	16A31A1235	T Kusumitha	T. Kusumitha
9	16A31A1243	Dunna Sree Vineeth Venkatesh	D.S.V. Venkatesh
10	16A31A1246	Grandhi Rama Krishna Ajay	G.R.K. Ajay
11	16A31A1253	Mannem Sai Ranganath	M.S. Ranganath
12	16A31A1254	Nandam Sai Sri Harsha	N.S.S. Harsha
13	16A31A1256	Pasalapudi Veera Mani Sai Gananath	Gananath
14	16A31A1259	Shaik Hafeez	Shaik Hafeez
15	16A31A1260	Vanga K Veera Venkata Satya Kanth	Vanga. Satya Kanth

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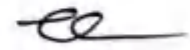
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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	11-02-2019	12-02-2019	13-02-2019	14-02-2019	15-02-2019	16-02-2019
1	16A31A1201	A Naga Krishnaveni Varaha Lakshmi	P	P	P	P	P	P
2	16A31A1203	Allada Rasi Deepika	P	P	P	P	P	P
3	16A31A1212	Devalla Bhuvaneswari	P	P	A	P	P	P
4	16A31A1214	Gundu Sai Sravani Sreeja	P	P	P	P	P	P
5	16A31A1215	Kara Sushma	A	P	P	P	P	P
6	16A31A1227	Puranam Alekhya	P	P	P	A	P	A
7	16A31A1232	Sirigina Mounika	P	A	P	P	P	P
8	16A31A1235	T Kusumitha	P	P	P	P	P	P
9	16A31A1243	Dunna Sree Vineeth Venkatesh	P	P	A	P	P	P
10	16A31A1246	Grandhi Rama Krishna Ajay	A	P	P	A	P	P
11	16A31A1253	Mannem Sai Ranganath	P	A	P	P	A	P
12	16A31A1254	Nandam Sai Sri Harsha	P	P	P	P	P	A
13	16A31A1256	Pasalapudi Veera Mani Sai Gananath	A	P	P	P	P	P
14	16A31A1259	Shaik Hafeez	P	P	A	P	P	P
15	16A31A1260	Vanga K Veera Venkata Satya Kanth	P	P	P	A	P	P


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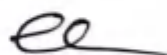
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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	16A31A1201	6	6
2	16A31A1203	6	6
3	16A31A1212	6	5
4	16A31A1214	6	6
5	16A31A1215	6	5
6	16A31A1227	6	4
7	16A31A1232	6	5
8	16A31A1235	6	6
9	16A31A1243	6	5
10	16A31A1246	6	4
11	16A31A1253	6	4
12	16A31A1254	6	5
13	16A31A1256	6	5
14	16A31A1259	6	5
15	16A31A1260	6	5


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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date: 16-02-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2018-2019

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLEL COMPUTING Value added course"

Date / Venue: 11-02-2019 to 16-02-2019 / IT Computer Lab

Please evaluate on a scale of 5;

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

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

A.W.K.V. Lakshmi

[Handwritten signature]

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PARALLEL COMPUTING VALUE ADDED COURSE - FEEDBACK

Date: 16-02-2019

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2018-2019

Name of the speaker: Mrs. D Sirisha

Title of Training Program: "PARALLE COMPUTING Value added course"


Date / Venue: 11-02-2019 to 16-02-2019 / IT Computer Lab

Please evaluate on a scale of 5;

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

- 1 Usefulness of Topic: *Very Good*
- 2 Method of Delivery: *Excellent*
- 3 Related to Subject: *Average*
- 4 Is the Topic useful for career: YES/NO ☒ YES
- 5 Suggestions if any: *Real time example what we said must be clear*

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Certificate of Participation

This is to certify that Mr./Ms. A. Varaha Lakshmi Student of Information Technology,
Pragati Engineering college has actively participated and successfully completed Add-on course on
Parallel Computing conducted from 11-02-2019 to 16-02-2019 Organized by Department of IT, Pragati
Engineering college (Autonomous), Surampalem.

DATE

16-02-2019

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Certificate of Participation

This is to certify that Mr./Ms. Allada Rasi Deepika Student of Information Technology,
Pragati Engineering college has actively participated and successfully completed Add-on course on
Parallel Computing conducted from 11-02-2019 to 16-02-2019 Organized by Department of IT, Pragati
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DATE

16-02-2019



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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 12-06-2018

CIRCULAR

It is hereby informed to the III 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: **MONGODB**

Name of the Faculty: **Dr. S Suresh**

Start Date: 18-06-2018

End Date: 23-06-2018

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 13-06-2018.

Circulation among IV 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

MONGODB

Resource Person

Dr. S Suresh,

Associate Professor,

Department of IT,

Pragati Engineering College

DATE: 18-06-2018 TO 23-06-2018

Day 1: Introduction to MongoDB, Features of MongoDB

Day 2: MongoDB Datatypes, Data Modeling in MongoDB

Day 3: MongoDB Operators, MongoDB Database commands

Day 4: MongoDB Shell, MongoDB Tools

Day 5: Advanced Indexing, MongoDB - Indexing Limitations, Java MongoDB Connectivity

Day 6: MongoDB – ObjectID, MongoDB Cloud Manager, MongoDB Ops Manager

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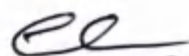
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Topics Covered

Duration: 6 Days (30 hrs)

- **Day 1:** Introduction to MongoDB, Features of MongoDB
- **Day 2:** MongoDB Datatypes, Data Modeling in MongoDB
- **Day 3:** MongoDB Operators, MongoDB Database commands
- **Day 4:** MongoDB Shell, MongoDB Tools
- **Day 5:** Advanced Indexing, MongoDB - Indexing Limitations, Java MongoDB Connectivity
- **Day 6:** MongoDB - ObjectID, MongoDB Cloud Manager, MongoDB Ops Manager


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Course Objective

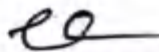
The objective of this course Program is to

- Develop highly scalable and cost-efficient applications with MongoDB
- Build efficient MongoDB data models for enterprise-scale applications
- Enhance performance with indexing and sharing
- Manage consistency with write concern and read preference
- Process data and compute results with aggregation pipelines and MapReduce


Outcome of the course

Upon completion of the course student will be able to

- Install and setup the MongoDB database
- Use the MongoDB shell to access the database
- Create, retrieve, update and delete data
- Use aggregation queries
- Appreciate the APIs used to interface with MongoDB
- Understand the document based structure of the database
- Use an API to develop applications
- Optimise queries with indexes
- Document based data modelling


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REPORT

Resource person details

Name: Dr. S Suresh

Designation: ASSOCIATE PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: suresh.s@pragati.ac.in

On Day 1 discussed about Introduction to MongoDB, Features of MongoDB.

A record in MongoDB is a document, which is a data structure composed of field and value pairs. MongoDB documents are similar to JSON objects. The values of fields may include other documents, arrays, and arrays of documents.

MongoDB is a scalable, flexible NoSQL document database platform designed to overcome the relational databases approach and the limitations of other NoSQL solutions. MongoDB is well known for its horizontal scaling and load balancing capabilities, which has given application developers an unprecedented level of flexibility and scalability.

MongoDB Atlas is the leading global cloud database service for modern applications. Using Atlas, developers can deploy fully managed cloud databases across AWS, Azure, or Google Cloud.

On Day 2 discussed about MongoDB Datatypes, Data Modeling in MongoDB

MongoDB supports many datatypes. Some of them are -

- **String** - This is the most commonly used datatype to store the data. String in MongoDB must be UTF-8 valid.
- **Integer** - This type is used to store a numerical value. Integer can be 32 bit or 64 bit depending upon your server.
- **Boolean** - This type is used to store a boolean (true/ false) value.
- **Double** - This type is used to store floating point values.
- **Min/ Max keys** - This type is used to compare a value against the lowest and highest BSON elements.
- **Arrays** - This type is used to store arrays or list or multiple values into one key.
- **Timestamp** - timestamp. This can be handy for recording when a document has been modified or added.
- **Object** - This datatype is used for embedded documents.
- **Null** - This type is used to store a Null value.
- **Symbol** - This datatype is used identically to a string; however, it's generally reserved for languages that use a specific symbol type.
- **Date** - This datatype is used to store the current date or time in UNIX time format. You

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- can specify your own date time by creating object of Date and passing day, month, year into it.
- **Object ID** – This datatype is used to store the document's ID.
- **Binary data** – This datatype is used to store binary data.
- **Code** – This datatype is used to store JavaScript code into the document.
- **Regular expression** – This datatype is used to store regular expression.

The key challenge in data modeling is balancing the needs of the application, the performance characteristics of the database engine, and the data retrieval patterns. When designing data models, always consider the application usage of the data (i.e. queries, updates, and processing of the data) as well as the inherent structure of the data itself.

On Day 3 discussed about MongoDB Operators, MongoDB Database commands.

There are many query operators that can be used to compare and reference document fields.

Comparison

The following operators can be used in queries to compare values:

- **\$eq**: Values are equal
- **\$ne**: Values are not equal
- **\$gt**: Value is greater than another value
- **\$gte**: Value is greater than or equal to another value
- **\$lt**: Value is less than another value
- **\$lte**: Value is less than or equal to another value
- **\$in**: Value is matched within an array

Logical

The following operators can logically compare multiple queries.


- **\$and**: Returns documents where both queries match
- **\$or**: Returns documents where either query matches
- **\$nor**: Returns documents where both queries fail to match
- **\$not**: Returns documents where the query does not match

Collection commands, Database commands, Row commands were also discussed.

On Day 4 discussed about MongoDB Shell, MongoDB Tools

The **mongo** shell is an interactive JavaScript interface to MongoDB. You can use the **mongo** shell to query and update data as well as perform administrative operations.

Database tools is a collective term for tools, utilities, and assistants that can make life easier when performing database administration tasks.


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While not necessary to use, database tools and utilities can save you time and effort. MongoDB has a first party collection of extremely helpful, good to know command-line

utilities that you can use in your deployment. In this article we are going to briefly mention installation and then cover the most useful utilities to know.

MongoDB separates its tools and utilities into four categories: Binary Import / Export, Data Import / Export, Diagnostic Tools, and GridFS so we'll cover them accordingly.

On Day 5 discussed about Advanced Indexing, MongoDB - Indexing Limitations, Java MongoDB Connectivity

Indexes in any database are essential in improving the performance of their data retrieval speed, and the same is true for MongoDB. By using indexes, performance in MongoDB queries becomes more efficient. Here student learnt about the different indexing techniques and their limitations.


Before starting using MongoDB in Java programs, we need to make sure that we have MongoDB CLIENT and Java set up on the machine. we need to download the jar mongodb-driver-3.11.2.jar and its dependency mongodb-driver-core-3.11.2.jar.

You can connect to and communicate with MongoDB using the `MongoClient` class.

Use the `MongoClients.create()` method to construct a `MongoClient`. As each `MongoClient` represents a thread-safe pool of connections to the database, most applications only require a single instance of a `MongoClient`, even across multiple threads. All resource usage limits, such as max connections, apply to individual `MongoClient` instances.

On Day 6 discussed about MongoDB - ObjectID, MongoDB Cloud Manager, MongoDB Ops Manager

Cloud Manager is managed software-as-a-service where you only have to install relevant agents (monitoring, automation, or backup) in your infrastructure. Ops Manager is on-premise software that is part of an Enterprise subscription: you have to install and manage all services on your own infrastructure.


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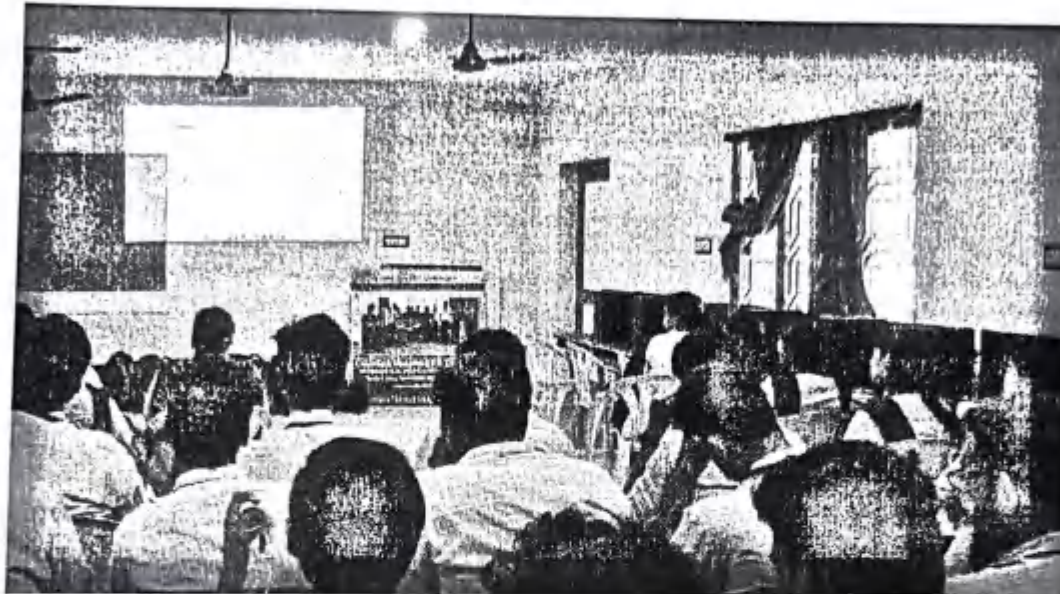
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Photographs during training session



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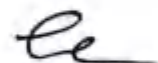
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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	16A31A1204	B Pranitha Krishna Valli	B. Pranitha
2	16A31A1205	Bandaru Ramya	B. Ramya
3	16A31A1210	Chodisetty Rohini Pravallika	Ch. Pravallika
4	16A31A1212	Devalla Bhuvaneswari	D. Bhuvaneswari
5	16A31A1221	Mootina Bhargavi Amulya	M. Amulya
6	16A31A1223	Nekkanti Divya Saine	D. Saine
7	16A31A1226	Pantham Kavya Sree	P. KAVYA SREE
8	16A31A1229	Rudra Gani Rajyalakshmi	R.G. Rajyalakshmi
9	16A31A1230	Sanagavarapu Kanaka Sai Poornima	S. Poornima
10	16A31A1235	T Kusumitha	T. Kusumitha
11	16A31A1243	Dunna Sree Vineeth Venkatesh	D.S.V. Venkatesh
12	16A31A1246	Grandhi Rama Krishna Ajay	Gr. Rama Krishna
13	16A31A1251	Kandregula Rajesh	K. Rajesh
14	16A31A1252	Kesepattapu Nikhil	K. Nikhil
15	16A31A1253	Mannem Sai Ranganath	M. Sai Ranganath


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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	18-06-2018	19-06-2018	20-06-2018	21-06-2018	22-06-2018	23-06-2018
1	16A31A1204	B Pranitha Krishna Valli	P	P	P	P	P	P
2	16A31A1205	Bandaru Ramya	P	P	P	P	P	P
3	16A31A1210	Chodisetty Rohini Pravallika	P	P	A	P	P	A
4	16A31A1212	Devala Bhuvaneswari	A	P	P	P	P	P
5	16A31A1221	Mootina Bhargavi Amulya	P	P	P	A	A	P
6	16A31A1223	Nekkanti Divya Saine	P	P	P	P	P	P
7	16A31A1226	Pantham Kavya Sree	P	P	P	P	P	P
8	16A31A1229	Rudra Gani Rajyalakshmi	P	A	P	P	P	P
9	16A31A1230	Sanagavarapu Kanaka Sai Poornima	P	A	P	P	P	P
10	16A31A1235	T Kusumitha	P	P	P	P	P	P
11	16A31A1243	Dunna Sree Vinceth Venkatesh	P	P	P	P	P	A
12	16A31A1246	Grandhi Rama Krishna Ajay	P	P	A	P	P	P
13	16A31A1251	Kandregula Rajesh	P	P	P	P	P	P
14	16A31A1252	Kesepattapu Nikhil	P	P	P	P	P	P
15	16A31A1253	Mannem Sai Ranganath	P	P	P	A	P	P

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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	16A31A1204	6	6
2	16A31A1205	6	6
3	16A31A1210	6	4
4	16A31A1212	6	5
5	16A31A1221	6	4
6	16A31A1223	6	6
7	16A31A1226	6	6
8	16A31A1229	6	5
9	16A31A1230	6	5
10	16A31A1235	6	6
11	16A31A1243	6	5
12	16A31A1246	6	5
13	16A31A1251	6	6
14	16A31A1252	6	6
15	16A31A1253	6	5

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MONGODB VALUE ADDED COURSE - FEEDBACK

Date: 23-06-2018

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2018-2019

Name of the speaker: Dr. S Suresh


Title of Training Program: " MongoDB Value added course"

Date / Venue: 18-06-2018 to 23-06-2018 /IT Computer Lab

Please evaluate on a scale of 5;

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

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


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T. Kumitha



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MONGODB VALUE ADDED COURSE - FEEDBACK

Date: 23-06-2018

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2018-2019

Name of the speaker: Dr. S Suresh

Title of Training Program: "MongoDB Value added course"

Date / Venue: 18-06-2018 to 23-06-2018 / IT Computer Lab

Please evaluate on a scale of 5;

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

- 1 Usefulness of Topic: *Very Good*
- 2 Method of Delivery: *Very Good*
- 3 Related to Subject: *Excellent*
- 4 Is the Topic useful for career: YES/NO
- 5 Suggestions if any: *Real time example what we said must be clear*

B. Ramya

[Signature]
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Certificate of Participation

This is to certify that Mr./Ms. B. Pranitha Kaishna Valli Student of Information Technology,
Pragati Engineering college has actively participated and successfully completed Add-on course on
MongoDB conducted from 18-06-2018 to 23-06-2018 Organized by Department of IT, Pragati
Engineering college (Autonomous), Surampalem.

DATE

23-06-2018

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Engineering college (Autonomous), Surampalem.

DATE

23-06-2018

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DEPARTMENT OF CIVIL ENGINEERING

Surampalem,
Date: 10/07/2018

CIRCULAR

It is to inform all the students of B Tech II, III, & IV year that the department of civil engineering is planning to organize a LEVEL A (Structural Design of foundations for structures) Workshop on 17/07/2018 to 9/08/2018 by department of Civil Engineering. All the Interested candidates can enroll their names with Mrs K. Lalitha, Assistant professor, Department of Civil Engineering on or before 14/07/2018. The number of participants to this is limited; preference is based on first come first basis.


Venue: Classroom CS-2 CIVIL DEPARTMENT BLOCK

Date: 17/07/2018

Copy to:

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




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



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUH, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognized by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 262233, 262234, 262235, Fax : 262232, Website : www.pragati.ac.in
(Sponsored by Gayatri Educational Society)

D No. 2-24-4/2, Ground Floor, Janmatashrami Park Road, Brhmapur, Kakinada - 3. Ph : 0884 - 2355900, Fax : 2383960

Objective of the Course

The course is designed for students to Simply described; the foundation of a structure serves to transmit loads from the structure to the earth. As such, the design of a foundation requires an estimation of the magnitude and location of loads that need supporting, a plan for the evaluation of the subsurface.

Topic Covered:

WEEK1: Structural design of concrete foundations

1. Geometry and loads
2. Design calculations for end region with straight strands
3. Define strut and tie model.

WEEK2: Practical Structural design aspects

1. Theoretical study on High-frequency fatigue behaviour of concrete.
2. Shape optimisation of Reinforced underground tunnels.
3. Pushover analysis – cyclic loading, deterioration effect in RC Moment Frames in pushover analysis.
4. Prefabricated multistory structure, exposure to engineering seismicity

WEEK3: Understanding of Design codes and standards pertaining to structural design

1. Minimum Design Loads for Buildings and Other Structures, 3rd Printing (Standard ASCE/SEI 7-10)
2. Minimum Design Loads and Associated Criteria for Buildings and Other Structures (Standards – ASCE/Sei)-New Release Version-2016

WEEK4: Hands on experience of preparation of Structural design calculations.

K. L.
co-ordinator

R.
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D No. 2-24-4/2, Ground Floor, Jannabhooni Park Road, Binagar, Kakinada - 3. Ph: 0884 - 2359900, Fax: 2353900

OUTCOMES OF THE COURSE

Students will be able to:

- The prestressing steel material properties
- The structural effect of prestressing, and practical performance
- Design of prestressed concrete structures in the service and ultimate limit states
- General performance of concrete element structures
- Design of horizontal and vertical composed concrete element plates

K. La
co-ordinator

[Signature]
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Ph: 08852 - 262233, 262234, 262235, Fax: 262232, Website: www.pragati.ac.in
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D No. 2-24-4/2, Ground Floor, Janmaddhavi Park Road, Brajaraj, Kakinada - 3, Ph: 0884 - 2355900, Fax: 2363900

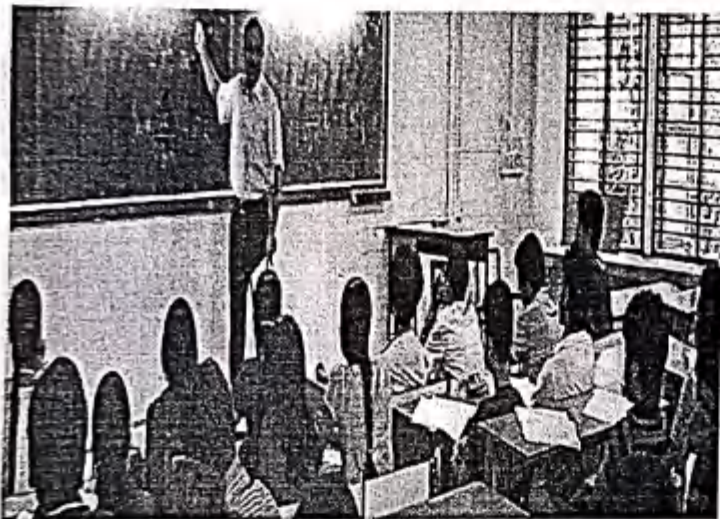
Resource Person Details

Name: Mr.P.Venkata mutyalu

Designation: Assistant Professor

Contact Details: 9294064335

Photographs during training Session



*

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D No: 2-24-4/2, Ground Floor, Janmatswami Park Road, Surampalem - 3, Ph: 0884 2352999, Fax: 2352999

Department of CIVIL Engineering

STUDENTS ENROLLED

S.No	Name of the Student	Roll Number	Signature
1	Kollu Deepthi	17A31A0107	K. Deepthi
2	Riya Jain	17A31A0116	R. Jain
3	Adabala Naveen Babu	17A31A0120	Naveen
4	Kandregula Sai Sumanth	17A31A0134	S. Sumanth
5	Sarika Sairam	17A31A0152	S. Sairam
6	Gorli Sai Krishna	18A35A0108	S. Krishna
7	Mudugu Blessi	17A31A0165	B. Blessi
8	Chitturi Manohar	17A31A0182	C. Manohar
9	Sabella Hari Pavan Reddy	17A31A01A7	S. H. P. Reddy
10	Maliboina Veerasatish	18A35A0122	M. Veerasatish
11	Gangi V V Durga Prasad	18A35A0127	G. V. D. Prasad
12	Sunkara Satya Srivedi	16A31A0106	S. Satya Srivedi
13	Vahada Sriveni	16A31A0109	V. Sriveni
14	Kadiyala Ijak	16A31A0125	K. Ijak
15	Palepu Rakesh Raju	16A31A0143	P. Rakesh Raju
16	Thota Sai Krishna	16A31A0153	T. Sai Krishna
17	Kante Sai	17A35A0103	K. Sai
18	Rapaka Kumar Chandan	17A35A0112	R. Chandan
19	Peeru Supriya	16A31A0168	P. Supriya
20	Chakkani Guru Teja	16A31A0174	C. Guru Teja
21	Juttika Surendra	16A31A0185	J. Surendra
22	Pyla Prudhvi Raj	16A31A01A2	P. Prudhvi Raj
23	V Somchandh	16A31A01A8	V. Somchandh
24	Mendu Brunda	15A31A0106	M. Brunda
25	Abdul Hameed Khan	15A31A0118	A. H. Khan

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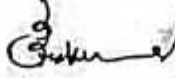
1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437

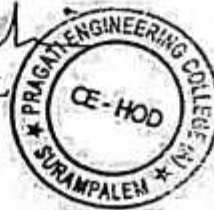
26	Burra Ram Vinay	15A31A0123	P. Ram Vinay
27	Gidijala Vijaya Durga	16A35A0104	Vijaya
28	Kadmisetti Gowtham Kumar	15A31A0184	K. Gowtham K.
29	Thummalapalli Surekha Devi	16A35A0117	S. Surekha

K. Lata

Co-Ordinator

P. Venkatesh Kumar
Resource Person


HOD-CIVIL





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U.No. 2-24-42, Unacad Estate, Jammaladdevu Park Road, Binnagel, Nakhuda - 3 Ph: 0864 - 2355992, Fax: 2363992

Department of CIVIL Engineering

ATTENDANCE REPORT

S.No	Roll Number	Classes Conducted	Classes Attended
1	17A31A0107	42	40
2	17A31A0116	42	42
3	17A31A0120	42	42
4	17A31A0134	42	42
5	17A31A0152	42	41
6	18A35A0108	42	42
7	17A31A0165	42	42
8	17A31A0182	42	41
9	17A31A01A7	42	40
10	18A35A0122	42	42
11	18A35A0127	42	42
12	16A31A0106	42	42
13	16A31A0109	42	41
14	16A31A0125	42	42
15	16A31A0143	42	42
16	16A31A0153	42	42
17	17A35A0103	42	42
18	17A35A0112	42	40
19	16A31A0168	42	42
20	16A31A0174	42	42
21	16A31A0185	42	42
22	16A31A01A2	42	40
23	16A31A01A8	42	42
24	15A31A0106	42	41

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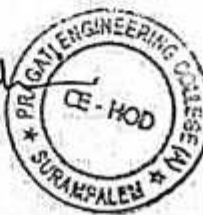
1-378, ADB ROAD, SURAMPALEM
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25	15A31A0118	42	42
26	15A31A0123	42	42
27	16A35A0104	42	42
28	15A31A0184	42	41
29	16A35A0117	42	40

K. Lavitha
Co-Ordinator

P. Venkatesh Kumar
Resource Person

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HOD-CIVIL



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U No: 2-24-42 District: East Godavari Park Road, Surampalem, E.G. District, A.P. - 533 437

Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 12/4/18		Dt: 15/7/18		Dt: 19/7/18		Dt: 20/7/18		Dt: 21/7/18		Dt: 23/7/18	
	1	2	3	4	5	6	7	8	9	10	11	12
17A31A0107	P	P	P	P	A	A	P	P	P	P	P	P
17A31A0116	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0120	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
17A31A0152	P	P	P	P	P	P	P	P	P	P	P	A
18A35A0108	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0165	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0182	P	P	P	P	P	P	P	P	P	P	P	P
17A31A01A7	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0122	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
16A31A0106	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0109	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0125	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0143	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0153	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0103	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0112	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0168	P	P	P	P	P	P	P	P	P	P	P	P
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16A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P

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15A31A0106	P	P	P	P	P	P	P	P	P	P	P	P
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15A31A0184	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0117	P	P	P	P	P	P	P	P	P	P	P	P

K. Lalitha
Co-Ordinator

P. Venkatesh
Resource Person



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Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 24/7/18		Dt: 25/7/18		Dt: 26/7/18		Dt: 27/7/18		Dt: 28/7/18		Dt: 30/7/18	
	13	14	15	16	17	18	19	20	21	22	23	24
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17A31A0116	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0120	P	P	P	P	P	P	P	P	P	P	P	P
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17A31A0152	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0108	P	P	P	P	P	P	P	P	P	P	P	P
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17A31A01A7	P	P	P	P	P	P	P	P	P	P	P	P
18A35A0122	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
16A31A0106	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0109	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0125	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0143	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0153	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0103	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0112	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0168	P	P	P	P	P	P	P	P	P	P	P	P
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16A31A0185	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01A2	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P

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13 km 2-24-452 Unnao Road, Jammalamma Park Road, Dr. Nagar, Kakana - 3, Ph: 0884 - 2355600, Fax: 2355600

Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 31/7/18		Dt: 1/8/18		Dt: 2/8/18		Dt: 3/8/18		Dt: 4/8/18		Dt: 6/8/18	
	25	26	27	28	29	30	31	32	33	34	35	36
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17A31A0116	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0120	P	P	P	P	P	P	P	P	P	P	P	P
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16A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P

(Signature)

(Signature)

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Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 7/8/18	Dt: 8/8/18	Dt: 9/8/18	Dt: 10/8/18	Dt: 11/8/18	Dt: 12/8/18	Dt:	Dt:	Dt:
	37	38	39	40	41	42			
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17A31A0116	P	P	P	P	P	P			
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16A31A0168	P	P	P	P	P	P			
16A31A0174	P	P	P	P	P	P			
16A31A0185	P	P	P	P	P	P			
16A31A01A2	P	P	P	P	P	P			
16A31A01A8	P	P	P	P	P	P			

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15A31A0106	P	P	P	P	P	P								
15A31A0118	P	P	P	P	P	P								
15A31A0123	P	P	P	P	P	P								
16A35A0104	P	P	P	P	P	P								
15A31A0184	P	P	P	P	P	P								
16A35A0117	P	P	P	P	A	A								

K. Lalitha

Co-Ordinator

D. Venkatesh Kumar
Resource Person



Signature

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(S No. 2-24-4-2, Government Order, Janamathasani Park Road, Busstop, Mahimidi - 3, Ph: 0864 - 235222, Fax: 234390)

Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 19/2/19		Dt: 20/2/19		Dt: 21/2/19		Dt: 22/2/19		Dt: 23/2/19		Dt: 25/2/19	
	25	26	27	28	29	30	31	32	33	34	35	36
17A31A0113	P	P	A	A	P	P	P	P	P	P	P	P
17A31A0122	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
17A31A0137	P	P	A	P	P	P	P	P	P	P	P	P
17A31A0138	P	P	P	P	A	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	A	A	P	P	P	P	P	P
18A35A0112	A	P	P	P	P	P	P	P	P	P	P	P
17A31A0177	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0178	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0185	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0189	A	P	P	P	P	P	P	P	P	P	P	P
17A31A01A3	P	P	P	P	A	A	P	P	P	P	P	P
17A31A01A5	P	P	P	P	P	P	P	P	P	P	P	P
17A31A01A8	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
16A31A0102	A	P	P	P	P	P	P	P	P	P	P	P
16A31A0110	A	A	P	P	P	P	P	P	P	P	P	P
16A31A0114	P	P	P	P	A	A	P	P	P	P	P	P
16A31A0118	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0134	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0144	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0106	A	A	P	P	P	P	P	P	P	P	P	P
17A35A0113	P	P	P	P	P	P	P	P	P	P	P	P

PRINCIPAL

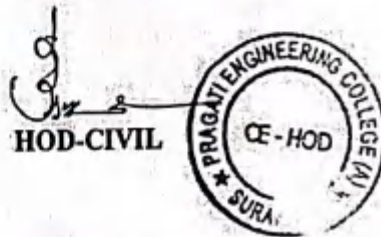
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16A31A0172	P	P	A	P	P	P	P	P	P	P	P	P
17A35A0120	P	P	P	A	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0109	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0102	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A9	A	P	P	P	P	P	P	P	P	P	P	P
16A35A0118	P	P	P	P	P	P	P	P	P	P	P	P

R. S.K. Supretha.
Co-Ordinator

M.
Resource Person



✍

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Department of CIVIL Engineering FEEDBACK FORM

Date: 9/8/2018

DEPARTMENT : CIVIL

ACADEMIC YEAR : 2018 - 2019

NAME OF THE SPEAKER : P. Venkata Murthy

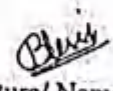
TITLE OF TRAINING PROGRAM : Structural design of foundations & Structures


DATE/VENUE : CS-2
17-7-2018

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 : 5
5. Suggestion if any : -


Signature/ Name of the Student
(Optional)


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D No: 2-24-42, Ground Floor, Jannabhisooni Park Road, Bhrnagar, Kakinada - 3, Ph: 0884 - 2355000, Fax: 2353900

Department of CIVIL Engineering

FEEDBACK FORM

Date: 9/2/2018

DEPARTMENT : Civil
ACADEMIC YEAR : 2018-2019
NAME OF THE SPEAKER : P. Venkata Mutyalu
TITLE OF TRAINING PROGRAM : Structural design of foundations for structures
DATE/VENUE : CS-2
17/4/2018

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 : 5
5. Suggestion if any : -

JiJaya
Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 9/8/2018

DEPARTMENT : civil
ACADEMIC YEAR : 2018 - 2019
NAME OF THE SPEAKER : P. Venkata mutyalu.
TITLE OF TRAINING PROGRAM : Structural design of foundation for structures.
DATE/VENUE : CS-2
17-7-2018

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 : 5
5. Suggestion if any : -

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering

FEEDBACK FORM

Date: 9/8/2018

DEPARTMENT : Civil

ACADEMIC YEAR : 2018 - 2019

NAME OF THE SPEAKER : P. Venkata Murthy

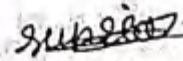
TITLE OF TRAINING PROGRAM : Structural design of foundations for structures

DATE/VENUE : CS-2
17/7/2018

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 : 3
3. Related to Subject : 4
4. Is the topic useful for career : 4
5. Suggestion if any : -


Signature/ Name of the Student
(Optional)


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Department of CIVIL Engineering FEEDBACK FORM

Date:

DEPARTMENT : Civil
ACADEMIC YEAR : 2018-2019
NAME OF THE SPEAKER : P. Venkata Mutyalu
TITLE OF TRAINING PROGRAM : structural design of foundations for structures
DATE/VENUE : CS-2
17/7/2018

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 : 3
3. Related to Subject : 4
4. Is the topic useful for career : 4
5. Suggestion if any : -

P. Sai
Signature/ Name of the Student
(Optional)

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PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING*

This certificate is presented to:

T SUREKHA DEVI

For participating in the Workshop of "Structural Design
of Foundations for Structures" on 17/07/2018

FACULTY INCHARGE

CE - HOD

lalitha

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DEPARTMENT OF CIVIL ENGINEERING

This certificate is presented to:

K GOWTHAM KUMAR

For participating in the Workshop of "Structural Design
of Foundations for Structures" on 17/07/2018

FACULTY INCHARGE

CE - HOD

lalitha

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DEPARTMENT OF CIVIL ENGINEERING

Surampalem,

Date: 28/01/2019

CIRCULAR

It is to inform all the students of B Tech II, III, & IV year that the department of civil engineering is planning to organize a LEVEL A "Water Treatment of Boilers" Workshop on 05/02/2019 to 28/02/2019 by department of Civil Engineering. All the Interested candidates, can enroll their names with Ms R.S.K.Supritha., Assistant professor, Department of Civil Engineering on or before 11/02/2019. The number of participants to this is limited; preference is based on first come first basis.

Venue: Classroom CS-2 CIVIL DEPARTMENT BLOCK

Date: 05/02/2019

Copy to:

Circulate among CE Students and Faculty,

Dept. File.

CE Notice Board

Principal for Information



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Objective of the Course

The course is designed for students to the Boiler Water Treatment Training class offers an understanding of the problems caused in a boiler system and teaches operators how to pre-test and pre-treat the water going into the boiler system as well as how to test and treat internal water.

Topic Covered:

WEEK 1: Understanding Basics about Steam, Boiler designs and components

1. What is Steam Boiler? Definitions.
2. Steam Boiler Basics.
3. History of Steam Boilers.
4. Main Parts of Steam Boiler

WEEK 2: Understanding Water Quality Importance for Boilers.

1. The dissolved solids.
2. The pH of the boiler feed water.
3. Dissolved Oxygen in the feed water entering the boiler.
4. Silica in boiler water.

WEEK 3: Understanding Water Mass-Balance in Boilers.

1. Measurements.
2. Boiler feed water flow rate.
3. Oil flow rate.
4. Temperature Measurements Feed water
- 5.

WEEK 4: Understanding Basics about Water Treatments Chemicals & Technologies for Boilers

AS.K
co-ordinator

AS

R
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OUTCOMES OF THE COURSE

Students will be able to:

- ✓ Describe types of boilers; their use and limitations.
- ✓ Describe types of fuels; their use and limitations.
- ✓ Demonstrate understanding of combustion systems and their application to the type of boilers
- ✓ Explain the need for and methods of boiler water treatment.
- ✓ Explain types of combustion systems and their maintenance requirements.
- ✓ Describe boiler safety devices, adjustment and testing.

PSK
co-ordinator

PSK

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Resource Person Details

Name: Mr. M Srilakshmi.

Designation: Assistant Professor

Contact Details: 9440469936

Photographs during training Session



Handwritten signature

Handwritten signature
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Department of Civil Engineering

STUDENTS ENROLLED for Water Treatment of Boilers

S.No	Name of the Student	Roll Number	Signature
1	Pattapu Lahari Sridevi	17A31A0113	P.L. Sridevi
2	Bandi Venkata Phani	17A31A0122	B. Venkata Phani
3	Ganji Subhash	17A31A0128	G. Subhash
4	Kothapalli Siva	17A31A0137	K. Siva
5	Kurma Srikar	17A31A0138	K. Srikar
6	Bethina Sateesh	18A35A0103	B. Sateesh
7	Kattamuru Chandu	18A35A0112	K. Chandu
8	Visanala Srilekha	17A31A0177	Sri. lekha
9	Buddiga Mahesh Babu	17A31A0178	B. Mahesh Babu
10	Doolla Pruthviraj	17A31A0185	D. Pruthviraj
11	Jyothula Rajkumar	17A31A0189	J. Rajkumar
12	Panthagada Dileep	17A31A01A3	P. Dileep
13	Penke Venkata Satya Sai Ram	17A31A01A5	P.V.S. Satya Sai Ram
14	Saga Shyam Sai	17A31A01A8	S. Shyam Sai
15	Vallu Sivanadh	18A35A0127	V. Sivanadh
16	Ethakota Haripriya	16A31A0102	E. Haripriya
17	Vathada Sriveni	16A31A0110	V. Sriveni
18	Badam Manikanta	16A31A0114	B. Manikanta
19	Dooda Surya Vamsi	16A31A0118	D. Surya Vamsi
20	Gogula Viswanadh	16A31A0122	G. Viswanadh
21	Marapatla Avinash	16A31A0134	M. Avinash
22	Palaki Kiran Kumar	16A31A0144	P. Kiran Kumar
23	Kodi Avinash	17A35A0106	Avinash
24	Rejeti Paidraju	17A35A0113	R. Paidraju
25	Bonda Ravi Teju	16A31A0172	B. Ravi Teju

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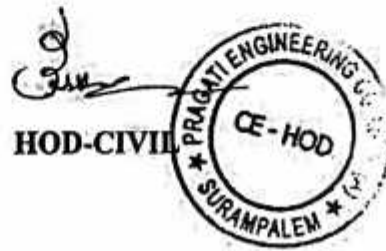
26	Nasa Gopichand	17A35A0120	Gopi Chand.
27	Kukkala Raju	17A35A0124	K. Raju
28	Kosuri Rajesh	15A35A0109	Rajesh
29	Rayudu Bhavya	16A35A0102	Bhavya
30	Shaik Aquib Babul	15A31A01A9	Shaik Aquib Babul
31	Besetti satya Sai	16A35A0118	B. Satya Sai

R. S. K. Supretha

Co-Ordinator

M.

Resource Person



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Department of Civil Engineering

ATTENDANCE REPORT for Water Treatment of Boilers

S.No	Roll Number	Classes Conducted	Classes Attended
1	17A31A0113	42	40
2	17A31A0122	42	42
3	17A31A0128	42	42
4	17A31A0137	42	41
5	17A31A0138	42	41
6	18A35A0103	42	40
7	18A35A0112	42	41
8	17A31A0177	42	42
9	17A31A0178	42	42
10	17A31A0185	42	42
11	17A31A0189	42	41
12	17A31A01A3	42	40
13	17A31A01A5	42	42
14	17A31A01A8	42	42
15	18A35A0127	42	42
16	16A31A0102	42	41
17	16A31A0110	42	40
18	16A31A0114	42	40
19	16A31A0118	42	42
20	16A31A0122	42	42
21	16A31A0134	42	42
22	16A31A0144	42	42

[Signature]

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23	17A35A0106	42	40
24	17A35A0113	42	42
25	16A31A0172	42	41
26	17A35A0120	42	41
27	17A35A0124	42	42
28	15A35A0109	42	42
29	16A35A0102	42	42
30	15A31A01A9	42	41
31	16A35A0118	42	42

R.S.K. Supretha

Co-Ordinator

M.

Resource Person



✱

R.

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Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 5/2/19		Dt: 6/2/19		Dt: 7/2/19		Dt: 8/2/19		Dt: 9/2/19		Dt: 11/2/19	
	1	2	3	4	5	6	7	8	9	10	11	12
17A31A0113	A	A	P	P	P	P	P	P	P	P	P	P
17A31A0122	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
17A31A0137	P	A	P	P	P	P	P	P	P	P	P	P
17A31A0138	P	P	A	P	P	P	P	P	P	P	P	P
18A35A0103	P	P	P	P	P	P	A	A	P	P	P	P
18A35A0112	P	A	P	P	P	P	P	P	P	P	P	P
17A31A0177	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0178	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0185	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0189	P	P	P	P	P	P	P	P	P	P	P	A
17A31A01A3	P	P	P	P	A	A	P	P	P	P	P	P
17A31A01A5	P	P	P	P	P	P	P	P	P	P	P	P
17A31A01A8	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
16A31A0102	A	A	P	P	P	P	P	P	P	P	P	P
16A31A0110	P	P	P	P	P	P	A	A	P	P	P	P
16A31A0114	P	P	P	P	P	P	P	P	A	A	P	P
16A31A0118	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0134	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0144	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0106	P	P	P	P	P	P	P	P	P	P	A	A
17A35A0113	P	P	P	P	P	P	P	P	P	P	P	P

(Signature)

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16A31A0172	P	A	P	P	P	P	P	P	P	P	P	P
17A35A0120	A	P	P	P	P	P	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0109	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0102	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A9	P	P	A	P	P	P	P	P	P	P	P	P
16A35A0118	P	P	P	P	P	P	P	P	P	P	P	P

R.S.K. Supretha
Co-Ordinator

M.
Resource Person



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Department of CIVIL Engineering

Attendance Sheets

Roll No.	Dt: 12/2/19		Dt: 13/2/19		Dt: 14/2/19		Dt: 15/2/19		Dt: 16/2/19		Dt: 18/2/19	
	13	14	15	16	17	18	19	20	21	22	23	24
17A31A0113	P	P	P	P	P	P	P	P	P	P	A	A
17A31A0122	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
17A31A0137	P	P	P	P	A	P	P	P	P	P	P	P
17A31A0138	P	P	P	P	P	P	A	P	P	P	P	P
18A35A0103	P	P	P	P	P	P	P	P	A	A	P	P
18A35A0112	P	P	P	P	A	P	P	P	P	P	P	P
17A31A0177	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0178	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0185	P	P	P	P	P	P	P	P	P	P	P	P
17A31A0189	P	P	P	P	P	P	P	A	P	P	P	P
17A31A01A3	P	P	P	P	P	P	P	P	A	A	P	P
17A31A01A5	P	P	P	P	P	P	P	P	P	P	P	P
17A31A01A8	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
16A31A0102	P	P	P	P	P	P	P	A	P	P	P	P
16A31A0110	P	P	P	P	A	A	P	P	P	P	P	P
16A31A0114	P	P	P	P	P	P	A	A	P	P	P	P
16A31A0118	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0134	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0144	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0106	P	P	P	P	P	P	P	P	A	A	P	P
17A35A0113	P	P	P	P	P	P	P	P	P	P	P	P

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17A35A0120	P	P.	A	P.	P	P.	P	P	P	P	P	P
17A35A0124	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0109	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0102	P	P	P	P	P	P	P	P	P	P	P	P.
15A31A01A9	P	P	P	A	P	P	P	P	P	P.	P	P.
16A35A0118	P	P	P	P	P	P	P	P	P	P	P	P.

R.S.K. Supretha

Co-Ordinator

M

Resource Person



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R

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Department of Civil Engineering

Attendance Sheets Water Treatment of Boilers

Roll No.	Dt: 26/2/19		Dt: 27/2/19		Dt: 28/2/19		Dt:		Dt:		Dt:	
	37	38	39	40	41	42						
17A31A0113	P	P	P	P	P	P						
17A31A0122	P	P	P	P	P	P						
17A31A0128	P	P	P	P	P	P						
17A31A0137	P	P	P	P	P	P						
17A31A0138	P	P	P	P	P	P						
18A35A0103	P	P	P	P	P	P						
18A35A0112	P	P	P	P	P	P						
17A31A0177	P	P	P	P	P	P						
17A31A0178	P	P	P	P	P	P						
17A31A0185	P	P	P	P	P	P						
17A31A0189	P	P	P	P	P	P						
17A31A01A3	P	P	P	P	P	P						
17A31A01A5	P	P	P	P	P	P						
17A31A01A8	P	P	P	P	P	P						
18A35A0127	P	P	P	P	P	P						
16A31A0102	P	P	P	P	P	P						
16A31A0110	P	P	P	P	P	P						
16A31A0114	P	P	P	P	P	P						
16A31A0118	P	P	P	P	P	P						
16A31A0122	P	P	P	P	P	P						
16A31A0134	P	P	P	P	P	P						
16A31A0144	P	P	P	P	P	P						
17A35A0106	P	P	P	P	P	P						
17A35A0113	P	P	P	P	P	P						

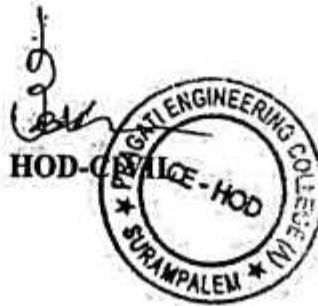
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16A31A0172	P	P	P	P	P	P							
17A35A0120	P	P	P	P	P	P							
17A35A0124	P	P	P	P	P	P							
15A35A0109	P	P	P	P	P	P							
16A35A0102	P	P	P	P	P	P							
15A31A01A9	P	P	P	P	P	P							
16A35A0118	P	P	P	P	P	P							

R.S.K. Supretha
Co-Ordinator


Resource Person




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Department of CIVIL Engineering

FEEDBACK FORM

Date: 28/2/2019

DEPARTMENT : Civil
ACADEMIC YEAR : 2018-2019
NAME OF THE SPEAKER : M. Sri Lakshmi
TITLE OF TRAINING PROGRAM : Water Treatment of Boilers

DATE/VENUE : CS-2
5/2/2019

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 : -

P.V.S. *Satish*
Signature/ Name of the Student
(Optional)

[Signature]
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Department of CIVIL Engineering

FEEDBACK FORM

Date: 28/2/2019

DEPARTMENT

: Civil

ACADEMIC YEAR

: 2018-2019

NAME OF THE SPEAKER

: M. Sri Lakshmi

TITLE OF TRAINING PROGRAM

: Water Treatment of Boilers

DATE/VENUE

: CS-2

5/2/2019

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

: -

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 28/2/2019

DEPARTMENT : Civil
ACADEMIC YEAR : 2018 - 2019
NAME OF THE SPEAKER : M. Sri lakshmi
TITLE OF TRAINING PROGRAM : water Treatment of Boilers
DATE/VENUE : CS-2
5/2/2019

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 : 3
4. Is the topic useful for career : 4
5. Suggestion if any : -

Sri Varun
Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 28/2/2019

DEPARTMENT : Civil
ACADEMIC YEAR : 2018 - 2019
NAME OF THE SPEAKER : M. Sri Lakshmi
TITLE OF TRAINING PROGRAM : Water Treatment of Boilers

DATE/VENUE : CS - 2
5/2/2019

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 : 3
4. Is the topic useful for career : 4
5. Suggestion if any : -

Avinash

Signature/ Name of the Student
(Optional)

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Department of CIVIL Engineering FEEDBACK FORM

Date: 28-2-2019

DEPARTMENT : Civil

ACADEMIC YEAR : 2018 - 2019

NAME OF THE SPEAKER : M. Sri Lakshmi

TITLE OF TRAINING PROGRAM : water treatment of boilers

DATE/VENUE : CS-2
5/2/2019

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 : 3
4. Is the topic useful for career : 4
5. Suggestion if any : -

Sri. le Kha
Signature/ Name of the Student
(Optional)


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This certificate is presented to:

B SATYA SAI

For participating in the Workshop of "Water
Treatment Boilers" on 05/02/2019

FACULTY INCHARGE

Supretha

CE - HOD

Principal
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COLLEGE (AUTONOMOUS),
SURAMPALEM, ANDHRA PRADESH
PARTICIPATION CERTIFICATE
DEPARTMENT OF CIVIL ENGINEERING*

This certificate is presented to:

SHAIK AQUIB BABUL

For participating in the Workshop of "Water
Treatment Boilers" on 05/02/2019

FACULTY INCHARGE

Supretha

CE - HOD

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INTEGRATED WASTE MANAGEMENT FOR A SMART CITY

PROF. BRAJESH KUMAR DUBEY

Department of Civil Engineering
IIT Kharagpur

INTENDED AUDIENCE : The course will be beneficial for B.Tech/M.Tech/B.Sc/M.Sc/Research Scholars/ Faculty members from different institutions. In addition, we will strongly encourage engineers/professionals working in any area related to waste management should consider taking advantage from this unique application orientated course. Regulators (SPCB, CPCB and MOEF professionals) and policy makers will also benefit from this course.

PRE-REQUISITES : Environmental Sciences, Introduction to Environmental Engineering

INDUSTRIES APPLICABLE TO : Larsen and Tourbo, Tata Group of Industries, Ramky Group of Industries, IF&LS Environment

COURSE OUTLINE :

This course has emphasises on Integrated Solid Waste Management aspects within the broad subject area of Integrated Waste Management for a Smart City. The issues of Municipal Solid Waste (MSW) management, Construction and Demolition (C&D) Waste and Electronic Waste Management will be covered in this course. The topics will include: generation rates and waste composition; Integrated waste management issues, collection, recovery, reuse, recycling, energy-from-waste, and landfilling; Biological treatment of the organic waste fraction - direct and application, composting, and anaerobic digestion. The environmental impact of waste management and its relationship on the big picture sustainable development and smart city development will be discussed. A major focus of this course will be the role of MSW management within the various initiatives of the Govt. of India including: Swachh Bharat Mission, Smart Cities as well as Make in India. The challenges of waste management for smart cities will also be discussed taking case studies from the first list of 20 smart cities identified in the first phase for this program. This will be followed by overview of the Construction and Demolition (C&D) Waste and Electronic Waste (E-Waste) management issues in India in general and for the smart cities in particular. The new rules with respect of C&D Waste and E-Waste Management will be covered. The challenges of managing these waste streams effectively will be discussed.

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 01 :** Introduction to Solid Waste Management
- Week 02 :** Municipal Solid Waste Characteristics and Quantities
- Week 03 :** MSW Rules 2016, Swachh Bharat Mission and Smart Cities Program
- Week 04 :** Municipal Solid Waste Collection, Transportation, Segregation and Processing
- Week 05 :** Disposal of Municipal Solid Waste
- Week 06 :** Biochemical Processes and Composting

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- Week 07 :** Energy Recovery from Municipal Solid Waste
- Week 08 :** Current Issues in Solid Waste Management and Review of MSW Management Status in First List of 20 Smart Cities in the Country
- Week 09 :** Construction and Demolition (C&D) Waste Management - Overview
- Week 10 :** C&D Waste – Regulation, Beneficial Reuse of C&D Waste Materials
- Week 11 :** Electronic Waste (E-Waste) Management – Issues and Status in India and Globally
- Week 12 :** E-Waste Management Rules 2016 and Management Challenges

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

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

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

Ph. 08533 - 252233, 34 Website: www.pragati.ac.in

DEPARTMENT OF CIVIL ENGINEERING

List of Registered Students

Name of The Program : Integrated Waste Management for a Smart City

Academic Year : 2018 - 2019

S.No	Roll.No	Name of the Student	Dept	Duration	Certified (Yes/No)
1	16A31A0101	BOGAVALLI SUJITHA	Civil	July - Oct 2018	Yes
2	16A31A0102	ETHAKOTA HARIPRIYA	Civil	July - Oct 2018	Yes
3	16A31A0104	KODURI SUBHASRI	Civil	July - Oct 2018	Yes
4	16A31A0105	RAVI PRIYA NIDASANAMETLA	Civil	July - Oct 2018	Yes
5	16A31A0106	SUNKARA SATYA SRIDEVI	Civil	July - Oct 2018	Yes
6	16A31A0109	V. SRIVENI	Civil	July - Oct 2018	Yes
7	16A31A0111	A SIVA RAMA KRISHNA	Civil	July - Oct 2018	Yes
8	16A31A0112	A PRABHA LINGAM	Civil	July - Oct 2018	Yes
9	16A31A0113	BURUGUPUDI SURESH	Civil	July - Oct 2018	Yes
10	16A31A0114	B MANIKANTA	Civil	July - Oct 2018	Yes
11	16A31A0118	B MANIKANTA	Civil	July - Oct 2018	Yes
12	16A31A0121	SURYA VAMSI	Civil	July - Oct 2018	Yes
13	16A31A0122	GODE RAVI SAI KUMAR	Civil	July - Oct 2018	Yes
14	16A31A0124	VISWANADH	Civil	July - Oct 2018	Yes
15	16A31A0125	KADIYALA.IJAK	Civil	July - Oct 2018	Yes
16	16A31A0126	K.VISWESWARARAO	Civil	July - Oct 2018	Yes
17	16A31A0127	KANCHERLA RAM SAI PAVAN KUMAR	Civil	July - Oct 2018	Yes
18	16A31A0128	KANDULA V V V RAGHU RAM	Civil	July - Oct 2018	Yes
19	16A31A0130	GANESH	Civil	July - Oct 2018	Yes
20	16A31A0131	K.M.S.D. SUBASH	Civil	July - Oct 2018	Yes
21	16A31A0132	RAGHU VEER	Civil	July - Oct 2018	Yes
22	16A31A0133	K.V.S.S.SASIDHAR	Civil	July - Oct 2018	Yes
23	16A31A0134	MALLIPUDI SUNAND SWAROOP	Civil	July - Oct 2018	Yes
24	16A31A0135	MARAPATLA AVINASH	Civil	July - Oct 2018	Yes
25	16A31A0136	MOHAMMED YASEEN	Civil	July - Oct 2018	Yes

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

62	17A31A0184	D NARASIMHA NIKHIL KUMAR	Civil	July – Oct 2021	Yes
63	17A31A0185	DOOLLA PRUTHVIRAJ	Civil	July – Oct 2021	Yes
64	17A31A0186	GANAPARTHI VENKATA RAO	Civil	July – Oct 2021	Yes
65	17A31A0187	GARJI VEERA VENKATA SIDDI MANIKANTA RAHUL	Civil	July – Oct 2021	Yes
66	17A31A0188	GULLAPUDI SAI PHANI AASIK	Civil	July – Oct 2021	Yes
67	17A31A0189	J RAJKUMAR	Civil	July – Oct 2021	Yes
68	17A31A0190	K N V R SURYA KIRAN	Civil	July – Oct 2021	Yes
69	17A31A0192	KATTAMURI AVINASH	Civil	July – Oct 2021	Yes
70	17A31A0194	MUNDRU SATYA HARI PRASAD	Civil	July – Oct 2021	Yes
71	17A31A0196	M LOKESH KUMAR	Civil	July – Oct 2021	Yes
72	17A31A0198	NAKKA SWAMY	Civil	July – Oct 2021	Yes
73	17A31A0199	NALAM VENKATA RAMANA	Civil	July – Oct 2021	Yes
74	17A31A01A0	NAMMI SAIKIRAN	Civil	July – Oct 2021	Yes
75	17A31A01A1	N SURYATEJA	Civil	July – Oct 2021	Yes
76	17A31A01A2	SAI VEERA BHADRA RAO	Civil	July – Oct 2021	Yes
77	17A31A01A3	PANTHAGADA DILEEP	Civil	July – Oct 2021	Yes
78	17A31A01A5	P V S SAI RAM	Civil	July – Oct 2021	Yes
79	17A31A01A6	PRABHALA SUBRAHMANYA AKHIL	Civil	July – Oct 2021	Yes
80	17A31A01A7	HARI PAVAN REDDY	Civil	July – Oct 2021	Yes
81	17A31A01B0	SHAIK SUBHAN	Civil	July – Oct 2021	Yes
82	17A31A01B3	T SAI VENKATA SIVA RAM	Civil	July – Oct 2021	Yes
83	18A35A0101	GANDHAM PRASANNA	Civil	July – Oct 2021	Yes
84	18A35A0102	NAGABATHULA SPOORTHY	Civil	July – Oct 2021	Yes
85	18A35A0103	BETHINA SATEESH	Civil	July – Oct 2021	Yes
86	18A35A0105	DESALANKA DURGA MANIKANTA	Civil	July – Oct 2021	Yes
87	18A35A0106	DWARAPUDI RAJESH	Civil	July – Oct 2021	Yes
88	18A35A0108	G SAI KRISHNA	Civil	July – Oct 2021	Yes
89	18A35A0109	SAITEJA JAGU	Civil	July – Oct 2021	Yes
90	18A35A0110	KAKARAPALLI MAHESWARA RAO	Civil	July – Oct 2021	Yes
91	18A35A0112	KATTAMURU CHANDU	Civil	July – Oct 2021	Yes
92	18A35A0113	NADIPALLI VEERA VENKATA SATYA RAMKUMAR	Civil	July – Oct 2021	Yes
93	18A35A0114	SHEIK KHAJA ALI	Civil	July – Oct 2021	Yes



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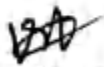
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(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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

Working as Supreme Body

94	18A35A0115	GANDHAM SWATHI	Civil	July - Oct 2021	Yes
95	18A35A0116	GURRALA SONALI	Civil	July - Oct 2021	Yes
96	18A35A0117	THEEGIREDDY SOWJANYA	Civil	July - Oct 2021	Yes
97	18A35A0118	GEDELA TEJESWARA RAO	Civil	July - Oct 2021	Yes
98	18A35A0119	GOLLAVILLI VEERA BRAHMAM	Civil	July - Oct 2021	Yes
99	16A31A0183	GANGI VEERA VENKATA DURGA PRASAD	Civil	July - Oct 2021	No
100	16A31A01A5	SURLA LAVARAJU	Civil	July - Oct 2021	No
101	17A31A0123	BASAVA SIVA GANESH	Civil	July - Oct 2021	No
102	17A31A0129	GANJI SUBHASH	Civil	July - Oct 2021	No
103	17A31A0135	K UDAY KIRAN	Civil	July - Oct 2021	No
104	17A31A0137	K SIVA	Civil	July - Oct 2021	No
105	17A31A0139	MADIMETLA PAVAN CHANDRA	Civil	July - Oct 2021	No
106	17A31A0142	N GANAPATHI RAMJI SAGAR	Civil	July - Oct 2021	No
107	17A31A0173	ANJALI UPPALAPATI	Civil	July - Oct 2021	No
108	17A31A0178	B MAHESH BABU	Civil	July - Oct 2021	No
109	17A31A0181	CHITTIPROLU NAGARAMESH	Civil	July - Oct 2021	No
110	17A31A0191	SAI BHASKAR KASINA	Civil	July - Oct 2021	No
111	17A31A0197	NAGAM MANIKANTA	Civil	July - Oct 2021	No
112	17A31A01B2	SRIKAKOLAPU SATYA SAI VENKATA RAYULU	Civil	July - Oct 2021	No
113	18A35A0104	CHEEPURUPALLI NARASIMHA MURTHY	Civil	July - Oct 2021	No
114	18A35A0107	GANDEPALLI GANESH	Civil	July - Oct 2021	No
115	18A35A0111	KANCHEM PREMSAGAR	Civil	July - Oct 2021	No
116	18A35A0121	KUNDURU SUMANTH	Civil	July - Oct 2021	No
117	18A35A0124	SAVARAM ANIL KUMAR	Civil	July - Oct 2021	No


Coordinator


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Roll No: NPTEL21CE46S44410316

To
B GIRI PHANEENDRA
2-16, BOBBAVARI STREET, CHILAKAPADU
UNDRAJAVARAM MANDAL
TANUKU
ANDHRAPRADESH - 534216
PH. NO :6281373313



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

B GIRI PHANEENDRA


for successfully completing the course

Integrated Waste Management for a Smart City

with a consolidated score of **53** %

Online Assignments	21.91/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: 670


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

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Roll No: NPTEL21CE46S44410472

To
M S D V BHARGAVI
12-1-75/1
THIMMARAJU STREET
PITHAPURAM
ANDHRA PRADESH - 533450
PH. NO :9581295633



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

M S D V BHARGAVI

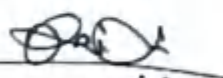
for successfully completing the course

Integrated Waste Management for a Smart City

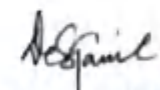
with a consolidated score of **64** %

Online Assignments	21.16/25	Proctored Exam	42.75/75
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Total number of candidates certified in this course: 670


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur


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STRENGTH OF MATERIALS - IITKGP

PROF. SRIMAN KUMAR BHATTACHARYYA

Department of Civil Engineering

IIT Kharagpur

INTENDED AUDIENCE :

- * Civil Engineering
- * Mechanical Engineering
- * Aerospace Engineering
- * Applied Mechanics

PRE-REQUISITES : Basic Engineering applications

INDUSTRY SUPPORT : All manufacturing Industries, Construction sector, Structural design organisations

COURSE OUTLINE :

Strength of Materials is a fundamental subject needed primarily for the students of Mechanical sciences. As the engineering design of different components, structures etc. used in practice are done using different kinds of materials, it is essential to understand the basic behavior of such materials. The objective of the present course is to make the students acquainted with the concept of load resultant, consequences and how different kinds of loadings can be withstood by different kinds of members with some specific materials. NPTEL lecture series on Strength of Materials are prepared, explaining the fundamentals in a simple and lucid manner so that the students can grasp the basics of the application of loading system and its consequence in a deformable body.

ABOUT INSTRUCTOR :

Prof. Bhattacharyya is the Vice Chancellor of Shiv Nadar University, Chennai and Professor and former Head of Civil Engineering at IIT Kharagpur. He has served as a Professor of Civil Engineering at IIT Kharagpur over a period of three decades. He is also the Former Director of CSIR-Central Building Research Institute (CBRI). Prof. Bhattacharyya's research area includes sustainable building materials, fluid-structure interaction, structural health monitoring, FRP-concrete composite system, structural restoration, numerical modelling, and structural fire engineering. He has published over 250 technical papers in several international and national journals, book chapters, proceedings of international and national conferences, seminars, and workshops. He has developed web-based and video-based NPTEL courses titled 'Finite element method in Engineering' and 'Strength of Materials', which are currently running. He is a Fellow of Indian Academy of Engineering, Indian Association of Structural Engineering, and the Institution of Engineers (India). Prof. Bhattacharyya has several patents based on his research and has received many prestigious awards including 'Distinguished Alumnus Award' by IEST (BESU Shibpur), 'Concrete Technologist of the year' by Indian Concrete Institute, and 'Telkom Best Lecturer Award' for the best teacher in Civil Engineering at the University of Durban-Westville, South Africa.

COURSE PLAN :

Week 01 : Analysis of stresses

Week 02 : Analysis of strain

Week 03 : Stress-strain relations

Week 04 : Uniaxial loading

Week 05 : Torsion

Week 06 : Bending of Beams - 1

Week 07 : Bending of Beams - 2,


Week 08 : Deflection of Beams - 1

Deflection of Beams - 2

Combined stresses

Stability of columns

Spring


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DEPARTMENT OF CIVIL ENGINEERING

List of Registered Students

Name of The Program : Strength of Materials

Academic Year : 2018 - 2019

S.No	Roll.No	Name of the Student	Dept	Duration	Certified (Yes/No)
1	17A31A0124	BEERA MANOJKUMAR	Civil	July - Oct 2018	Yes
2	17A31A0158	ADABALA VENNELA	Civil	July - Oct 2018	Yes
3	17A31A0164	M SRI LAKSHMI	Civil	July - Oct 2018	Yes
4	17A31A0170	R. S. MANASI	Civil	July - Oct 2018	Yes
5	17A31A0196	M H LOKESH KUMAR	Civil	July - Oct 2018	Yes

Coordinator

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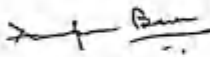
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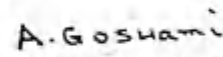
This certificate is awarded to
J RAJKUMAR
for successfully completing the course
Strength of Materials
with a consolidated score of **45 %**

Online Assignments	19.00/25	Proctored Exam	26.25/75
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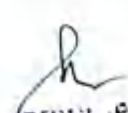
Total number of candidates certified in this course: 684


Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)


Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur


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Elite

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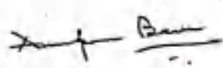
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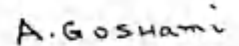
This certificate is awarded to
MANTHENA SRI LAKSHMI
for successfully completing the course
Strength of Materials
with a consolidated score of **61 %**

Online Assignments	18.56/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 684


Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



To validate and check scores: <http://nptel.ac.in>


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DESIGN OF PHOTOVOLTAIC SYSTEMS

L UMANAND

Department of Electrical and Electronic Engineering
IISc Bangalore

PRE-REQUISITES : Electric Circuits

INTENDED AUDIENCE : BE ME

COURSE OUTLINE :

This course is a design oriented course aimed at photovoltaic system design. The course begins by discussing about the PV cell electrical characteristics and interconnections. Estimation of insolation and PV sizing is addressed in some detail. Maximum power point tracking and circuits related to it are discussed. Later, applications related to peltier refrigeration, water pumping, grid connection and micro grids are discussed in detail. Lastly a brief discussion on life cycle costing is also discussed in order to bring in a measure of completeness to the course.

ABOUT INSTRUCTOR :

Prof. L. Umanand is a faculty at the Department of Electronics System Engineering of Indian Institute of Science, Bangalore. He has been teaching, guiding and consulting in power electronic converters for more than two decades. His area of research are in power conversion, renewable energy systems and modelling.

COURSE PLAN :

WEEK-01 - THE PV CELL

WEEK-02 - SERIES AND PARALLEL INTERCONNECTION

WEEK-03 - ENERGY FROM SUN

WEEK-04 - INCIDENT ENERGY ESTIMATION

WEEK-05 - SIZING PV

WEEK-06 - MAXIMUM POWER POINT TRACKING

WEEK-07 - MPPT ALGORITHMS

WEEK-08 - PV-BATTERY INTERFACES

WEEK-09 - PELTIER COOLING

WEEK-10 - PV AND WATER PUMPING

WEEK-11 - PV-GRID INTERFACE-I

WEEK-12 - PV-GRID INTERFACE-II and LIFE CYCLE COSTING



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

List of Registered Students

Name of the Program: Design of photovoltaic systems

A.Y: 2018-19

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1.	16A31A0201	Pulugu Nancy Rachel	EEE	July to October 2018	Yes
2.	16A31A0202	Yeleti Yogitha Chowdary	EEE	July to October 2018	Yes
3.	16A31A0204	Appanapalli Sai Jyothi	EEE	July to October 2018	Yes
4.	16A31A0205	Bathula Roopasri	EEE	July to October 2018	Yes
5.	16A31A0206	Bheemana Sridevi	EEE	July to October 2018	Yes
6.	16A31A0207	Jagadeeswaribolli	EEE	July to October 2018	Yes
7.	16A31A0208	Anusha Charapu	EEE	July to October 2018	Yes
8.	16A31A0209	Cheekatla Sree Laxmi	EEE	July to October 2018	Yes
9.	16A31A0210	Monisa Dangeti	EEE	July to October 2018	Yes
10.	16A31A0211	Sophia Devunuri	EEE	July to October 2018	Yes
11.	16A31A0212	Gampala Sandhya Rani	EEE	July to October 2018	Yes
12.	16A31A0213	Indraganti Jahnvi Rishika	EEE	July to October 2018	Yes
13.	16A31A0214	Preethi Mediseti	EEE	July to October 2018	Yes
14.	16A31A0215	Chandrika Palavalasa	EEE	July to October 2018	Yes
15.	16A31A0216	Adabala Venkata Tarun Kumar	EEE	July to October 2018	No
16.	16A31A0217	Adapa Vinil Saimanikanta	EEE	July to October 2018	Yes
17.	16A31A0218	Allu Sai Venkata Sri	EEE	July to October 2018	Yes
18.	16A31A0219	Bandana Sankar	EEE	July to October 2018	Yes
19.	16A31A0220	Barla Vinayaka Durga Prasad	EEE	July to October 2018	Yes
20.	16A31A0221	B.Vijay Kumar	EEE	July to October 2018	Yes
21.	16A31A0222	B Satya Satwik	EEE	July to October 2018	Yes
22.	16A31A0223	Bollam Siva Kumar	EEE	July to October 2018	Yes



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Learning is a continuous process

23.	16A31A0225	Gowthamsai Gadde	EEE	July to October 2018	Yes
24.	16A31A0226	Gopi Maneswararao	EEE	July to October 2018	Yes
25.	16A31A0227	Gunda Prakasam	EEE	July to October 2018	Yes
26.	16A31A0228	G.Kishore	EEE	July to October 2018	Yes
27.	16A31A0230	Joda Yaswanth Kumar	EEE	July to October 2018	Yes
28.	16A31A0231	Kanuri Ramakrishna	EEE	July to October 2018	Yes
29.	16A31A0232	Naveen	EEE	July to October 2018	Yes
30.	16A31A0233	Kotha Santosh	EEE	July to October 2018	Yes
31.	16A31A0238	Mohammed Aswer Mohiddin	EEE	July to October 2018	Yes
32.	16A31A0240	Nagadamudi Sai Surya	EEE	July to October 2018	Yes
33.	16A31A0241	Nama Anilkumar	EEE	July to October 2018	Yes
34.	16A31A0243	Nukathattu Vinod	EEE	July to October 2018	Yes
35.	16A31A0244	Pappula Chandra Naga Prasad	EEE	July to October 2018	Yes
36.	16A31A0249	Shaik Azeem	EEE	July to October 2018	Yes
37.	16A31A0250	Surampudi Hari Krishna	EEE	July to October 2018	Yes
38.	16A31A0251	Sripavan Talari	EEE	July to October 2018	Yes
39.	16A31A0252	Vasamsetti Gopala Krishna	EEE	July to October 2018	Yes
40.	16A31A0253	Vemagiri.Dilip Kumar	EEE	July to October 2018	Yes
41.	16A31A0255	Y.Rushi Pavan	EEE	July to October 2018	Yes
42.	16A31A0256	Pujitha Sumitra Sindhu Ayyagari	EEE	July to October 2018	Yes
43.	16A31A0259	Kapaganti Ratna Harika	EEE	July to October 2018	Yes
44.	16A31A0260	Kotana. Durga Bhavani	EEE	July to October 2018	Yes
45.	16A31A0261	Mulaparthi.Haritha	EEE	July to October 2018	Yes
46.	16A31A0262	M.Vijaya Durga	EEE	July to October 2018	Yes
47.	16A31A0264	Padala Vennela	EEE	July to October 2018	Yes
48.	16A31A0265	P Dhana Lakshmi	EEE	July to October 2018	Yes
49.	16A31A0266	P.Amulya	EEE	July to October 2018	Yes
50.	16A31A0267	Pyla Mounika Priya	EEE	July to October 2018	Yes
51.	16A31A0268	Surekha Raju	EEE	July to October 2018	Yes

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPATEM
Near Peddapuram, E.G.Dt. (AP)-523 437



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADD Road, Surampalem, E.G.Dt. (AP) - 511412

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(Recognized by UGC, Under Sections 10D and 17 (B) of UGC Act, 1956)

Ph: 98857 - 152733, 34 Website: www.pragati.ac.in

52.	16A31A0269	Vasamsetti Supraja	EEE	July to October 2018	Yes
53.	16A31A0270	V.Sai Durga	EEE	July to October 2018	Yes
54.	16A31A0271	Yeliseti Ramya Vanaja	EEE	July to October 2018	Yes
55.	16A31A0277	B. Satya Trimurtulu	EEE	July to October 2018	Yes
56.	16A31A0279	Buradakavi Satya Sai Praveen	EEE	July to October 2018	Yes
57.	16A31A0282	Ch.Sai Praveen	EEE	July to October 2018	Yes
58.	16A31A0284	Garaga Mangapathi Raju	EEE	July to October 2018	Yes
59.	16A31A0285	Garimella Venkata Surya Bharat	EEE	July to October 2018	Yes
60.	16A31A0287	Gunnapaneni Srinivas	EEE	July to October 2018	Yes
61.	16A31A0291	K Sai Rakesh	EEE	July to October 2018	Yes
62.	16A31A0292	Kuriseti Vijaya Ramaraju	EEE	July to October 2018	No
63.	16A31A0293	Majji Ram Praveen	EEE	July to October 2018	No
64.	16A31A0295	M.S.S.S.Vasanth Yadav	EEE	July to October 2018	Yes
65.	16A31A0296	M.Venkata Balaji	EEE	July to October 2018	Yes
66.	16A31A0297	Mutyala Kartik	EEE	July to October 2018	Yes
67.	16A31A0298	Ram Kumar	EEE	July to October 2018	Yes
68.	16A31A0299	Vishnu Chakra Datta	EEE	July to October 2018	Yes
69.	16A31A02A2	P.Sri Raghavendra	EEE	July to October 2018	Yes
70.	16A31A02A5	S Siva Ram	EEE	July to October 2018	Yes
71.	16A31A02A7	Surarapu Balaji	EEE	July to October 2018	Yes
72.	16A31A02A8	T.Ch.Bhanu Tej	EEE	July to October 2018	Yes
73.	16A31A02A9	Voleti Nani	EEE	July to October 2018	Yes
74.	16A31A02B0	Yelaka Sri Sesha Sai	EEE	July to October 2018	Yes
75.	17A35A0202	P Sri Chandralekha	EEE	July to October 2018	Yes
76.	17A35A0203	Sidigam Jnana Lakshmi Naga Sai Keerthana	EEE	July to October 2018	Yes
77.	17A35A0204	Adireddi Krishna Chaitanya	EEE	July to October 2018	Yes
78.	17A35A0206	Erugula Prasanth	EEE	July to October 2018	Yes
79.	17A35A0209	Mallula Harish	EEE	July to October 2018	Yes
80.	17A35A0213	Reddi	EEE	July to October 2018	Yes

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

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

81.	17A35A0216	Yella Sandeep	EEE	July to October 2018	Yes
82.	17A35A0218	Venkatesh Adapa	EEE	July to October 2018	Yes
83.	17A35A0220	Chakra Mahesh Babu	EEE	July to October 2018	Yes
84.	17A35A0224	Madakam Ajaydora	EEE	July to October 2018	Yes
85.	17A35A0225	Pendem Ram Prasad	EEE	July to October 2018	Yes
86.	17A35A0226	Pitta L N Durga Bala Chandra Lokesh Kumar	EEE	July to October 2018	Yes
87.	17A35A0231	Surla Ramu	EEE	July to October 2018	Yes
88.	17A35A0232	T.Veerababu	EEE	July to October 2018	Yes
89.	17A35A0233	Vujjina Bhanu Venkatesh	EEE	July to October 2018	Yes
90.	17A35A0228	Puppala Ramesh Paul	EEE	July to October 2018	No


Coordinator


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Roll No:NPTEL18EE35S11890006

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

207/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

RAM KUMAR

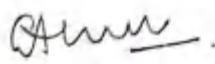
for successfully completing the course

Design of Photovoltaic Systems

with a consolidated score of **73 %**

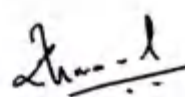
Online Assignments	25.00/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **935**


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

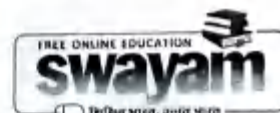
Jul-Oct 2018
(12 week course)

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


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore # 1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, E.G.Dt. (AP)-533 437



Roll No: NPTEL18EE35S11890006

To validate and check scores: <http://nptel.ac.in/noc>



Roll No:NPTEL18EE35S11890010

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

208/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

P SRI CHANDRALEKHA

for successfully completing the course

Design of Photovoltaic Systems

with a consolidated score of **49 %**

Online Assignments	24.69/25	Proctored Exam	24/75
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Total number of candidates certified in this course: 935

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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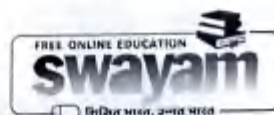
1-378, ADB ROAD, SURAMPALEM

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

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE35S11890010

To validate and check scores: <http://nptel.ac.in/noc>



INTRODUCTION TO SMART GRID

PROF. N.P. PADHY

Department of Electrical Engineering
IIT Roorkee

PROF. PREMALATA JENA

Department of Electrical Engineering
IIT Roorkee

INTENDED AUDIENCE : UG/PG/PhD students, Industries and academic professionals

PRE-REQUISITES : Basic Understanding of Power System and Power Electronics Engineering

INDUSTRY SUPPORT : State Power Transmission and Distribution companies, DISCOMs, TRANSCO, POWER GRID Private sector: ABB, Schneider, Siemens, etc.

COURSE OUTLINE :

This course mainly focuses on background and fundamental building blocks of smart grid with stringent emphasis on practical applications in the existing power system network. This course provides overview of smart grid and its potential in different types of power sectors such as power generation, transmission and distribution in Metro, Urban/Semi urban and remote locations of India. This also emphasizes on renewable energy source integration in present grids as well as in micro and nano grids as part of the course and explores its issues in operation, analysis, management, control, protection and monitoring. In addition to it, this further provides detailed utility level analysis in terms of energy management, network analysis and operation of renewable based smart grids.

ABOUT INSTRUCTOR :

Prof. Narayana Prasad Padhy is working as a Professor in the Department of Electrical Engineering and Dean of Academic Affairs, Indian Institute of Technology (IIT) Roorkee, Roorkee, India. He received the Ph.D. degree in power systems engineering from Anna University, Chennai, India, in the year 1997.

Prof. Premalata Jena is currently an Assistant Professor in the Department of Electrical Engineering, Indian Institute of Technology, Roorkee, India. She received Ph.D. degree in power system protection from the Indian Institute of Technology Kharagpur, Kharagpur, India, in 2011.

COURSE PLAN :

Week 01 : Introduction to Smart Grid I & II, Architecture of Smart Grid System, Standards for Smart Grid System Elements and Technologies of Smart Grid System

Week 02 : Elements and Technologies of Smart Grid System-II Distributed Generation Resources-I, II, III & IV

Week 03 : Wide Area Monitoring Systems-I & II, Phasor Estimation-I & II, Digital relays for Smart Grid Protection

Week 04 : Islanding Detection Techniques-I, II, III & IV, Smart Grid Protection-I

Week 05 : Smart Grid Protection-II & III, Modelling of Storage Devices, Modelling of DC Smart Grid components Operation and control of AC Microgrid-I

Week 06 : Operation and control of AC Microgrid-II, Operation and control of DC Microgrid-I & II, Operation and control of AC-DC hybrid Microgrid-I & II

Week 07 : Simulation and Case study of AC Microgrid, Simulation and Case study of DC Microgrid, Simulation and Case Study of AC-DC Hybrid Microgrid, Demand side management, of Smart Grid, Demand response analysis of Smart Grid

Week 08 : Energy Management, Design of Smart grid and Practical Smart Grid case study-I & II. System Analysis of AC/DC Smart Grid, Conclusions.

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List of Registered Students

Name of the Program: Introduction to Smart Grid

A.Y: 2018-19

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1.	16A31A0245	Peddada Sai Ganesh	EEE	August to September 2018	Yes
2.	16A31A0274	Akella Aditya Karthik	EEE	August to September 2018	Yes
3.	16A31A0275	A.Pardhasaradhi	EEE	August to September 2018	Yes
4.	16A31A0276	Atti.Ram Sai Charan	EEE	August to September 2018	Yes
5.	16A31A0289	Karipina Venkatadurgaprasad	EEE	July to October 2018	No
6.	16A31A0290	Kasilanka Durga Sri Sai Prasad	EEE	July to October 2018	No
7.	16A31A0298	Ram Kumar	EEE	August to September 2018	Yes
8.	17A35A0205	Bongu Surendra Rao	EEE	August to September 2018	Yes
9.	17A35A0211	Chinna Venkata Narasimha Murthy	EEE	August to September 2018	Yes
10.	17A35A0212	Pasupuleti Enosh Peter	EEE	August to September 2018	Yes
11.	17A35A0223	Kondapu Ravi Ganesh	EEE	August to September 2018	Yes
12.	17A35A0227	Suryabhaskar	EEE	August to September 2018	Yes
13.	17A35A0230	S.Lakshmunaidu	EEE	August to September 2018	Yes


Coordinator


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Roll No:NPTEL18EE42S21820115

To

PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

106/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

S.LAKSHMUNAIDU

for successfully completing the course

Introduction to Smart Grid

with a consolidated score of **45 %**

Online Assignments	15.17/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **771**

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

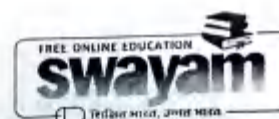
Aug-Sep 2018
(8 week course)

PRINCIPAL

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



Indian Institute of Technology Roorkee



Roll No: NPTEL18EE42S21820115

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE42S21820124

To

PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

107/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KONDAPU RAVI GANESH

for successfully completing the course

Introduction to Smart Grid

with a consolidated score of **48 %**

Online Assignments	17.79/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **771**

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018
(8 week course)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

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



Indian Institute of Technology Roorkee



Roll No: NPTEL18EE42S21820124

To validate and check scores: <http://nptel.ac.in/noc>



**HUMANITIES &
SOCIAL SCIENCES**

DEVELOPING SOFT SKILLS AND PERSONALITY



PROF. T. RAVICHANDRAN

Department of Humanities and Social Sciences
IIT Kanpur

TYPE OF COURSE : Rerun | Elective | UG/PG

COURSE DURATION : 8 weeks (27 Aug'18 - 19 Oct '18)

INTENDED AUDIENCE : B.E/B.Tech, M.E/M.Tech, M.S, B.Sc,
M.Sc, B.Com/M.Com, MBBS, Ph.D.

EXAM DATE : 28 Oct 2018

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 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.

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 Interview And Negotiation.
- Week 08** : Presentation Skills: Overcoming Fear, Becoming A Professional, The Role Of Visuals, Reading Skills: Effective Reading, Human Relations: Developing Trust And Integrity.

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

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. 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, exibility, friendliness and effective communication skills.

TOPICS COVERED

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.

NO.OF STUDENTS REGISTERED: 1

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	P V V SARAVANA KUMAR	16A31A0339

RESOURCE PERSON DETAILS

Prof. T. Ravichandran

Dr. 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.

PRAGATI ENGINEERING COLLEGE
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ADM ROAD, SURAMPALAM
E.G.D.R., A.P. - 513437

Roll No: 1GA3MA0339



Roll No: NPTEL18H530521990512

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

724/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
P V V SARAVANA KUMAR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **41 %**

Online Assignments	0.00/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 12219

T V Prabhakar
Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Oct 2018
(8 week course)

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

Prof. Satyaki Roy
Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18H530521990512

To validate and check scores: <http://nptel.ac.in/noc>



ENGINEERING THERMODYNAMICS



PROF. D.P. MISHRA

Department of Aerospace Engineering
IIT Kanpur

TYPE OF COURSE : Rerun | Core | UG
INTENDED AUDIENCE : B.E/B.Tech
PRE-REQUISITES : +2 Science

COURSE DURATION : 12 weeks (30 Jul'18 - 19 Oct'18)
EXAM DATE : 28 Oct 2018

COURSE OUTLINE :

This course is designed for undergraduate engineering students, interested in learning the fundamental aspects of engineering thermodynamics. The main emphasis is placed on precise and logical presentation of the basic concepts and principles, which are essential for the better understanding of engineering thermodynamics. Since this is an introductory course, care has been taken to present the materials in a gradual manner to instill confidence in the minds of the students. Attempts have been made to keep the derivation of fundamental equations and principles at an uncomplicated mathematical level. Several examples are provided during lectures for the student to assimilate and reinforce the ideas developed in this subject. Adequate emphasis is given in this course for exposing the students to realistic problems that are likely to be encountered in general engineering practices. Because the fundamentals of thermodynamics are used extensively while designing all most all engineering systems. The methodical rather than rigid problems solving techniques are enumerated in details to encourage the students to develop a feel for importance of thermodynamics.

ABOUT INSTRUCTOR :

Dr. D.P. Mishra, Professor in the Department of Aerospace Engineering, IIT Kanpur, India where he was instrumental in establishing a combustion laboratory. He currently holds the Indian Oil Golden Jubilee Professional Chair in IIT Kanpur. He was a Visiting Professor in 2002 at the Tokyo-Denki University, Japan. His areas of research interest include combustion, computational fluid dynamics, atomization, etc. He is the recipient of the Young Scientist Award in 1991 from the Ministry of New and Renewable Energy, Government of India. He was conferred the INSA-USPS Fellowship in 2002. In recognition of his research, Dr. Mishra received Sir Rajendranath Mookerjee Memorial Award from the Institution of Engineers (India). Dr. Mishra is a recipient of the Samanta Chadrasekhar Award for his contributions to science and technology. For technological contribution for the common people, he has been conferred with the Vikash Prerak Sanman in 2010.

COURSE PLAN :

- Week 01** : SI Unit, Definitions & Concepts
- Week 02** : Thermodynamic Properties of Fluids
- Week 03** : Simple compressible substance, Ideal gas Equation of State, van der Waals Equation of State; Law of corresponding states, Compressibility chart, Pressure-volume; Temperature-volume and Phase diagrams; Mollier diagram and Steam tables.
- Week 04** : First Law of Thermodynamics for Nonflow process
- Week 05** : First Law of Thermodynamics for flow process
- Week 06** : I Law Application to Chemically Reacting Systems
- Week 07** : II Law Application to Chemically Reacting Systems
- Week 08** : Applications of II Law of Thermodynamics
- Week 09** : Thermodynamic Potentials
- Week 10** : Power Cycles
- Week 11** : Gas Power Cycles
- Week 12** : Refrigeration Cycles

PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

50B Road, Saranpalem, P.O. - 751 017, INDIA

(Approved by U.P.T.E., Permanently Affiliated to IIT R. Kharagpur, Accredited by AICTE with A Grade)

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

Ph: 98852 252151, M: 98852 252151, Web: www.pragati.ac.in

Engineering Thermodynamics

COURSE OUTLINE

This course is designed for undergraduate engineering students, interested in learning the fundamental aspects of engineering thermodynamics. The main emphasis is placed on precise and logical presentation of the basic concepts and principles, which are essential for the better understanding of engineering thermodynamics

TOPICS COVERED

- Week 1: SI Unit, Definitions & Concepts; System, Property, Energy, Thermodynamic Equilibrium, Work interaction & various modes of work, Heat, State Postulate; Zeroth Law of Thermodynamics, Temperature Scale.
- Week 2: Thermodynamic Properties of Fluids; Pure substance, Phase of substances, Molecular models of matter, Phase change processes in pure substance, Graphical representation of phase change processes, Steam Tables
- Week 3: Simple compressible substance, Ideal gas Equation of State, van der Waals Equation of State; Law of corresponding states, Compressibility chart, Pressure-volume, Temperature-volume and Phase diagrams, Mollier diagram and Steam tables.
- Week 4: First Law of Thermodynamics for Nonflow process: Application of I Law for elementary processes, Law analysis of Non-flow processes; Use of steam tables & Mollier diagram
- Week 5: First Law of Thermodynamics for flow process: Application of I Law of Thermodynamics for Flow Process-Steady state, steady flow processes, Throttling process; Transient Flow Processes; Charging & discharging of tanks.
- Week 6: I Law Application to Chemically Reacting Systems: Fuels & Combustion, Theoretical Air-Fuel ratio, Standard heat of Reaction and effect of temperature on standard heat of reaction, Adiabatic flame temperature.
- Week 7: Limitations of the I Law of Thermodynamics, Heat Engine, Heat Pump, Refrigeration, II Law of Thermodynamics Kelvin Planck and Clausius statements their equivalence, Reversible irreversible processes, Criterion of reversibility, Carnot cycle Carnot principles.
- Week 8: Applications of II Law of Thermodynamics: Thermodynamic Temperature scale, Clausius inequality, Entropy, Calculations of entropy change, Principle of entropy increase, T-S diagram, II Law analysis of Control volume.
- Week 9: Thermodynamic Potentials: Maxwell relations; Available energy, Availability, Second law efficiency, Thermodynamic relations, Jacobian methods, Clapeyron and Kirchoff equations, Phase rule.
- Week 10: Power Cycles: Rankine cycle Ideal, Reheat and Regenerative Rankine cycles.
- Week 11: Gas Power Cycles: Gas Power Cycles; Otto cycle, Diesel cycle, Dual cycle and Brayton cycle.
- Week 12: Refrigeration Cycles: Vapor compression refrigeration, Absorption refrigeration and Gas refrigeration Cycles.

NO.OF STUDENTS REGISTERED: 1

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME
1	MATURI SURYA PRAKASH

RESOURCE PERSON DETAILS

Dr. D.P. Mishra is working as a professor in the Department of Aerospace Engineering, Indian Institute of Technology (IIT) Kanpur, Kanpur, India where he is also establishing a combustion laboratory.

PRAGATI ENGINEERING COLLEGE
Near Peddapuram, E.G.O.C., AP-533 437



Roll No: NPTEL17AE06S1750038

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

389/47



No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Distinction + Gold Medal
60-89	Distinction
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
MATURI SURYA PRAKASH

for successfully completing the course

Engineering Thermodynamics

with a consolidated score of **49 %**

Online Assignments	20.75/25	Proctored Exam	28.5/75
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Total number of candidates certified in this course: 133

Prof. I. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

Jul-Oct 2017
(12 week course)



Indian Institute of Technology Kanpur

Roll No: NPTEL17AE06S1750038

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To validate and check scores: <http://npTEL.ac.in/npd>



ENERGY CONSERVATION AND WASTE HEAT RECOVERY

PROF. PRASANTA KUMAR DAS

Department of Mechanical Engineering
IIT Kharagpur



TYPE OF COURSE : Rerun | Core/Elective | UG/PG

INTENDED AUDIENCE : B.E./B.Tech, M.E./M.Tech, Ph.D

COURSE DURATION : 12 weeks (30 Jul'18 - 19 Oct'18)

EXAM DATE : 28 Oct 2018

PRE-REQUISITES : Basic Thermodynamics

PROF. ANANDAROOP BHATTACHARYA

Department of Mechanical Engineering
IIT Kharagpur



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.), Thermionic 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), Batteries, Chemical Energy Storage, Fuel cells.
- Week 12** : Energy Economics

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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

Energy Conservation and Waste Heat Recovery

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.

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, Cogenerations, 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.), Thermoionic 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

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NO.OF STUDENTS REGISTERED: 129

LIST OF STUDENT ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	MEDEPALLI VASDHESWARI	16A31A0301
2	RESHMA POTLURI	16A31A0303
3	KANCHARLA SAHITYA	16A31A0358
4	K VEERA LAKSHMI	16A31A0359
5	M SATYA PRAVALLIKA	16A31A0360
6	M.ANUSHA	17A35A0316
7	Y.LAKSHMI SUMA PRIYA	17A35A0317
8	KANDREGULA ASHOK	16A31A0326
9	PADALA REVANTH	16A31A0338
10	SURAMPUDI VEERA VENKATA SATYA DURGA PRASAD	16A31A0343
11	A.SAI VAMSI	16A31A0361
12	BADIGANTI BALAJI	16A31A0365
13	D.SRINIVAS	16A31A0370
14	GOLLA SIVA GANESH	16A31A0372
15	KATTOJI RAJU	16A31A0377
16	KODURI VEERABABU	16A31A0378
17	KONA ANIL	16A31A0379
18	KUKKALA VIDYA SAGAR	16A31A0380
19	K.SAIRAMARAJU	16A31A0381
20	K.AVINASH	16A31A0382
21	MAGAPU SRIRAM	16A31A0384
22	MARADANA BHARATH KUMAR	16A31A0385
23	MORUKURTHI VENKATA SAI SIVA DATHA YADAV	16A31A0389
24	NUNNA SATYA VEERA PRAKASH	16A31A0393
25	P PRANAY GOPAL	16A31A0397
26	PARAMSETTI B.V PAVAN KUMAR	16A31A0398
27	PENKE OM SRI SAI KRISHNA	16A31A03A0
28	PAVAN KUMAR	16A31A03A2
29	PUTTA UMAKIRAN	16A31A03A4
30	SANA MANIKYA SWAMYNAIDU	16A31A03A5
31	SIDDILLA SIVA SHANKAR	16A31A03A8
32	SINGINEEDI NOOKARAJU	16A31A03A9
33	SAIKUMAR	16A31A03B6
34	CHAVAKULA RAJESH	16A31A03C1
35	CH KRISHNARJUN	16A31A03C4
36	CH.SASI PREETHAM	16A31A03C5
37	DAMODAR	16A31A03C7
38	DUPPATLA BHAGAVAN	16A31A03C8
39	GANDI MANIKANTA	16A31A03C9
40	GANGABATTULA VINAY SAI	16A31A03D0
41	GANGULA AJAY KUMAR	16A31A03D1

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42	GOLLAVILLI SAI KRISHNA RAYALU	16A31A03D5
43	G SAI DURGA PRASAD	16A31A03D6
44	GUNTAMUKKALA MANIKANTA SWAMY	16A31A03D9
45	J. V. V. S. VAMSI KRISHNA	16A31A03E0
46	KAJA ABHISHEK CHANDRA	16A31A03E1
47	KANDELLA ANAND	16A31A03E2
48	KANTIPAMULA NARESH	16A31A03E3
49	K SRI DATTA KUMAR	16a31a03e4
50	KOLLA ANAND GANGA DURGA SURYA PRASAD	16A31A03E6
51	K UDAY SRINIVAS	16A31A03E8
52	K.V.V.SATYANARAYANA	16A31A03E9
53	KUNDALA SURYA CHANDRA KUMAR	16A31A03F0
54	LANKA RAVI TEJA	16A31A03F1
55	MUKKA PRASAD NAIDU	16A31A03F2
56	MACHETTI SURYANARAYANA	16A31A03F3
57	MUTHIKA SAI TEJA	16A31A03F6
58	NAGIREDDI VASUMUNI	16A31A03F7
59	NAIDANI PAVAN KUMAR	16A31A03F8
60	PALANKI YASWANTH	16A31A03G1
61	SHAIK BASHA	16A31A03G6
62	T.RAHUL SHANKER GOUD	16A31A03G7
63	VITTANALA SATYA RAVI TEJA	16A31A03H0
64	VYSYARAJU SASHANK KUMAR RAJU	16A31A03H2
65	YELLA SRINIVAS	16A31A03H3
66	ADAPA SURYA VENKATA GANGADHAR	16A31A03H4
67	ATTI DURGA SAI TRINATH	16a31a03b7
68	BH SAI NARASIMHA VARMA	16A31A03H8
69	BANDARU VENKATA SAI RAM VIKAS	16A31A03I0
70	BODDU LOKESH KUMAR	16A31A03I1
71	VEERENDRA	16A31A03I4
72	DADI SIVA SATISH	16A31A03I6
73	DASAM. VIJAY SANKAR	16A31A03I8
74	DOMA VENKATA MANI KANTA	16A31A03J0
75	SATISH KUMAR	16A31A03J1
76	GOWTU VASU	16A31A03J2
77	ROHITHSAIJANA	16A31A03J4
78	BALA SWAMY KANDRU	16A31A03J5
79	VIJAY KUMAR KANETY	16A31A03J6
80	KARRI LOKESH	16A31A03J7
81	MAGAPU.SANTHOSH	16A31A03K4
82	MALLADI VEERABABU	16A31A03K6
83	MANTHA SATYA VENKATA BHARADWAJ	16A31A03K7
84	M. RAMA KRISHNA VAMSI	16A31A03L0
85	PASALASAISANDEEP	16A31A03L1
86	PALACHARLA MAHESH CHOWDARY	16A31A03L2
87	PALATI CHARAN TEJA	16A31A03L2

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88	PREISINGI GOVIND RAJU	16A31A03L4
89	PUDI CHAITANYA VISHAL	16A31A03L5
90	RATNALA BHARAT KUMAR	16A31A03L7
91	S SIVA SHANMUK VARMA	16A31A03L8
92	V.A.N.S.ANANTH	16A31A03M6
93	VIPPARTHI SUNEEL	16A31A03M8
94	GOLLAPALLI GANGA PAVAN KUMAR	17A35A0310
95	PERURI RAVITEJA	17A35A0312
96	CH.ASHOK BABU	17A35A0318
97	ETHAKOTA DEVI VINAY	17A35A0319
98	GAMPALA NAGENDRA	17A35A0320
99	KODATI HIMA KALYAN	17A35A0324
100	SURAMPUDI HIMASHANKAR	17A35A0328
101	T.PRAJITH SUNDAR	17A35A0329
102	U. TEJESH	17A35A0330
103	AGNIPARTHI BHANU TEJA	17A35A0331
104	ARIMILLI KRISHNA VAMSI	17A35A0332
105	DONTHAMSETTI BRINESH	17A35A0333
106	KOTHAPALLI SRIKANTH	17A35A0334
107	LOKAVARAPU VIJAYKUMAR	17A35A0335
108	MOHAMMED AZEEZUDDIN	17A35A0336
109	MORUKURTHI DURGAPRASAD	17A35A0337
110	MUTTAREDDI RAMAKRISHNA	17A35A0338
111	PAMPANA LILA VENKATA SAI KIRAN	17A35A0340
112	PUTCHA KRISHNA	17A35A0341
113	SEPENI TEJASWA DURGA VAMSI	17A35A0342
114	SURLA DHANUSH KUMAR	17A35A0343
115	THAVITIKI SEKHAR	17A35A0344
116	YELETI SHYAM PRAKASH	17A35A0345
117	BARRE VICTOR	17A35A0346
118	BIRRE VEERA VENKATA BHAVANNARAYANA	17A35A0347
119	DODDIPATLA NAGARJUNA KONDALARAO	17A35A0348
120	SUNEETH	17A35A0349
121	J.AKHIL	17A35A0350
122	KALAPU KALYAN SAI CHARAN	17A35A0351
123	KEDASI KRISHNA DEEPAK	17A35A0352
124	PALIKA SRI HARI VINAY	17A35A0354
125	PAMMI VINEETH KUMAR	17A35A0355
126	PECHEETTI DHANUNJAYA	17A35A0356
127	PENUGADA SAI PRUDHVI PAVAN KUMAR	17A35A0357
128	Y.VENKATA RAJESH	17A35A0359
129	NULUKURTHI BHANU CHAND	17A35A0360

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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.

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16A31A0301



Roll No: NPTEL18ME44512000191

To

PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

921/389



No. of credits recommended by NPTEL: 3

Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
MEDEPALLI VASDHESWARI

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of 40 %

Online Assignments	7.22/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 473

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami

Prof. Adrijit Goswami

Dean
Continuing Education, IIT Kharagpur

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To validate and check scores: <http://nptel.ac.in/noc>

Indian Institute of Technology Kharagpur

Roll No: NPTEL18ME44512000191

16A31A0303



Roll No: NPTEL18ME44521990094

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

960/389



No. of credits recommended by NPTEL: 3

Score	Type of Certificate
>=90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

RESHMA POTLURI

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **64 %**

Online Assignments	23.19/25	Proctored Exam	41.25/75
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Total number of candidates certified in this course: 473

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

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1-278, ADB ROAD, SURAMPALAM
To validate and check scores visit: gate2iit.com

Roll No: NPTEL18ME44521990094



MANUFACTURING OF COMPOSITES



PROF. JANAKRANJAN RAMKUMAR
Dept. of Mechanical Engineering and Design Program
IIT Kanpur

TYPE OF COURSE : Rerun | Core | UG
INTENDED AUDIENCE : B.E/B.Tech, B.Sc, B.S
PRE-REQUISITES : The student should have completed two semesters of UG Engineering or Science program.
INDUSTRIES APPLICABLE TO : HAL, NAL, SAIL, ISRO

COURSE DURATION : 8 weeks (06 Aug'18 - 28 Sep'18)

EXAM DATE : 07 Oct 2018

COURSE OUTLINE :

Selecting manufacturing technique has emerged as one the paramount challenges 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 and thermoplastic Composites manufacturing processes, process parameters and characterizations. Applications and use of each manufacturing process is focused and this is represented separately.

ABOUT INSTRUCTOR :

Dr. Janakranjan Ramkumar is currently a Professor in Mechanical Engineering Department, and Design Program, Indian Institute of Technology, 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 to 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 01** : Introduction to Composites
- Week 02** : Properties and testing composites
- Week 03** : Thermoset Composites manufacturing processes
- Week 04** : Thermoset composite manufacturing processes
- Week 05** : Thermoplastic composite manufacturing processes
- Week 06** : Thermoplastic composite manufacturing processes
- Week 07** : Metal and ceramic matrix composites
- Week 08** : Prevention of Damage, repair of Composites and selection of processes

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Manufacturing Of Composites

COURSE OUTLINE

Selecting manufacturing technique has emerged as one the paramount challenge in the eld of composites. Composites are now being used in almost every eld 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; Introduction to Composites; Function of the Matrix and Reinforcement in Composites Matrices: Thermosets and Thermoplastic; Fiber Reinforcement Week 2: Properties and testing composites; Properties of Composites; Composites testing; Composites design: Laminate theory, Rule of mixtures, symmetry and balance

Week 3: Thermoset Composites manufacturing processes; Material selection process cont.; Material selection process cont. Design for manufacturing.

Week 4: Thermoset composite manufacturing processes; Thermoset Composite manufacturing:Lay-up processes,Spray up process; Thermoset Composite manufacturing:Fiber placement process; Thermoset Composite manufacturing:Resin transfer moulding

Week 5: Thermoplastic composite manufacturing processes; Thermoset Composite manufacturing:Vaccum assisted resin transfer moulding; Thermoset Composite manufacturing:Compression molding process; Thermoset composites manufacturing:Filament winding

Week 6: Thermoplastic composite manufacturing processes; Thermoplastic Composite manufacturing:Sheet moulding Thermoplastic Composite manufacturing: Injection moulding, sheet moulding, Calendaring; Thermoplastic Composite manufacturing:Extrusion, Blow molding, rotational molding, Thermoforming

Week 7: Metal and ceramic matrix composites; Metal Matrix Composites:Metal matrix and reinforcement; Manufacturing processes for Metal Matrix Composites:Dispersion hardended and particle composite; Manufacturing processes for Metal matrix composites:Layer composites and infiltration method

Week 8: Prevention of Damage, repair of Composites and selection of processes; Ceramic matrix composites: Hot isostatic processing : Non - destructive testing of Composites; Manufacturing process selection: Cost, performance, size shape, rate of production. Steps for process selection

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.D.R., 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

NO.OF STUDENTS REGISTERED: 63

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	B.SRI LEKHA	17A35A0301
2	ADITYA BHAMIDIPATI	16A31A0306
3	ADITYA SAI SUMANTH	16A31A0307
4	BUKKA VEERA CHAKRABABU	16A31A0308
5	CHINTA SRINIVAS	16A31A0309
6	CHODIPILLI RAJU	16A31A0310
7	CHARAN SAI.DEVU	16A31A0314
8	DHULIPUDI GOVINDA RAJU	16A31A0315
9	GANGIREDLA VARUN KUMAR	16A31A0316
10	GANJA VISHNU SATYA SAI	16A31A0317
11	GUNDU DEVI VENKATA SATYA SAI CHANDRAMOULI	16A31A0318
12	INUMARTHI JAYA NAGA PRASANTH	16A31A0319
13	JEERI SITARAMIREDDY	16A31A0320
14	JUNUTHULA SAIMOHAN REDDY	16A31A0321
15	KONDIPUDI SOLMON RITHISH	16A31A0323
16	KALYAN KUMAR	16A31A0324
17	K.SURYA	16A31A0325
18	KANTIPUDI SIVARAMAKRISHNA	16A31A0327
19	KARRIVAMSIKRISHNAREDDY	16a31a0328
20	KATTA SRI SAI PAVAN	16A31A0329
21	KHADAR MOHIDDIN KHAN	16A31A0330
22	KOLLA TRINADH VEERA VENKATA SATYANARAYANA	16A31A0331
23	MUSINI DINESH KUMAR	16A31A0335
24	SUMANTH	16A31A0336
25	PONNADA SAI KRISHNA	16A31A0340
26	SYED RAKEEB SHAFI	16A31A0344
27	TALLAPUDI DILIP SAI SUNDAR	16A31A0345
28	UPPALAPATI PURNA RAVI TEJA	16A31A0348
29	VALLURI SIVA SATYA NAYAN	16a31a0350
30	VANAMADI SUJITH RAJ	16A31A0351
31	VASAMSETTY GOWRAV VENKATESH	16A31A0352
32	VEGI ESWAR SAI KUMAR	16A31A0353
33	YAKA VAMSI	16A31A0354
34	GOVIND YELAMANCHILI	16A31A0357
35	ASHISH KUMAR	16A31A0357
36	D.H.V KRISHNA	16A31A0357
37	PACHIPALA RAKESH NAVYANTH	16A31A0394
38	PENDEM BALU SIVA SAI CHANDRA	16A31A0399
39	TALLURI.KAMESWARA RAO	16A31A03B0
40	U. KALYAN KUMAR	16A31A03B1

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41	YELLABOINA DEEPAK SAI VENKAT	16A31A03B5
42	A.DEVI PRASAD	16A31A03H5
43	BONKU JOHN DAVIDSON	16A31A03I2
44	JAMI BRAHMESWARA RAO	16A31A03J3
45	SRIKAKULAM SAI KUMAR	16A31A03M2
46	CHUKKA ANIL	16A31A311
47	BONDS SWAMY	17A35A0302
48	BORA VINOD	17A35A0303
49	ADDALA SAI KUKKUTESWARA SATYA DEVA	17A35A0304
50	APPIKONDA CHANDRAKIRANDURGAPRASAD	17A35A0305
51	B.L.S.VISHNU VARDHAN RAO	17A35A0306
52	VENKAT CHELLURI	17A35A0307
53	CHIKKAM DURGA PRASAD	17A35A0308
54	GANNI SAIKIRAN	17A35A0309
55	P. MURALI KRISHNA	17A35A0313
56	VANAMADI PRAVEENARAJU	17A35A0314
57	AKHILESH YADAV	17A35A0315
58	KARRI HARI SANKAR	17A35A0321
59	KARRI JAGADEESH	17A35A0322
60	KELLA RAJU	17A35A0323
61	M.DURGA PRASAD	17A35A0325
62	MYLAPALLI BHARAT RATNA	17A35A0327
63	KONDAYYPALUPU VEERA VEKATA SRI KRISHNA KESAVA SIMHA	17A35A0353

RESOURCE PERSON DETAILS

Prof. Janakranjan .Ramkumar is currently a Professor of Mechanical Engineering Department, and Design Program, Indian Institute of Technology, Kanpur.

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PRAGATI ENGINEERING COLLEGE
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Roll No NPTEL18ME59511820114

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

29/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ADITYA BHAMIDIPATI

for successfully completing the course

Manufacturing of Composites

with a consolidated score of 72 %

Online Assignments	22.79/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 907

T. V. Prabhakar
Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Sep 2018
(8 week course)

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

PRINCIPAL

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(AUTONOMOUS)

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To validate and check scores: <http://nptel.ac.in/noc>

Indian Institute of Technology Kanpur

Roll No NPTEL18ME59511820114



Roll No NPTEL18ME59511820340

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

56/389



Score	Type of Certificate
≥ 90	Elite - Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

Aditya Sai Sumanth

for successfully completing the course

Manufacturing of Composites

with a consolidated score of **55 %**

Online Assignments	22.46/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **907**

T.V. Prabhakar

Prof. T. V. Prabhakar
Chairman

Center for Continuing Education, IITK

Aug-Sep 2018
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL18ME59511820340

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MANUFACTURING SYSTEMS TECHNOLOGY I & II

PROF. SHANTANU BHATTACHARYA
Department of Mechanical Engineering
IIT Kanpur



TYPE OF COURSE : Rerun | Core/Elective | UG/PG
INTENDED AUDIENCE : M.Sc, Ph.D
COURSE DURATION : 12 weeks (13 Jul'18 - 19 Oct'18)
EXAM DATE : 28 Oct 2018
INDUSTRIES APPLICABLE TO : SMIL (Gurgaon), HAL (Kanpur and Lucknow), Cyient (Hyderabad), Small and medium scale production industries

COURSE OUTLINE :

This is an introductory level course in Manufacturing Systems Technology and management. For most enterprises, the long term goal is to stay in business, grow and make profits. This is particularly true for manufacturing enterprises, which must understand the dynamic changes that are taking place in business environment and are flexible enough to change at every level. This course is an introductory course for engineering professionals who would like to take up careers in manufacturing and also for professionals who are already in manufacturing careers and would like to see the technological changes that manufacturing paradigm has witnessed in the last 3 decades.

ABOUT INSTRUCTOR :

Prof. Shantanu Bhattacharya is currently an Associate Professor at the Department of Mechanical Engineering at the Indian Institute of Technology Kanpur. Prior to joining IIT Kanpur he was associated with Suzuki Motors in the senior management level and has over 6 years of experience in various production capacities and positions.

COURSE PLAN :

- Week 01** : Manufacturing properties of materials, Computer aided designing.
- Week 02** : Manufacturing properties of materials, Computer aided designing.
- Week 03** : Manufacturing properties of materials, Computer aided designing.
- Week 04** : Principles and process planning of basic machining processes, Machine tools design.
- Week 05** : Principles and process planning of basic machining processes, Machine tools design.
- Week 06** : Computer aided process planning
- Week 07** : Introduction to CNC part programming, Product design
- Week 08** : Just-in-time manufacturing
- Week 09** : Quality systems engineering
- Week 10** : Cost of quality and statistical quality control
- Week 11** : Cost of quality and statistical quality control
- Week 12** : Robotic systems planning and designing


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Ph: 08852 - 243233, 34 Website: www.pragati.ac.in

MANUFACTURING SYSTEMS TECHNOLOGY I & II COURSE OUTLINE

This is an introductory level course in Manufacturing Systems Technology and management. For most enterprises, the long term goal is to stay in business, grow and make profits. This is particularly true for manufacturing enterprises, which must understand the dynamic changes that are taking place in business environment and are flexible enough to change at every level. This course is an introductory course for engineering professionals who would like to take up careers in manufacturing and also for professionals who are already in manufacturing careers and would like to see the technological changes that manufacturing paradigm has witnessed in the last 3 decades.

TOPICS COVERED

- Week 01 : Manufacturing properties of materials, Computer aided designing.
- Week 02 : Manufacturing properties of materials, Computer aided designing.
- Week 03 : Manufacturing properties of materials, Computer aided designing.
- Week 04 : Principles and process planning of basic machining processes, Machine tools design.
- Week 05 : Principles and process planning of basic machining processes, Machine tools design.
- Week 06 : Computer aided process planning
- Week 07 : Introduction to CNC part programming, Product design
- Week 08 : Just-in-time manufacturing
- Week 09 : Quality systems engineering
- Week 10 : Cost of quality and statistical quality control
- Week 11 : Cost of quality and statistical quality control
- Week 12 : Robotic systems planning and designing.

NO.OF STUDENTS REGISTERED: 1

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME
1	ASHISH KUMAR

RESOURCE PERSON DETAILS

Prof. Shantanu Bhattacharya is currently an Associate Professor in the Department of Mechanical Engineering at the Indian Institute of Technology, Kanpur.

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



Roll No: NPTEL17MM1351750012

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

35/75



Score	Type of Certificate
75-90	Elite + Gold Memo
60-69	Elite
40-59	Successfully Completed this Course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ASHISH KUMAR

for successfully completing the course

Manufacturing Systems Technology I & II

with a consolidated score of **62 %**

Online Assignments	22.25/25	Proctored Exam	39.75/75
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Total number of candidates certified in this course 170

Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

Jul-Oct 2017
(12 week course)



Indian Institute of Technology Kanpur

Prateek Sanyal
NPTEL Coordinator
PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPalem
Near Peddapuram, E.G.Dt. (AP)-533 437
To validate and check scores: <http://nptel.ac.in/noo>

Roll No: NPTEL17MM1351750012



ROBOTICS



PROF. D.K. PRATIHAIR

Department of Mechanical Engineering
IIT Kharagpur

TYPE OF COURSE : New | Core | UG/PG

COURSE DURATION : 8 weeks (06 Aug'18 - 28 Sep'18)

INTENDED AUDIENCE : B.E/B.Tech, M.E/M.Tech, M.S, PhD

EXAM DATE : 07 Oct 2018

INDUSTRIES APPLICABLE TO : 1. RDCIS, Ranchi 2. CMERI, Durgapur 3. Reliance Industries 4. C-DAC, Kolkata

COURSE OUTLINE :

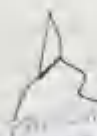
The course will start with a brief introduction to robots and robotics. The motivation behind keeping robots in modern industries will be discussed. After providing a brief history of robotics, different components of a robotic system will be identified. The method of determining degrees of freedom of 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. D.K. Pratihari received BE (Hons.) and M. Tech. from REC (NIT) Durgapur, India, in 1988 and 1994, respectively. He obtained his Ph.D. from IIT Kanpur, India in 2000. He received University Gold Medal, A.M. Das Memorial Medal, Institution of Engineers' (I) Medal, and others. He completed his post-doctoral studies in Japan and then, in Germany under the Alexander von Humboldt Fellowship Programme. He is working now as a Professor (HAG scale) of IIT Kharagpur, India. His research areas include robotics, soft computing and manufacturing science.

COURSE PLAN :

- Week 01** : Introduction to Robots and Robotics
- Week 02** : Introduction to Robots and Robotics (contd.); Robot Kinematics
- Week 03** : Robot Kinematics (contd.); Trajectory Planning
- Week 04** : Robot Dynamics
- Week 05** : Robot Dynamics (contd.); Analysis of Wheeled Robot; Analysis of Biped Robot
- Week 06** : Sensors
- Week 07** : Robot Vision; Robot Motion Planning
- Week 08** : Robot Motion Planning; Summary


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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. 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.

TOPICS COVERED

- Week 01 : Introduction to Robots and Robotics
- Week 02 : Introduction to Robots and Robotics (contd.);
- Week 03 : Robot Kinematics (contd.);
- Week 04 : Robot Kinematics; Trajectory Planning
- Week 05 : Robot Dynamics
- Week 06 : Control Scheme; Sensors; Robot Vision Robot Vision
- Week 07 : Robot Vision Robot Vision; Robot Motion Planning
- Week 08 : Intelligent Robot; Biped Walking; Summary

NO.OF STUDENTS REGISTERED: 1

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	ROLLNO
1	K VENKATASAI	PRAGATI-88

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

RESOURCE PERSON DETAILS

PROF. D.K. PRATIHAR Department of Mechanical Engineering IIT Kharagpur



Roll No:NPTEL18ME61S11820054

To

PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

20/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

K VENKATASAI

for successfully completing the course

Robotics

with a consolidated score of **77 %**

Online Assignments	23.33/25	Proctored Exam	54/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **1069**

Aug-Sep 2018
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur





HUMANITIES & SOCIAL SCIENCES

SOFT SKILLS

PROF. BINOD MISHRA

Professor of English,

IIIT Roorkee



TYPE OF COURSE : *Practical (Elective) (UG/PG)*

INTENDED AUDIENCE : *BE/B.Tech/B.A., ME, M.Sc./M.A., Ph.D.*

PRE-REQUISITES : *Basic knowledge of reading and writing English.*

COURSE DURATION : *12 weeks (01 Jul 18 - 12 Feb 19)*

EXAM DATE : *28 Oct 2018*

INDUSTRIES APPLICABLE TO : *Can be useful to all major companies, such as I&T, BHEL, NBCC, HCL, NTPC, NHPC, BHEL/STL, and other organizations where HR has a crucial role.*

COURSE OUTLINE :

Soft Skills, a buzz word today has attracted the attention of students, professionals and entrepreneurs all over the world. Employability, being the major concern today, every individual aims at getting coveted jobs. Employability today is commensurate with proving multiple skills in varied situations in a fast changing world. Hence, everyone aspiring for jobs today has to prove one's mettle in various situations where one requires to be armed with different skills, which, collectively come under Soft Skills. One may be armed with good competence of one's subject but one cannot compete with his peer groups unless one has the potential of performance. Performance can be ensured with the demonstration of certain abilities that can help a professional communicate, collaborate, coordinate, evaluate and look into the continuing as well as the upcoming trends of the corporate world from time to time.

ABOUT INSTRUCTOR :

Prof. Binod Mishra, Associate Professor of English at IIIT Roorkee, Uttarakhand, has a teaching experience of 21 years in different reputed colleges and universities. He has taught courses like Technical Communication Skills, Soft Skills, Language Skills, Modern Drama and Diasporic Literature etc. A Ph.D on the works of Mulk Raj Anand, Mishra has to his credit 20 books (15 edited and 05 authored) on various aspects of English language and literature. A life member of several literary associations, Dr. Mishra is on the editorial advisory board of several reputed journals, BoS member of several universities and two times elected Editor-in-Chief of Indian Journal of English Studies, one of the oldest journals of English language and literature.

COURSE PLAN :

- Week 01** : Introduction to Soft Skills, Aspects of Soft Skills, Effective Communication Skills, Classification of Communication, Personality Development.
- Week 02** : Positive Thinking, Telephonic Communication Skills, Communicating Without Words, Paralanguage.
- Week 03** : Proxemics, Haptics: The Language of Touch, Meta-communication, Listening Skills, Types of Listening.
- Week 04** : Negotiation Skills, Culture as Communication, Organizational Communication.
- Week 05** : Communication Breakdown, Advanced Writing Skills, Principles of Business Writing, Types of Business Writing.
- Week 06** : Business Writing, Business Letters, Business Letters: Format and Style, Types of Business Letter.
- Week 07** : Writing Reports, Types of Report, Strategies for Report Writing, Evaluation and Organization of Data.
- Week 08** : Structure of Report, Report Style, Group Communication Skills.
- Week 09** : Leadership Skills, Group Discussion, Group Discussion, Meeting Management, Adaptability & Work Ethics.
- Week 10** : Advanced Speaking Skills, Oral Presentation, Speeches & Debates, Combating Nervousness, Patterns & Methods of Presentation, Oral Presentation: Planning & Preparation.
- Week 11** : Making Effective Presentations, Speeches for Various Occasions, Interviews, Planning & Preparing (Part I): Effective Resume, Planning & Preparing (Part II): Effective Resume.
- Week 12** : Drafting an Effective Resume, Facing Job Interviews, Emotional Intelligence & Critical Thinking, Grammar.



Learning is Systems-Driven

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Soft skills

COURSE OUTLINE

Nature and Properties of Materials

Soft Skills, a buzz word today has attracted the attention of students, professionals and entrepreneurs all over the world. Employability, being the major concern today, every individual aims at getting coveted jobs. Employability today is commensurate with proving multiple skills in varied situations in a fast changing world. Hence, everyone aspiring for jobs today has to prove one's mettle in various situations where one requires to be armed with different skills, which, collectively come under Soft Skills. One may be armed with good competence of one's subject but one cannot compete with his peer groups unless one has the potential of performance. Performance can be ensured with the demonstration of certain abilities that can help a professional communicate, corroborate, convince, evaluate and look into the continuing as well as the upcoming trends of the corporate world from time to time.

TOPICS COVERED

Week 1 : Introduction to Soft Skills, Aspects of Soft Skills, Effective Communication Skills, Classification of Communication, Personality Development ..

Week 2 : Positive Thinking, Telephonic Communication Skills, Communicating Without Words, Paralanguage.

Week 3 : Proxemics, Haptics: The Language of Touch, Meta-communication, Listening Skills, Types of Listening.

Week 4 : Negotiation Skills, Culture as Communication, Organizational Communication.

Week 5 : Communication Breakdown, Advanced Writing Skills, Principles of Business Writing, Types of Business Writing.

Week 6 : Business Writing, Business Letters, Business Letters: Format and Style, Types of Business Letter.

Week 7 : Writing Reports, Types of Report, Strategies for Report Writing, Evaluation and Organization of Data.

Week 8 : Structure of Report, Report Style, Group Communication Skills.

Week 9 : Leadership Skills, Group Discussion, Group Discussion, Meeting Management, Adaptability & Work Ethics.

Week 10 : Advanced Speaking Skills, Oral Presentation, Speeches & Debates, Combating Nervousness, Patterns & Methods of Presentation, Oral Presentation: Planning & Preparation.

Week 11 : Making Effective Presentations, Speeches for Various Occasions, Interviews, Planning & Preparing (Part I): Effective Resume, Planning & Preparing (Part II): Effective Resume .

Week 12 : Drafting an Effective Resume, Facing Job Interviews, Emotional Intelligence & Critical Thinking, Applied Grammar.

NO.OF STUDENTS REGISTERED: 13

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	PRINCIPAL NO
1	PUPPALA SRICHARAN	16A31A0342
2	Y P V SAI SANDEEP	16A31A0342
3	HEMANTH SAGAR	16A31A0342
4	K.SRI REVANTH SATYA	16A31A0342
5	YESUPADAM CHOKKA	16A31A0315

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16A31A03E5

16A31A0315



Learning is Supreme Duty

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6	DANTULURI VARUN VARMA	16A31A03I7
7	DAVULURI JAI SANDEEP KUMAR	16A31A03I9
8	NANDIKOLLA MADHU S SURYA GANGA PAVAN KUMAR	16A31A03K9
9	PATNEEDI RAVI KUMAR	16A31A03L3
10	SAMAKUTI NAGA VENKATESH	16A31A03L9
11	SARELLA ANIL	16A31A03M1
12	VASAMSETTI ESWARA VENKATESH	16A31A03M5
13	SANA VIKAS	16A31A3M0

RESOURCE PERSON DETAILS

Prof. Binod Mishra, Associate Professor of English at IIT Roorkee, Uttarakhand, has a teaching experience of 21 years in different reputed colleges and universities. He has taught courses like Technical Communication Skills, Soft Skills, Language Skills, Modern Drama and Diasporic Literature etc.

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Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PUPPALA SRICHARAN

for successfully completing the course

Soft Skills

with a consolidated score of **76 %**

Online Assignments	23.44/25	Proctored Exam	52.5/75
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Prof. B. K. Gandhi

Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **3146**



Indian Institute of Technology Roorkee

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Near Sankarapuram, K. K. Road, (AP) - 533 437

swayam

Roll No: NPTEL18HS29512000624

To validate and check scores: <http://nptel.ac.in/noc>

16/3/20342



Roll No: NPTEL18H529512000098

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

797/389



Score	Type of Certificate
≥ 90	Elite - Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

Y P V SAI SANDEEP

for successfully completing the course

Soft Skills

with a consolidated score of **48 %**

Online Assignments	3.44/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course **3146**

Prof. B. K. Gandhi
Coordinator Continuing Education Center
NPTEL Coordinator IIT Roorkee

Jul-Oct 2018
(12 week course)

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

Indian Institute of Technology Roorkee

Roll No. NPTEL18H529512000098

To validate and check scores: <http://nptel.ac.in/mooc>



WORKING CAPITAL MANAGEMENT

PROF. ANIL K. SHARMA

Department of Management
IIT Roorkee



TYPE OF COURSE : New | Elective | UG/PG

COURSE DURATION : 12 weeks (30 Jul'18 - 19 Oct'18)

INTENDED AUDIENCE : M.Com, MBA, MFC, CA, ICWA, CS

EXAM DATE : 28 Oct 2018

INDUSTRIES APPLICABLE TO : All companies working in any area would value this course

COURSE OUTLINE :

Working capital management has gained the attention of industry and academia as an exclusive area of study after liberalization of Indian Economy. Management of working capital sometimes becomes more important than the management of long term funds because the day-to-day operations of any business largely depend upon this source of finance. Many firms have been seen in the past closing down for the want of short term finance. The profitability of any business to a larger extent is affected by this source of finance due to efficient management of current assets and current liabilities. Hence, learning about managing working capital has become more important and critical in the modern scenario.

ABOUT INSTRUCTOR :

Dr. Anil K. Sharma an Associate Professor in the Department of Management Studies, IIT Roorkee is M.Com and M.Phil, First Class First and Gold Medallist and Ph.D. in Financial Management from Panjab University Chandigarh. He is working at IIT Roorkee for the past more than 16 years has more than 22 years teaching experience in total. His area of interest is finance and accounting he has equally good interest in research in the same area.

COURSE PLAN :

- Week 01** : Introduction, meaning, concepts, classification and importance of working capital, Relevance of current assets and current liabilities in the balance sheet, Objectives of WCM.
- Week 02** : Factors determining working capital requirements, Assessment and forecasting of working capital requirements, Assessment and forecasting of working capital requirements, Operating cycle, Weighted Operating cycle
- Week 03** : Relevance of current assets and current liabilities and their inter-relationship, Management of different current assets, Management of Inventory.
- Week 04** : Risk and cost of holding inventory, Inventory management - tools, techniques, Inventory management - tools, techniques, Inventory management - tools, techniques, Inventory management
- Week 05** : models
Inventory management models, Determining stock levels and safety stocks, Types of organizations
- Week 06** : holding inventory, Inventory strategies & techniques, Inventory strategies & techniques.
Cases on Inventory Management, Management of Accounts Receivables, Creation and size of
- Week 07** : accounts receivables, Motives of extending credit, Limitations of A/Rs-Marginal tax considerations
Limitations of A/Rs-Tax considerations, Determining maximum length of credit period, Credit terms,
- Week 08** : opportunity costs, receivables at cost or sale price
Financial statements analysis wrt. A/Rs, Financial statements analysis wrt. A/Rs, Financial, Cash
- Week 09** : management-meaning and concept statements analysis wrt.
Cash flow presentation as per IFRS, NOCF & priority outflows, Management of liquidity-Shiftability
- Week 10** : theory, Liquidity newly defined, liquidity crises & firm level action, Measurement of liquidity
Window dressing, Certainty model by Baumol, Uncertainty model by Miller & Orr, Cash flow
- Week 11** : forecasting, Cash collection system.
Management of Accounts Payables, Trade credits-terms of purchase, stretching accounts payables
- Week 12** : Cost of Stretching A/Ps.
Financing Working Capital Gap, Sources of working capital finance, Bank finance, Bank finance committees on Bank finance.

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

Ph: (08552) 252233, 44 Website: www.pragati.ac.in

Working Capital Management

COURSE OUTLINE

Working capital management has gained the attention of industry and academia as an exclusive area of study after liberalization of Indian Economy. Management of working capital sometimes becomes more important than the management of long term funds because the day-to-day operations of any business largely depend upon this source of nance. Many - rms have been seen in the past closing down for the want of short term nance. The protability of any business to a larger extent is a-ected by this source of nance due to ecient management of current assets and current liabilities. Hence, learning about managing working capital has become more important and critical in the modern scenario.

TOPICS COVERED

Week 01 : Introduction, meaning, concepts, classification and importance of working capital, Relevance of current assets and current liabilities in the balance sheet, Objectives of WCM.

Week 02 : Factors determining working capital requirements, Assessment and forecasting of working capital requirements, Operating cycle, Weighted Operating cycle

Week 03 : Relevance of current assets and current liabilities and their inter-relationship, Management of different current assets, Management of Inventory.

Week 04 : Risk and cost of holding inventory, Inventory management - tools, techniques, Inventory management - tools, techniques, Inventory management - tools, techniques, Inventory management

Week 05 : Inventory management models, Determining stock levels and safety stocks, Types of organizations holding inventory, Inventory strategies & techniques, Inventory strategies & techniques.

Week 06 : Cases on Inventory Management, Management of Accounts Receivables, Creation and size of accounts receivables, Motives of extending credit, Limitations of A/Rs-Marginal tax considerations

Week 07 : Limitations of A/Rs-Tax considerations, Determining maximum length of credit period, Credit terms, opportunity costs, receivables at cost or sale price Financial statements analysis wrt. A/Rs,

Week 08 : Financial, Cash management-meaning and concept statements analysis wrt.

Week 09 : Cash flow presentation as per IFRS, NOCF & priority outflows, Management of liquidity-Shiftability theory, Liquidity newly defined, liquidity crises 7 firm level action, Measurement of liquidity

Week 10 : Window dressing, Certainty model by Baumol, Uncertainty model by Miller & Orr, Cash flow forecasting, Cash collection system.

Week 11 : Management of Accounts Payables, Trade credits-terms of purchase, stretching accounts payables, Cost of Stretching A/Ps.

Week 12 : Financing Working Capital Gap, Sources of working capital finance, Bank finance, Tondon and Chore committees on Bank finance.

NO.OF STUDENTS REGISTERED: 1

LIST OF STUDENTS ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	PADAMATA VINEETH	17A35A0339

RESOURCE PERSON DETAILS

PROF. ANIL K. SHARMA Department of Management IIT Roorkee

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Roll No: NPTEL18MG40512000594

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

791/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PADAMATA VINEETH

for successfully completing the course

Working Capital Management

with a consolidated score of **47 %**

Online Assignments	4.69/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **458**

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Jul-Oct 2018
(12 week course)

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Roll No: NPTEL18MG40512000594

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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2018-19

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:151

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	B. UMA TEJASWINI
2	GEETHA SRI
3	CHANDANALA HARI CHANDANA
4	ANJULA CHEKKA
5	PRATHYUSHA
6	G.TEJASWI
7	KARANAM APARNA
8	KOTHALANKA SWATHI SAMEERA
9	KOTIPALLI SHARMILA JAYASRI
10	K.LAXMI PAVANI
11	K.ANANTHALAKSHMI
12	MANASA SATYA
13	MANDAPALLI VIJAYA DURGA

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15	NADIKATLA BHUVANA SREE
16	NAKKINA LAKSHMI DEVI PRASANNA
17	N. VANDANA SUREKHA
18	N VIJAYALAKSHMI
19	P.SAI PAVANI
20	P.HARIKA
21	PEETHANI LIKITHA
22	PULAGAMSAIDEEPIKA
23	PUVVALA SAI AMULYA
24	KIRAN PRAMODA
25	SANGANI BHASKARA PADMA
26	SHAIK.RUKSHANA
27	TAVVA NAGA SRUJANA
28	BINDU RAJYA LAKSHMI
29	V SAISREE
30	VASANTALA DURGA BHAVANI
31	VERRIGHUKKA KUSUMA MEENAKSHI VIJAYALAKSHMI
32	VIPPARTHI.LAKSHMI NANDHINI
33	YALLA SRI SATYA
34	CHAMEERU DEEPIKA
35	ADABALA LAKSHMI PRASANNA
36	ALLU SUMA SAI VENKATA RATNAM
37	A SRI SOWMYA TEJASWINI
38	BALA TRIPURA SUNDARI KOTTU
39	BONDA MANI HARIKA
40	CHINTA.RESHMA
41	DASARI PRIYANKA
42	G.PUSHPANJALI
43	G.B.L.SHIVANI
44	G.MAHA LAKSHMI
45	PRASANTHI KAMADI
46	KANCHERLA PRAVALLIKA
47	KANDREGULA DEVI SRAVANI
48	K.ALEKHYA MADHURI
49	KOLLI VEERA DURGA BHAVANI
50	KOPPISETTI DURGA TEJASWINI
51	K.SRI SARANYA
52	MEESALA TEJASWI
53	NANDIKOLLA DEEPIKA MANI
54	PAKALAPATI V SATHYA SAHITHI RAJ
55	PALLAVI MONDRETY
56	PERUMALLA. ANITHA
57	PONNAGANTI MEGHANA MAHESWARI
58	PRATYUSHA MUDUNURI
59	RALLAPALLI B.V.N.LAXMI VYDEHI
60	SHAIK SONIA NAZNEEN
61	NANDHINI TALARI
62	VEERAMREDDY SUVARNA JYOTHI
63	RAMYA VINNAPALA
64	VUDATHU VENKATA NAGA ANJANA PRIYANKA
65	VURUM MANI KEERTHIKA
66	SATYAMSETTI V V DURGA SIVA SWETHA
67	DUVVURI VENKATA SAROJA
68	KAMMARA.JAYASRI

69	KATE SUSHMA
70	SATYAVARAPU VEERA VENKATA DURGA MALLESWARI
71	CHADA NAGA SURYA SAI SUSWARA
72	D DEVI KALYANI
73	GOLI MOUNIKA
74	GUDDATI RAGHAVENDRA SIRI CHANDANA
75	IMANDI SOWMYA LIKHITHA
76	INUMARTHI NAVYA REETHIKA
77	KAIKALA TEJASWINI
78	K.A.S.S.MOUNIKA
79	KOVVURI DIVYA
80	KOYYA JANANI LAVANYA DEVI
81	KURUMALLA ANUSHA NAGA DURGA DEVI
82	MOLLETI PAVANI
83	VINEELA NAGABATHULA
84	N.M.R.ALEKHYA
85	PERURI ANJANI RATNA
86	RAYUDU.SANDHYA RANI
87	SHAIK.BASHEERAMMA
88	SRIADULA SARASWATHI
89	T.V.V.RATNA
90	VANDAVASU POOJA
91	VASAMSETTI JYOTHI LALITHAMBICA
92	YIMMIDISSETTY.SRI HARIKA LALITHA
93	BALLA. KALPANA DEVI
94	B.BHUVANESWARI
95	BOLLAM DEVISRI
96	CHIKKAM KEERTHI
97	DULLA SHANTHI
98	ILLA POOJA
99	ILLA SWETHA
100	KALISSETTI UMA RAJASREE
101	KANUGONDA BHAVYA SRI SABHITHA RANI
102	PARIMALADEVI KATAKAM
103	MALLIDI.LEELA SRAVANTI
104	DURGA RESHMA
105	MITTINTI.SHIVAPOOJITHA
106	NALLAM SAI NANDINI
107	NARAHARISSETTI VENKATA CHAKRAVATHI
108	POOJITHA SRI SAI. KARUTURI
109	RYALI SATYA SRAVANI
110	SABBELLA SRI LAKSHMI PRASANNA
111	SAGIRAJU SRAVANI
112	BHUVANESWARI VAASIREDDY
113	V.SATYA SREE
114	VINJAMURI NEEHARIKA
115	Y.DURGA BHAVYA SREE
116	Y.SATYA SREEJA
117	YANDRA GANGAKRISHNAVENI
118	KORLA SRI LAXMI AISHWARYA
119	MEGHANA THOTA
120	AKONDI SAI MADHURI
121	DIVYA SUNDARI BADAM

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122	BASINA SRI SAI AKHILANDESWARI
123	BAVISETTI SAMHITHA
124	B.SWATHI
125	BEULA BUSHINI GURRAPU
126	CHODEY MADHUSREE
127	GUDLA BHUVANESWARI
128	K BHAVANA
129	KANDULA GEETHA NAVEENA CHOWDARY
130	KETHA GEETHIKA NANDINI
131	MADHAVI KODURI
132	M ROHITHA
133	MERETI LAKSHMI MOUNIKA
134	KRANTHI MOYILLA
135	M.BHAVANI
136	SUNEELA PALIVELA
137	P. KEERTHI MADHURI
138	PENKE JYOTSNA DEEPIKA
139	PILLA SRIDEVI VENKATA NAGA MALA
140	PULAGAM.SWATHI
141	REDDIPALLI SRI SAI ANUSHA
142	SADE SATYA RACHANA
143	SAHINI HARIKA
144	SAANNAPUSATYA
145	S. MYTHILI
146	V.V.S PAVANI
147	SIRIPURAPU MANJULA
148	LAKSHMI CHANDANA
149	SEERAM HARSHITH CHANDRA
150	NALLAMILLI ADITYA HARSHA VARDHINI
151	CHILUKURI SAMYUKTHA

LIST OF STUDENTS COMPLETED: 92

S.NO	STUDENT NAME
1	B. UMA TEJASWINI
2	GEETHA SRI
3	CHANDANALA HARI CHANDANA
4	ANJULA CHEKKA
5	PRATHYUSHA
6	G.TEJASWI
7	KARANAM APARNA
8	KOTHALANKA SWATHI SAMEERA
9	KOTIPALLI SHARMILA JAYASRI
10	K.LAXMI PAVANI
11	K.ANANTHALAKSHMI
12	MANASA SATYA
13	MANDAPALLI VIJAYA DURGA
14	MOBEEN RUKSANA
15	NADIKATLA BHUVANA SREE
16	NAKKINA LAKSHMI DEVI PRASANNA
17	N. VANDANA SUREKHA
18	N VIJAYALAKSHMI

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24	KIRAN PRAMODA
25	SANGANI BHASKARA PADMA
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27	TAVVA NAGA SRUJANA
28	BINDU RAJYA LAKSHMI
29	V SAISREE
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31	VERRIGHUKKA KUSUMA MEENAKSHI VIJAYALAKSHMI
32	VIPPARTHI.LAKSHMI NANDHINI
33	YALLA SRI SATYA
34	CHAMEERU DEEPIKA
35	ADABALA LAKSHMI PRASANNA
36	ALLU SUMA SAI VENKATA RATNAM
37	A SRI SOWMYA TEJASWINI
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41	DASARI PRIYANKA
42	G.PUSHPANJALI
43	G.B.L.SHIVANI
44	G.MAHA LAKSHMI
45	PRASANTHI KAMADI
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51	K.SRI SARANYA
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60	SHAIK SONIA NAZNEEN
61	NANDHINI TALARI
62	VEERAMREDDY SUVARNA JYOTHI
63	RAMYA VINNAPALA
64	VUDATHU VENKATA NAGA ANJANA PRIYANKA
65	VURUM MANI KEERTHIKA
66	SATYAMSETTI V V DURGA SIVA SWETHA
67	DUVVURI VENKATA SAROJA
68	KAMMARA JAYASRI
69	KATE SUSHMA
70	SATYAVARAPU VEERA VENKATA DURGA MALLESWARI
71	CHADA NAGA SURYA SAI SUSWARA
72	D DEVI KALYANI
73	GOLI MOUNIKA

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77	KAIKALA TEJASWINI
78	K.A.S.S.MOUNIKA
79	KOVVURI DIVYA
80	KOYYA JANANI LAVANYA DEVI
81	KURUMALLA ANUSHA NAGA DURGA DEVI
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83	VINEELA NAGABATHULA
84	N.M.R.ALEKHYA
85	PERURI ANJANI RATNA
86	RAYUDU.SANDHYA RANI
87	SHAIK.BASHEERAMMA
88	SRIADULA SARASWATHI
89	T.V.V.RATNA
90	VANDAVASU POOJA
91	VASAMSETTI JYOTHI LALITHAMBICA
92	YIMMIDISSETTY.SRI HARIKA LALITHA


Coordinator




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



DEVELOPING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN

Department of Humanities and Social Sciences
IIT Kanpur

INTENDED AUDIENCE : Students, Teachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industries/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

COURSE OUTLINE :

The course aims to cause a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfillment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills.

ABOUT INSTRUCTOR :

Prof. T. RAVICHANDRAN is presently a Professor of English in the Department of Humanities and Social Sciences at the Indian Institute of Technology Kanpur, Uttar Pradesh, India. He has written about fifty research articles/book chapters, supervised six doctoral theses, edited a special issue on Cyberpunk Literature for the Creative Forum Journal, and published a book on Postmodern Identity. He is a recipient of the Fulbright-Nehru Academic and Professional Excellence Fellowship (2014-15) for his research/teaching at Duke University, North Carolina, USA. He is honored with Champa Devi Gangwal Chair Professorship at IIT Kanpur. In his distinguished twenty-five years of teaching career, he has taught various courses in English Language and Literature. His NPTEL Video and Web courses on Communication Skills are well-acclaimed nationally and internationally. His NPTEL MOOC on Developing Soft Skills and Personality became hugely popular and well-received by about fifteen thousand participants from India and abroad.

COURSE PLAN:

Week 1: Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People

Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Aiming For Excellence: Developing Potential And Self-Actualisation

Lecture 6: Need Achievement And Spiritual Intelligence

Week 2: Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples

Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert

Lecture 11: Types Of Stress: Self-Awareness About Stress

Lecture 12: Regulating Stress: Making The Best Out Of Stress

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

- Week 3:** **Lecture 13:** Habits: Guiding Principles
Lecture 14: Habits: Identifying Good And Bad Habits
Lecture 15: Habits: Habit Cycle
Lecture 16: Breaking Bad Habits
Lecture 17: Using The Zeigarnik Effect For Productivity And Personal Growth
Lecture 18: Forming Habits Of Success
- Week 4:** **Lecture 19:** Communication: Significance Of Listening
Lecture 20: Communication: Active Listening
Lecture 21: Communication: Barriers To Active Listening
Lecture 22: Telephone Communication: Basic Telephone Skills
Lecture 23: Telephone Communication: Advanced Telephone Skills
Lecture 24: Telephone Communication: Essential Telephone Skills
- Week 5:** **Lecture 25:** Technology And Communication: Technological Personality
Lecture 26: Technology And Communication: Mobile Personality?
Lecture 27: Topic: Technology And Communication: E-Mail Principles
Lecture 28: Technology And Communication: How Not To Send E-Mails!
Lecture 29: Technology And Communication: Netiquette
Lecture 30: Technology And Communication: E-Mail Etiquette
- Week 6:** **Lecture 31:** Communication Skills: Effective Communication
Lecture 32: Barriers To Communication: Arising Out Of Sender/Receiver's Personality
Lecture 33: Barriers To Communication: Interpersonal Transactions
Lecture 34: Barriers To Communication: Miscommunication
Lecture 35: Non-Verbal Communication: Pre-Thinking Assessment-1
Lecture 36: Non-Verbal Communication: Pre-Thinking Assessment-2
- Week 7:** **Lecture 37:** Nonverbal Communication: Introduction And Importance
Lecture 38: Non-Verbal Communication: Issues And Types
Lecture 39: Non-Verbal Communication: Basics And Universals
Lecture 40: Non-Verbal Communication: Interpreting Non-Verbal Cues
Lecture 41: Body Language: For Interviews
Lecture 42: Body Language: For Group Discussions
- Week 8:** **Lecture 43:** Presentation Skills: Overcoming Fear
Lecture 44: Presentation Skills: Becoming A Professional
Lecture 45: Presentation Skills: The Role Of Body Language
Lecture 46: Presentation Skills: Using Visuals
Lecture 47: Reading Skills: Effective Reading
Lecture 48: Human Relations: Developing Trust And Integrity



Roll No:NPTEL18HS30S11890092

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

627/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

VASAMSETTI JYOTHI LALITHAMBICA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **76 %**

Online Assignments	23.17/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **12219**

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Oct 2018
(8 week course)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S11890092

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18HS30S11890102

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

628/389



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

VANDEVASU POOJA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **73 %**

Online Assignments	23.00/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **12219**

T V Prabhakar
Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

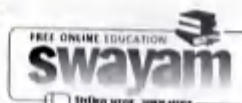
Aug-Oct 2018
(8 week course) **PRINCIPAL**

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur

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



Roll No: NPTEL18HS30S11890102

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18HS30S12000343

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

634/389



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BONDA MANI HARIKA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **76 %**

Online Assignments	22.33/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **12219**

T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK



Aug-Oct 2018

(8 week course)

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PRAGATI ENGINEERING COLLEGE

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

Satyaki Roy

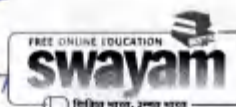
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S12000343

To validate and check scores: <http://nptel.ac.in/noc>



Roll No:NPTEL18HS30S12000616

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

636/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PRATYUSHA MUDUNURI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **82 %**

Online Assignments	24.67/25	Proctored Exam	57.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12219**

T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018

(8 week course)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL18H530512000616

To

PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

636/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

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This certificate is awarded to
PRATYUSHA MUDUNURI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **82 %**

Online Assignments	24.67/25	Proctored Exam	57.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12219**

T. V. Prabhakar

Prof. T. V. Prabhakar
Chairman

Center for Continuing Education, IITK



Indian Institute of Technology Kanpur

Aug-Oct 2018

(8 week course)

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PRAGATI ENGINEERING COLLEGE

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

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur





Roll No:NPTEL18HS30S12000666

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

638/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

A SRI SOWMYA TEJASWINI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60 %**

Online Assignments	21.83/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12219**

T V Prabhakar

Prof. T. V. Prabhakar
Chairman

Center for Continuing Education, IITK



Indian Institute of Technology Kanpur

Aug-Oct 2018 **PRINCIPAL**
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Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur





PRAGATI ENGINEERING COLLEGE

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(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with 'A' grade)
Recognized by UGC under sections 2(f) & 12(b) of the UGC Act, 1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2018-19

Op-Amp Practical Applications: Design, Simulation and Implementation

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.

TOPICS COVERED

- Week 1: Understanding the Datasheet of Op-Amps
- Week 2: Introduction to op-amps and discussion on its characteristics by simulation and experiment
- 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
- Week 7: To design and build a voltage-controlled oscillator using simulation and TI analog system
- Week 8: To design and build an automatic volume control using simulation and TI analog system
- Week 9: To design and build a constant current drive circuit for measuring
- Week 10: To design and build a temperature controlled system using op-amps as ON-OFF controller
- Week 11: signal conditioning circuit for thermocouple to compensate for temperature correction
- Week 12: To design and Implement aspeed controller of a DC motor using experiment

NO. OF STUDENTS ATTENDED: 141

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	BALLA. KALPANA DEVI
2	B.BHUVANESWARI
3	BOLLAM DEVISRI
4	CHIKKAM KEERTHI
5	DULLA SHANTHI
6	ILLA POOJA
7	ILLA SWETHA
8	KALISSETTI UMA RAJASREE
9	KANUGONDA BHAVYA SRI SABHITHA RANI

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10	PARIMALADEVI KATAKAM
11	MALLIDHULA SRAVANTI
12	DURGA RESHMA
13	MITTINILSHIVAPOOJITHA
14	NALLAM SAI NANDINI
15	NARAHARISETTI VENKATA CHAKRAVATHI
16	POOJITHA SRI SAI KARUTURI
17	RYALI SATYA SRAVANI
18	SABBUULA SRI LAKSHMI PRASANNA
19	SAGIRAJU SRAVANI
20	BHUVANESWARI VAASIREDDY
21	V.SATYA SREE
22	VINJAMURI NEEHARIKA
23	Y.DURGA BHAVYA SREE
24	Y.SATYA SREEJA
25	YANDRA GANGAKRISHNAVENI
26	KORLA SRI LAXMI AISHWARYA
27	MEGHANA THOTA
28	AKONDI SAI MADHURI
29	DIVYA SUNDARI BADAM
30	BASINA SRI SAI AKHILANDESWARI
31	BAVISETTI SAMIITHA
32	B.SWATHI
33	BEULA BUSHINI GURRAPU
34	CHODEY MADHUSREE
35	GUDLA.BHUVANESWARI
36	K BHAVANA
37	KANDULA GEETHA NAVEENA CHOWDARY
38	KETHA GEETHIKA NANDINI
39	MADHAVI KODURI
40	M ROHITHA
41	MERETI LAKSHMI MOUNIKA
42	KRANTHI MOYILLA
43	M.BHAVANI
44	SUNEELA PALIVELA
45	P. KEERTHI MADHURI
46	PENKE JYOTSNA DEEPIKA
47	PILLA SRIDEVI VENKATA NAGA MALA
48	PULAGAM.SWATHI
49	REDDIPALLI SRI SAI ANUSHA
50	SADE SATYA RACHANA
51	SAHINI HARIKA
52	SAANNAPUSATYA
53	S. MYTHILI
54	V.V.S PAVANI
55	SIRIPURAPU MANJULA
56	LAKSHMI CHANDANA
57	SEERAM HARSHITH CHANDRA
58	NALLAMILLI ADITYA HARSHA VARDHINI
59	CHILUKURI SAMYUKTHA
60	KUKKALA SYAMALA
61	RAJARAPU VENKATA SATYA SWAROOPA
62	JYOTHSNA RASAMSETTI
63	S.GANGA BHAVANI
64	DONEPUDISOWJANYA



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Handwritten mark

65	GULLA.SUJANA
66	PALIVELA MOUNIKA
67	B. UMA TEJASWINI
68	GEETHA SRI
69	CHANDANALA HARI CHANDANA
70	ANJULA CHEKKA
71	PRATHYUSHA
72	G.TEJASWI
73	KARANAM APARNA
74	KOTHALANKA SWATHI SAMEERA
75	KOTIPALLI SHARMILA JAYASRI
76	K.LAXMI PAVANI
77	K.ANANTHALAKSHMI
78	MANASA SATYA
79	MANDAPALLI VIJAYA DURGA
80	MOBEEN RUKSANA
81	NADIKATLA BHUVANA SREE
82	NAKKINA LAKSHMI DEVI PRASANNA
83	N. VANDANA SUREKHA
84	N VIJAYALAKSHMI
85	P.SAI PAVANI
86	P.HARIKA
87	PEETHANI LIKITHA
88	PULAGAMSAIDEEPIKA
89	PUVVALA SAI AMULYA
90	KIRAN PRAMODA
91	SANGANI BHASKARA PADMA
92	SHAIK.RUKSHANA
93	TAVVA NAGA SRUJANA
94	BINDU RAJYA LAKSHMI
95	V SAISREE
96	VASANTALA DURGA BHAVANI
97	VERRIGHUKKA KUSUMA MEENAKSHI VIJAYALAKSHMI
98	VIPPARTHI.LAKSHMI NANDHINI
99	YALLA SRI SATYA
100	CHAMEERU DEEPIKA
101	ADABALA LAKSHMI PRASANNA
102	ALLU SUMA SAI VENKATA RATNAM
103	A SRI SOWMYA TEJASWINI
104	BALA TRIPURA SUNDARI KOTTU
105	BONDA MANI HARIKA
106	CHINTA.RESHMA
107	DASARI PRIYANKA
108	G.PUSHPANJALI
109	G.B.L.SHIVANI

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110	G.MAHA LAKSHMI
111	PRASANTHI KAMADI
112	KANCHERLA PRAVALLIKA
113	KANDREGULA DEVI SRAVANI
114	K.ALEKHYA MADHURI
115	KOLLI VEERA DURGA BHAVANI
116	KOPPISETTI DURGA TEJASWINI
117	K.SRI SARANYA
118	MEESALA TEJASWI
119	NANDIKOLLA DEEPIKA MANI
120	PAKALAPATI V SATHYA SAHITHI RAJ
121	PALLAVI MONDRETY
122	PERUMALLA. ANITHA
123	PONNAGANTI MEGHANA MAHESWARI
124	PRATYUSHA MUDUNURI
125	RALLAPALLI B.V.N.LAXMI VYDEHI
126	SHAIK SONIA NAZNEEN
127	NANDHINI TALARI
128	VEERAMREDDY SUVARNA JYOTHI
129	RAMYA VINNAPALA
130	VUDATHU VENKATA NAGA ANJANA PRIYANKA
131	VURUM MANI KEERTHIKA
132	SATYAMSETTI V V DURGA SIVA SWETHA
133	DUVVURI VENKATA SAROJA
134	KAMMARA.JAYASRI
135	KATE SUSHMA
136	SATYAVARAPU VEERA VENKATA DURGA MALLESWARI
137	CHADA NAGA SURYA SAI SUSWARA
138	D DEVI KALYANI
139	GOLI MOUNIKA
140	GUDDATI RAGHAVENDRA SIRI CHANDANA
141	IMANDI SOWMYA LIKHITHA

LIST OF STUDENTS COMPLETED: 66

S.NO	STUDENT NAME
1	BALLA. KALPANA DEVI
2	B.BHUVANESWARI
3	BOLLAM DEVISRI
4	CHIKKAM KEERTHI
5	DULLA SHANTHI
6	ILLA POOJA
7	ILLA SWETHA
8	KALISETTI UMA RAJASREE
9	KANUGONDA BHAVYA SRI SABHITHA RANI
10	PARIMALADEVI KATAKAM
11	MALLIDI.LEELA SRAVANTI
12	DURGA RESHMA

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13	MITTINTI.SHIVAPOOJITHA
14	NALLAM SAI NANDINI
15	NARAHARISSETTI VENKATA CHAKRAVATHI
16	POOJITHA SRI SAI KARUTURI
17	RYALI SATYA SRAVANI
18	SABBELLA SRI LAKSHMI PRASANNA
19	SAGIRAJU SRAVANI
20	BHUVANESWARI VAASIREDDY
21	V.SATYA SREE
22	VINJAMURI NEEHARIKA
23	Y.DURGA BHAVYA SREE
24	Y.SATYA SREEJA
25	YANDRA GANGAKRISHNAVENI
26	KORLA SRI LAXMI AISHWARYA
27	MEGHANA THOTA
28	AKONDI SAI MADHURI
29	DIVYA SUNDARI BADAM
30	BASINA SRI SAI AKHILANDESWARI
31	BAVISETTI SAMHITHA
32	B.SWATHI
33	BEULA BUSHINI GURRAPU
34	CHODEY MADHUSREE
35	GUDLA.BHUVANESWARI
36	K BHAVANA
37	KANDULA GEETHA NAVEENA CHOWDARY
38	KETHA GEETHIKA NANDINI
39	MADHAVI KODURI
40	M ROHITHA
41	MERETI LAKSHMI MOUNIKA
42	KRANTHI MOYILLA
43	M.BHAVANI
44	SUNEELA PALIVELA
45	P. KEERTHI MADHURI
46	PENKE JYOTSNA DEEPIKA
47	PILLA SRIDEVI VENKATA NAGA MALA
48	PULAGAM.SWATHI
49	REDDIPALLI SRI SAI ANUSHA
50	SADE SATYA RACHANA
51	SAHINI HARIKA
52	SAANNAPUSATYA
53	S. MYTHILI
54	V.V.S PAVANI
55	SIRIPURAPU MANJULA
56	LAKSHMI CHANDANA
57	SEERAM HARSHITH CHANDRA
58	NALLAMILLI ADITYA HARSHA VARDHINI
59	CHILUKURI SAMYUKTHA
60	KUKKALA SYAMALA
61	RAJARAPU VENKATA SATYA SWAROOPA
62	JYOTHSNA RASAMSETTI
63	S.GANGA BHAVANI
64	DONEPUDISOWJANYA
65	GULLA.SUJANA
66	PALIVELA MOUNIKA

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 coordinator



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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40



Roll No:NPTEL18EE37S12000205

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

326/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

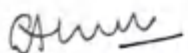


This certificate is awarded to
GUDLA.BHUVANESWARI

for successfully completing the course
**Op-Amp Practical Applications:
Design, Simulation and Implementation**
with a consolidated score of **49 %**

Online Assignments	18.56/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 362


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)


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


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE37S12000205

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE37512000310

To

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No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

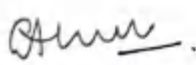
SAGIRAJU SRAVANI

for successfully completing the course

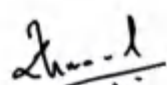
**Op-Amp Practical Applications:
Design, Simulation and Implementation**
with a consolidated score of **55 %**

Online Assignments	20.44/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 362


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE37512000310

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE37512000406

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

330/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

DULLA SHANTHI

for successfully completing the course

Op-Amp Practical Applications:

Design, Simulation and Implementation

with a consolidated score of **44 %**

Online Assignments	18.22/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: 362

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

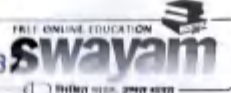
(AUTONOMOUS)

1-378, ADB ROAD, SURAMPalem
Near Peddapuram, E.G.Dt. (AP)-533 43

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE37512000406

To validate and check scores: <http://nptel.ac.in/noc>



Roll No:NPTEL18EE37512000424

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

331/389



No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NALLAM SAI NANDINI

for successfully completing the course

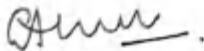
Op-Amp Practical Applications:

Design, Simulation and Implementation

with a consolidated score of **41 %**

Online Assignments	19.59/25	Proctored Exam	21/75
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Total number of candidates certified in this course: **362**


Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)


PRINCIPAL


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore

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(AUTONOMOUS)

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





Roll No:NPTEL18EE37S12000455

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

334/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

Y.DURGA BHAVYA SREE

for successfully completing the course

Op-Amp Practical Applications:

Design, Simulation and Implementation

with a consolidated score of **45 %**

Online Assignments	19.00/25	Proctored Exam	25.5/75
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Total number of candidates certified in this course: **362**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018 **PRINCIPAL**
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore

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



Roll No: NPTEL18EE37S12000455

To validate and check scores: <http://nptel.ac.in/noc>



PRAGATI ENGINEERING COLLEGE

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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. 2018-19

Enhancing Soft Skills and Personality

COURSE OUTLINE

The course aims to cause an enhanced 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.

TOPICS COVERED

- Week 1 : Highlights of Developing Soft Skills and Personality Course
- Week 2 : Importance of Time and Understanding Perceptions of Time
- Week 3 : Types of People
- Week 4 : What Makes Others Like You
- Week 5 : Common Errors-1,2,3,4,5
- Week 6 : Humour in Communication
- Week 7 : Health and Personality
- Week 8 : Ethics and Etiquette

NO. OF STUDENTS ATTENDED: 3

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	INDUKURI MOUNIKA
2	DONEPUDISOWJANYA
3	GULLA.SUJANA

LIST OF STUDENTS COMPLETED: 1

S.NO	STUDENT NAME
1	INDUKURI MOUNIKA

PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

Coordinator



ENHANCING SOFT SKILLS AND PERSONALITY

PROF. T. RAVICHANDRAN

Department of Humanities and Social Sciences

IIT Kanpur

TYPE OF COURSE : Rerun | Elective | UG/PG

COURSE DURATION : 8 weeks

INTENDED AUDIENCE : Students, Teachers, Professionals, Trainers, Leaders, Employers

INDUSTRIES APPLICABLE TO : All industry/companies/organisations will recognize and value this course and recommend this for their employees and trainee programs.

COURSE OUTLINE :

The course aims to cause an enhanced awareness about the significance of soft skills in professional and interpersonal communications and facilitate an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive 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. The focus of this course is on interpersonal and management skills. It has been approved for "Faculty Development Programme" by AICTE.

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 : Highlights of Developing Soft Skills and Personality Course-1-24 ; Highlights of Developing Soft Skills and Personality Course-25-48 ; Definitions and Types of Mindset ; Learning Mindsets ; Secrets of Developing Growth Mindsets

Week 2 : Importance of Time and Understanding Perceptions of Time ; Using Time Efficiently ; Understanding Procrastination ; Overcoming Procrastination ; Don't Say "Yes" to Make Others Happy!

Week 3 : Types of People ; How to Say "No" ; Controlling Anger ; Gaining Power from Positive Thinking-1 ; Gaining Power from Positive Thinking-2

Week 4 : What Makes Others Dislike You? ; What Makes Others Like You?-1 ; What Makes Others Like You?-2 ; Being Attractive-1 ; Being Attractive-2

Week 5 : Common Errors-1 ; Common Errors-2 ; Common Errors-3 ; Common Errors-4 ; Common Errors-5

Week 6 : Humour in Communication ; Humour in the Workplace ; Function of Humour in the Workplace ; Money and Personality ; Managing Money

Week 7 : Health and Personality ; Managing Health-1 : Importance of Exercise ; Managing Health-2: Diet and Sleep ; Love and Personality ; Managing Love

Week 8 : Ethics and Etiquette ; Business Etiquette ; Managing Mind and Memory ; Improving Memory ; Care for Environment ; Highlights of the Course

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Near Peddapuram, E.G.D., (AP)-533 431



Roll No: NPTEL19HS22S32090192

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

26/389



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
INDUKURI MOUNIKA
for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **72** %

Online Assignments	18.83/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: 10466

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

[Signature]
Feb-Apr 2019
(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS22S32090192

To validate and check scores: <http://npTEL.ac.in/noc>

2018-19

**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: Developing Trust And Integrity





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

S.No	Roll.no	Name of the Student
1	18A31A0552	SALAPAKA DATTA SAI VINAY
2	18A31A1229	TETALI ANANTHA LAKSHMIPRIYA
3	18A31A0535	CHITTURI NAVEEN KUMAR
4	18A31A0536	RAVITEJA
5	18A31A0534	BHUPATHIRAJU CHALAPATHI NAGA V
6	18A31A0531	VINAY
7	18A31A0552	SALAPAKA DATTA SAI VINAY


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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 CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	18A31A0535	CHITTURI NAVEEN KUMAR	Developing Soft Skills and Personality	elite
2	18A31A0536	RAVITEJA	Developing Soft Skills and Personality	elite
3	18A31A0552	SALAPAKA DATTA SAI VINAY	Developing Soft Skills and Personality	elite


Coordinator


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



Roll No: NPTEL18HS30521990500

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

721/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

RAVITEJA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **74 %**

Online Assignments	23.00/25	Proctored Exam	51/75
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T. V. Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **12219**

Aug-Oct 2018
(8 week course)

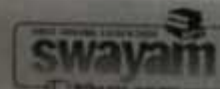
Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30521990500

To validate and check scores: <http://nptel.ac.in/noc>

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PRAGATI ENGINEERING COLLEGE

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



Roll No: NPTEL18HS30521990504

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

722/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
SALAPAKA DATTA SAI VINAY
for successfully completing the course

Developing Soft Skills and Personality
with a consolidated score of **88 %**

Online Assignments	22.33/25	Proctored Exam	65.25/75
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T. V. Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Total number of candidates certified in this course: 12219

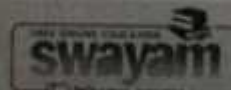
Aug-Oct 2018
(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30521990504

To validate and check scores: <http://npTEL.ac.in/noc>

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-19 INTRODUCTION TO MACHINE LEARNING BROCHURE



INTRODUCTION TO MACHINE LEARNING - IITKGP

PROF. SUDESHNA SARKAR
Department of Computer Science and
Engineering
Kharagpur

INTENDED AUDIENCE : Elective course for UG, PG, BE, ME, MS, M.Sc, PhD

PRE-REQUISITES : Basic programming skills (in Python), algorithm design, basics of probability & statistics

INDUSTRIES APPLICABLE TO : Data science companies and many other industries value machine learning skills.

COURSE OUTLINE :

This course provides a concise introduction to the fundamental concepts in machine learning and popular machine learning algorithms. We will cover the standard and most popular supervised learning algorithms including linear regression, logistic regression, decision trees, k-nearest neighbour, an introduction to Bayesian learning and the naive Bayes algorithm, support vector machines and kernels and neural networks with an introduction to Deep Learning. We will also cover the basic clustering algorithms. Feature reduction methods will also be discussed. We will introduce the basics of computational learning theory. In the course we will discuss various issues related to the application of machine learning algorithms. We will discuss hypothesis space, overfitting, bias and variance, tradeoffs between representational power and learnability, evaluation strategies and cross-validation. The course will be accompanied by hands-on problem solving with programming in Python and some tutorial sessions.

ABOUT INSTRUCTOR :

Prof. Sudeshna Sarkar is a Professor and currently the Head of the Department of Computer Science and Engineering at IIT Kharagpur. She completed her B.Tech. in 1989 from IIT Kharagpur, MS from University of California, Berkeley, and PhD from IIT Kharagpur in 1995. She served briefly as faculty at IIT Guwahati and at IIT Kanpur before joining IIT Kharagpur in 1998. Her research interests are in Machine Learning, Natural Language Processing, Data and Text Mining.

COURSE PLAN :

- Week 01** : Introduction; Basic definitions, types of learning, hypothesis space and inductive bias, evaluation, cross-validation.
- Week 02** : Linear regression, Decision trees, overfitting.
- Week 03** : Instance based learning, Feature reduction, Collaborative filtering based recommendation, Probability
- Week 04** : Probability and Bayes learning
- Week 05** : Logistic Regression, Support Vector Machine, Kernel function and Kernel SVM.
- Week 06** : Neural network: Perceptron, multilayer network, backpropagation, Introduction to deep neural network.
- Week 07** : Computational learning theory, PAC learning model, Sample complexity, VC Dimension, Ensemble learning.
- Week 08** : Clustering: k-means, adaptive hierarchical clustering, Gaussian mixture model.


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Learning is Supreme Duty

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

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

LIST OF STUDENTS ENROLLED

S.No	Roll.no	Name of the Student
1	17A31B0534	Tondapu Sruthi Reddy
2	17A31B0553	Vamsi Janakiram Peddimsetti
3	17a35a0506	Manaparapu Avinash
4	17A31A0546	Koondrapu Koushik Srisai
5	17a35a0503	Kanchi Manikanta
6	17A31A0553	Sri Sai Rama Ranga Teja Karri
7	17A31A0545	Deva Kumar Kilim
8	17A31A0549	Pathi Vasanth Kumar
9	17A31A0501	Afreen Jaha
10	17A31A0562	Borra Ratna Sahithi
11	17A31A0548	Nagam Satya Venkat
12	17A31A0551	Sri Harsha
13	17A35A0505	Ramakrishnaraju
14	17A35A0501	Adapa Siva Sai Datta Radhakrishna
15	17A31A0534	Ch S R Surya Teja

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(AUTONOMOUS)

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



PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

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

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

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A0551	SRI HARSHA	Introduction to Machine Learning	Successfully completed
2	17A31A0534	CH S R SURYA TEJA	Introduction to Machine Learning	Successfully completed
3	17A31A0546	KOONDRAPU KOUSHIK SRISAI	Introduction to Machine Learning	Elite
4	17A31A0553	SRI SAI RAMA RANGA TEJA KARRI	Introduction to Machine Learning	Successfully completed
5	17A31A0545	DEVA KUMAR KILIM	Introduction to Machine Learning	Successfully completed
6	17A31A0549	PATHI VASANTH KUMAR	Introduction to Machine Learning	Successfully completed

Coordinator

PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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

Roll No: NPTEL18CS40S21990391

To
PRAGATI ENGINEERING COLLEGE
EAST GUNDARI



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

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This certificate is awarded to
SRI SAI RAMA RANGA TEJA KARRI
for successfully completing the course
Introduction to Machine Learning
with a consolidated score of **47 %**

Online Assignments	21.83/25	Proctored Exam	25/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 3147

Aug-Oct 2018
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS40S21990391

To validate and check scores: <http://npTEL.ac.in/noc>

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



Roll No: NPTEL18C540521990406

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

609/389



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

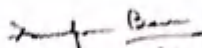
DEVA KUMAR KILIM

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **58 %**

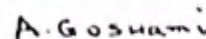
Online Assignments	21.88/25	Proctored Exam	36.25/75
--------------------	----------	----------------	----------



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **3147**

Aug-Oct 2018
(8 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18C540521990406

To validate and check scores: <http://nptel.ac.in/noc>



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-19 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 (6%) 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: 08552 - 255233, 34. Website: www.pragati.ac.in

LIST OF STUDENTS ENROLLED

S.No	RollNo	Name of the Student
1	17A31A0560	Karuna Nidhi Allada
2	17A31B0534	Tondapu Sruthi Reddy
3	16A31B0510	K.KanakaPrabhasna
4	17A31B0505	Dasari Dharani Sai
5	16A31A0571	Sirisha Jalem
6	16A31B0526	Sv Rishitha
7	16A31A0562	Radhika Bikkina
8	16A31B0516	M V S P J L Gayatri Mahalakshmi

Coordinator

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



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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	17A31A0560	KARUNA NIDHI .ALLADA	Programming in C++	Successfully completed
2	17A31B0505	DASARI DHARANI SAI	Programming in C++	Successfully completed


Coordinator


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



Roll No: NPTEL18CS32S11820267

To
DASARI DHARANI SAI
3-19
JAGANNAIKULAPALEM
EAST GODAVARI
ANDHRA PRADESH
533262
PIN NO : 5332641002



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DASARI DHARANI SAI
for successfully completing the course
Programming in C++
with a consolidated score of **40 %**

Online Assignments	7.74/25	Proctored Exam	32.25/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 2394

Aug-Sep 2018
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS32S11820267

To validate and check scores: <http://nptel.ac.in/noc>

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

Roll No: NPTEL18CS32S11820120

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

206/389



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KARUNA NIDHI .ALLADA
for successfully completing the course
Programming in C++
with a consolidated score of **48 %**

Online Assignments	13.93/25	Proctored Exam	33.75/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 2394

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS32S11820120

To validate and check scores: <http://nptel.ac.in/noc>

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-19 PROBLEM SOLVING THROUGH PROGRAMMING IN C BROCHURE



PROBLEM SOLVING THROUGH PROGRAMMING IN C

PROF. ANUPAM BASU
Department of Computer Science and Engineering
IIT Kharagpur

INTENDED AUDIENCE : BE/BTech. In all disciplines BCA/MCA/M. Sc

INDUSTRIES APPLICABLE TO : All IT Industries

COURSE OUTLINE : This course is aimed at enabling the students to

- Formulate simple algorithms for arithmetic and logical problems
- Translate the algorithms to programs (in C language)
- Test and execute the programs and correct syntax and logical errors
- Implement conditional branching, iteration and recursion
- Decompose a problem into functions and synthesize a complete program using divide and conquer approach
- Use arrays, pointers and structures to formulate algorithms and programs
- Apply programming to solve matrix addition and multiplication problems and searching and sorting problems
- Apply programming to solve simple numerical method problems, namely root finding of function, differentiation of function and simple integration

ABOUT INSTRUCTOR :

Prof. Anupam Basu is Professor in the Dept. of Computer Science Engineering, IIT Kharagpur, and has been an active researcher in the areas of Cognitive and Intelligent Systems, Embedded Systems and Language Processing. Presently he is acting as the Chairman and Head of the Center for Educational Technology, IIT Kharagpur. He has developed several embedded system based tools empowering the physically challenged and has led several national projects in the area. He has taught at the University of California, Irvine at the Center for Embedded Systems. He is an Alexander von Humboldt Fellow and a Fellow of the Indian National Academy of Engineering. The awards won by him include the State Award for the Best Contribution to the Cause of Empowerment of the Disabled (2014), Universal Design Award 2011, for contributions in design for the disabled, by National Council for Promotion of Employment of Disabled Persons, India, the National Award for the Best Technology Innovation for the Physically Disabled (2007) and the Da-Vinci Award 2004 from the Engineering Society of Detroit.

COURSE PLAN :

- Week 1:** Introduction to Problem Solving through programs, Flowcharts/Pseudo codes, the compilation process, Syntax and Semantic errors, Variables and Data Types
- Week 2:** Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching
- Week 3:** Conditional Branching and Iterative Loops
- Week 4:** Arranging things : Arrays
- Week 5:** 2-D arrays, Character Arrays and Strings
- Week 6:** Basic Algorithms including Numerical Algorithms
- Week 7:** Functions and Parameter Passing by Value
- Week 8:** Passing Arrays to Functions, Call by Reference
- Week 9:** Recursion
- Week 10:** Structures and Pointers
- Week 11:** Self-Referential Structures and Introduction to Lists
- Week 12:** Advanced Topics

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Learning is Supreme Duty

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

Ph: 08852 - 252233, 34 Website

LIST OF STUDENTS ENROLLED

S.No	Roll.no	Name of the Student
1	17A31A0599	Banisetti N V V Surya Sai Ganesh
2	16A31A0522	M.Veera Sri Mounika
3	16A31A0551	N Veera Venkata Jeejnesh
4	16A31B0557	Pramod Harsha V
5	17A31A05B2	Sabbella Venkateswara Ayyappa Reddy

LIST OF STUDENTS CLEARED


S. No	Roll No.	Name	Course Title	Result
1	17a31a0599	BANISETTI N V V SURYA SAI GANESH	Problem Solving through Programming in C	Elite
2	17A31A05B2	SABBELLA VENKATESWARA AYYAPPA REDDY	Problem Solving through Programming in C	Elite

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Coordinator


 Roll No: NPTEL18CS31S21990592
 To
 PRAGATI ENGINEERING COLLEGE
 EAST GODAVARI



Score	Type of Certificate
≥90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 3



Elite

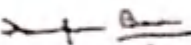
NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
BANISETTI N V V SURYA SAI GANESH
 for successfully completing the course
Problem Solving Through Programming in C
 with a consolidated score of **72 %**

Online Assignments	22/25	Proctored Exam	50.25/75
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 Prof. Anupam Basu
 NPTEL Coordinator
 IIT Kharagpur

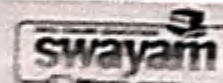
Total number of candidates certified in this course: 4083

Jul-Oct 2018
 (12 week course)

A. Goswami
 Prof. Adrijit Goswami
 Chair
 Continuing Education, IIT Kharagpur




Indian Institute of Technology Kharagpur



Roll No. NPTEL18CS31S21990592

To validate and check scores: <http://npTEL.ac.in/eoc>


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Roll No: NPTEL18CS31S21990013

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

632/349



Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

SABBELLA VENKATESWARA AYYAPPA REDDY

for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **73 %**

Online Assignments	20.38/25	Proctored Exam	52.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 4083

Jul-Oct 2018
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS31S21990013

To validate and check scores: <http://nptel.ac.in/noc>

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-19

Programming, Data Structures and Algorithms using Python

BROCHURE



PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON

PROF. MADHAVAN MUUND

Department of Computer Science and Engineering
Chennai Mathematical Institute

INTENDED AUDIENCE : Students in any branch of mathematics/science/engineering, 1st year

PRE-REQUISITES : School level mathematics

INDUSTRIES APPLICABLE TO : This course should be of value to any company requiring programming skills.

COURSE OUTLINE : This course is an introduction to programming and problem solving in Python. It does not assume any prior knowledge of programming. Using some motivating examples, the course quickly builds up basic concepts such as conditionals, loops, functions, lists, strings and tuples. It goes on to cover searching and sorting algorithms, dynamic programming and backtracking, as well as topics such as exception handling and using files. As far as data structures are concerned, the course covers Python dictionaries as well as classes and objects for defining user-defined datatypes such as linked lists and binary search trees.

ABOUT INSTRUCTOR : Prof. Madhavan Muvund studied at IIT Bombay (B.Tech) and Acharya University (PhD). He has been a faculty member at Chennai Mathematical Institute since 1998, where he is presently Professor and Director. His main research area is formal verification. He has active research collaborations within and outside India and serves on international conference committees and editorial boards of journals. He has served as President of both the Indian Association for Research in Computing Science (IARCS) (2011-2017) and the ACM India Council (2016-2018). He has been the National Coordinator of the Indian Computing Olympiad since 2002. He served as the Executive Director of the International Olympiad in Informatics from 2011-2014. In addition to the NPTEL-MOOC programme, he has been involved in organizing IARCS Instructional Courses for college teachers. He is a member of ACM India's Education Committee. He has contributed lectures on algorithms to the Massively Engaged Classroom (MEC) project of Microsoft Research and the GATE programme of MHRD.

COURSE PLAN

Week 1: Initial introduction to programming, algorithms and data structures staged
Downloading and installing Python
git in Python: variables, operations, control flow - assignments, conditionals, loops, functions

Week 2: Python: types, expressions, strings, lists, tuples
Python memory model: mutable and immutable values
List operations, slices etc.

Binary search:
Inductive function definitions: numerical and structural induction
Elementary inductive sorting: selection and insertion sort
In-place sorting

Week 3: Basic algorithmic analysis: input size, asymptotic complexity, Big notation
Arrays vs lists
Merge sort
Quick sort
Stable sorting

Week 4: Dictionaries
More on Python functions: optional arguments, default values
Passing functions as arguments
Higher order functions on lists: map, filter, list comprehension

Week 5: Exception handling
Basic input/output
Handling files
String processing

Week 6: Backtracking: N Queens, recording all solutions
Scope in Python: local, global, nonlocal names
Nested functions
Data structures: stack, queue
Heaps

Week 7: Abstract datatypes
Classes and objects in Python
'Linked' lists: find, insert, delete
Binary search trees: find, insert, delete
Height balanced binary search trees

Week 8: Efficient evaluation of recursive definitions: memoization
Dynamic programming: examples
Other programming languages: C and manual memory management
Other programming paradigms: functional programming

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

LIST OF STUDENTS ENROLLED

S.No	Roll.no	Name of the Student
1	17A31A0588	S.V.Sri.Santhi
2	17A31A0535	Katna Swamy Cheruku
3	17A31A0514	Karri Vijaya Lakshmi
4	17A31B0514	Killada Kalyani Lakshmi Prasanthi
5	17A31B0553	Vamsi Janakiram Peddimsetti
6	17A31A0572	K.Iswarya Hima Bindu
7	17A31A0573	Maddukuri Lakshmi Surekha
8	17A31A0501	Afreen Jaha
9	17A31A0562	Borra Ratna Sahithi
10	17A31A0548	Nagam Satya Venkat
11	17A31A0513	Kantipudi.Jyothirmai

Handwritten signature

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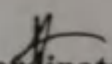
(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)


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

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

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A0588	S.V.SRI.SANTHI	Programming, Data Structures and Algorithms using Python	Successfully completed
2	17A31A0535	KATNA SWAMY CHERUKU	Programming, Data Structures and Algorithms using Python	Successfully completed
3	17A31A0514	KARRI VIJAYA LAKSHMI	Programming, Data Structures and Algorithms using Python	Elite
4	17A31B0514	KILLADA KALYANI LAKSHMI PRASANTHI	Programming, Data Structures and Algorithms using Python	Successfully completed
5	17A31A0513	KANTIPUDI JYOTHIRMAI	Programming, Data Structures and Algorithms using Python	Successfully completed
6	17A31A0572	K.ISWARYA HIMA BINDU	Programming, Data Structures and Algorithms using Python	Elite
7	17A31A0573	MADDUKURI LAKSHMI SUREKHA	Programming, Data Structures and Algorithms using Python	Elite


Coordinator


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


 Roll No: NPTEL18CS34521730315

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 2



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
KANTIPUDI JYOTHIRMAI
 for successfully completing the course
Programming, Data Structures and Algorithms
Using Python
 with a consolidated score of **46 %**

Online Assignments	23.96/25	Proctored Exam	22.5/75
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 Prof. A. Ramesh
 Chairman
 Center for Continuing Education, IITM

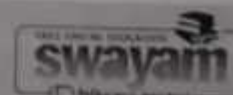
Total number of candidates certified in this course: 4745

Aug-Sep 2018
 (8 week course)


 Prof. Andrew Thangaraj
 NPTEL Coordinator
 IIT Madras




Indian Institute of Technology Madras



Roll No: NPTEL18CS34521730315

To validate and check scores: <http://nptel.ac.in/hoc>


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



Roll No: NPTEL18CS34511820156

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

2/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KATNA SWAMY CHERUKU

for successfully completing the course

**Programming, Data Structures and Algorithms
Using Python**

with a consolidated score of **57 %**

Online Assignments	22.92/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: 4745

A. Ramesh

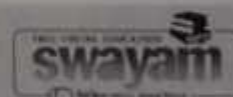
Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Aug-Sep 2018
(8 week course)

Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18CS34511820156

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

**2018-19
SCALABLE DATA SCIENCE
BROCHURE**



SCALABLE DATA SCIENCE

PROF. ANIRBAN DASGUPTA
Department of Computer Science and
Engineering IIT Kharagpur

PROF. SOURANGSHU BHATTACHARYA
Department of Computer Science and
Engineering IIT Gandhinagar

INTENDED AUDIENCE : Computer Science & Engineering

PRE-REQUISITES : Algorithms, Machine Learning

INDUSTRIES APPLICABLE TO : Google, Microsoft, Facebook, Amazon, Flipkart, LinkedIn etc.

COURSE OUTLINE :

Consider the following example problems: One is interested in computing summary statistics (word count distributions) for a set of words which occur in the same document in entire Wikipedia collection (5 million documents). Naive techniques, will run out of main memory on most computers. One needs to train an SVM classifier for text categorization, with unigram features (typically ~10 million) for hundreds of classes. One would run out of main memory, if they store uncompressed model parameters in main memory. One is interested in learning either a supervised model or find unsupervised patterns, but the data is distributed over multiple machines. Communication being the bottleneck, naive methods to adapt existing algorithms to such a distributed setting might perform extremely poorly. In all the above situations, a simple data mining / machine learning task has been made more complicated due to large scale of input data, output results or both. In this course, we discuss algorithmic techniques as well as software paradigms which allow one to develop scalable algorithms and systems for the common data science tasks.

ABOUT INSTRUCTOR :

Prof. Anirban Dasgupta is currently an Associate Professor of Computer Science & Engineering at IIT Gandhinagar. Prior to this, he was a Senior Scientist at Yahoo! Labs Sunnyvale. Prof. Anirban works on algorithmic problems for massive data sets, large scale machine learning, analysis of large social networks and randomized algorithms in general. He did his undergraduate studies at IIT Kharagpur and doctoral studies at Cornell University.

Prof. Sourangshu Bhattacharya is an Assistant Professor in the Department of Computer Science and Engineering, IIT Kharagpur. He was a Scientist at Yahoo! Labs from 2008 to 2013, where he was working on prediction of Click-through rates, Ad-targeting to customers, etc on the Rightmedia display ads exchange. He was a visiting scholar at the Helsinki University of Technology from January - May 2008.

COURSE PLAN :

Week 01 : Background: Introduction | Probability: Concentration inequalities | Linear algebra: PCA, SVD | Optimization: Basics, Convex, GD | Machine Learning: Supervised, generalization, feature learning, clustering.

Week 02 : Memory-efficient data structures: Hash functions, universal / perfect hash families | Bloom filters | Sketches for distinct count | Misra-Gries sketch | Statistical Mechanics an overview.

Week 03 : Memory-efficient data structures (contd.): Count Sketch, Count-Min Sketch | Approximate near neighbors search: Introduction, kd-trees etc | LSH families, MinHash for Jaccard, SimHash for L2.

Week 04 : Approximate near neighbors search: Extensions e.g. multi-probe, b-bit hashing. Data dependent variants | Randomized Numerical Linear Algebra Random projection.

Week 05 : Randomized Numerical Linear Algebra CUR Decomposition | Sparse RP, Subspace RP, Kitchen Sink.

Week 06 : Map-reduce and related paradigms Map reduce - Programming examples - (page rank, k-means, matrix multiplication) | Big data: computation goes to data. + Hadoop ecosystem.

Week 07 : Map-reduce and related paradigms (Contd.) Scale + Spark (1 hr) Distributed Machine Learning and Optimization: Introduction | SGD + Proof.

Week 08 : Distributed Machine Learning and Optimization: ADMM + applications | Clustering | Conclusion.

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

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

LIST OF STUDENTS ENROLLED

S.No	Roll.no	Name of the Student
1	16A31A05B0	Lanka Chandra Sekhar
2	16A31A0521	L.Jyothi Sravya Mangal Deep
3	16A31A0567	G.Udaya Naga Sravani
4	16A31A0563	Ch.Amrutha Sandhya
5	16A31A0586	P.Susmitha
6	16A31A0571	Sirisha Jalem
7	16A31B0526	Sv Rishitha
8	16A31A0562	Radhika Bikkina
9	16A31B0516	M V S P J L Gayatri Mahalakshmi
10	16A31B0510	K.KanakaPrabhasna
11	16A31B0527	S Anusha Chowdary
12	16A31B0518	N.Madhurya
13	16A31A0530	Th Vrn Dhana Lakshmi Likhitha
14	16A31A0560	Yash Kumar Jain
15	16A31A0506	Ch Sai Sruthi
16	16A31A0503	B Sasi Prabha
17	16A31A05C0	V Sumanth
18	16A31A0569	Injarapu Bharathi
19	16A31A0534	V Satya Sahithi

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20	16A31A0587	Rajitha Moka
21	16A31A0540	Adithya
22	16A31A0510	Gompa Sunitha
23	16A31A0546	M Rama Satya Narayana
24	16A31A0596	A V Sandeep Ramana Kumar
25	16A31A0580	Meenavalli Anila
26	16A31A0592	Shanjana Kumari Nayak
27	16A31A05A9	Prasanth
28	16A31A05B8	Teki Sai Kumar
29	16A31A0508	G Geethika
30	16A31A0594	V N S Veena Lakshmi Kumari
31	16A31A0554	R Vasu Ganesh
32	16A31A0579	Mansi Madda
33	16A31B0508	I Navya Lahari
34	16A31A0578	M.Sri Achala Devi
35	16A31A0519	K.Hyndhavi
36	16A31A0501	Sai Srihitha
37	16A31A0543	M V Sai Surya Narayan Raju
38	16A31A05B4	Bharath Kumar Penkey
39	16A31A0583	N Prathyusha
40	16A31A0547	M Sri Vamsi
41	16A31A0582	M Sai Anusha
42	16A31B0548	P Narasimha Murthy
43	16A31A0541	Mahesh Kumar Korukonda
44	16A31A0548	M Satya Siva Sai Teja
45	16A31A0538	B.Sai Krishna Naga Varma
46	16A31B0502	B Manasa
47	16A31A0518	K Lavanya
48	16A31A0509	Humpi Chowdary
49	16A31A0520	K Swetha
50	16A31A0573	K.Lakshmi Sivani
51	16A31A05B1	M.Mahaveer Rajiv Prakash
52	16A31A0552	Venkat Mani
53	16A31B0506	G. Angela

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
54	16A31A0575	Swarnitha.Koda
55	16A31A0556	Sri Bhanu Prakash Pedireddy
56	17A35A0502	Chinnam Appaji
57	16A31A0536	V Lashya
58	16A31A0526	S Geeta Veni Sireesha
59	16A31A0507	D .Lakshmi Manasa
60	16A31A0591	Sathi.Tejaswini
61	17A35A0504	R.Soniya Priya
62	16A31A0593	V Umadevi
63	16A31A0584	P Madura Meenakshi
64	16A31A0570	J L Satya Durga Kiranmayi
65	16A31A05A6	G Lokesh Kumar
66	16A31A0535	V.Hanikya
67	16A31A0557	T.Sandeepsudheereddy
68	16A31A0528	S Saranya
69	16A31A0522	M.Veera Sri Mounika
70	16A31A0551	N Veera Venkata Jeejnesh
71	16A31B0557	Pramod Harsha V
72	16A31B0503	Ch R V Srinidhi
73	16A31A0564	Ch Naga Laha Sri
74	16A31A0574	K Lakshmi Priya
75	16A31B0556	T.Chaitanya Sai
76	16A31A0588	R Uma Pavani
77	16A31A0512	G Bhagyasri
78	16A31A0581	M N Mani Sri Varsha
79	16A31A0568	G Gowthami
80	16A31A0572	J Savithri Sowmya
81	16A31B0540	K.Srinivasa Manohar
82	16A31A0517	K Bharani Ganga
83	16A31B0522	P Vijaya Sri
84	16A31B0555	Vinay Sunkara
85	16A31B0552	P PAVAN KUMAR
86	16A31B0534	B SRIRAM
87	16A31A0511	G SAI CHANDANA SIRISHA


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88	16A31B0525	J.SRI LAKSHMI KRANTHI
89	16A31A0550	N N R SAI SRI LAKSHMAN TARUN
90	16A31B0501	RAMA NUTHAN KUMARI.B
91	16A31A0596	N.SAI.TRIPURA PRAVALLIKA
92	16A31B0553	RAHUL KRISHNA Y
93	16A31B0549	P SRI VENKATA ASHOK VARMA
94	16A31B0542	M RAVI TEJA
95	16A31B0550	LOKESH P
96	16A31A0532	V.SAI KARTHIKA
97	16A31B0547	N VENKAT
98	16A31A0504	B.SRUTHI SAI NIRMALA


Coordinator


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Learning is Supreme Duty

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LIST OF STUDENTS CLEARED

S. No.	Roll No.	Name	Course Title	Result
1	16A31A0528	SIDDI SARANYA	scalable data science	Successfully completed
2	16A31A0522	MALLAVARAPU VEERA SRI MOUNIKA	scalable data science	Successfully completed
3	16A31A0551	NEMANI VEERA VENKATA JEEJNESH	scalable data science	Successfully completed
4	16A31B0557	PRAMOD HARSHA V	scalable data science	Successfully completed
5	16A31B0503	CH R V SRINIDHI	scalable data science	Successfully completed
6	16A31A0564	CHITTARU NAGA LATHA SRI	scalable data science	Successfully completed
7	16A31A0574	K LAKSHMI PRIYA	scalable data science	Successfully completed
8	16A31B0556	TADLCHAITANYA SAI	scalable data science	Elite
9	16A31A0588	RANKIREDDY UMA PAVANI	scalable data science	Successfully completed
10	16A31A0512	GUNDRAPU BHAGYASRI	scalable data science	Successfully completed
11	16A31A0581	MEKA NITYA MANI SRI VARSHA	scalable data science	Elite
12	16A31A0568	GUBBALA GOWTHAMI	scalable data science	Successfully completed
13	16A31A0572	JAYANTHI SAVITHRI SOWMYA	scalable data science	Elite
14	16A31B0540	K.SRINIVASA MANOHAR	scalable data science	Successfully completed
15	16A31A0517	KOLLA BHARANI GANGA	scalable data science	Elite

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16	16a31b0522	PALIVELA VIJAYA SRI	scalable data science	Successfully completed
17	16a31b0555	VINAY SUNKARA	scalable data science	Successfully completed
18	16A31B0552	POTHALA PAVAN KUMAR	scalable data science	Successfully completed
19	16A31B0534	BONAM SRIRAM	scalable data science	Successfully completed
20	16A31A0511	GORASA SAI CHANDANA SIRISHA	scalable data science	Elite
21	16a31b0525	J.SRI LAKSHMI KRANTHI	scalable data science	Successfully completed
22	16A31A0550	NANDURI NAGA RAMANA SAI SRI LAKSHMAN TARUN	scalable data science	Elite
23	16A31B0501	RAMA NUTHAN KUMARLB	scalable data science	Elite
24	16A31B0519	N.SAI.TRIPURA.PRAVALLIKA	scalable data science	Elite
25	16A31B0553	RAHUL KRISHNA YALAMANCHILI	scalable data science	Successfully completed
26	16A31B0549	PENMETSA SRI VENKATA ASHOK VARMA	scalable data science	Successfully completed
27	16A31B0542	M RAVI TEJA	scalable data science	Successfully completed
28	16A31B0550	LOKESH PEPAKAYALA	scalable data science	Successfully completed
29	16A31A0532	VADREVU.SAI KARTHIKA	scalable data science	Elite
30	16A31B0547	NURUKURTHI VENKAT	scalable data science	Successfully completed
31	16A31A0504	BURIDI, SRUTHI SAI NIRMALA	scalable data science	Successfully completed
32	16A31A05B0	LANKA CHANDRA SEKHAR	scalable data science	Successfully completed
33	16A31A0521	LINGAMJYOTHI SRAVYA MANGAL DEEP	scalable data science	Successfully completed
34	16A31A0567	GORLA UDAYA NAGA SRAVANI	scalable data science	Successfully completed
35	16A31A0563	CHAGANTLAMRUTHA SANDHYA	scalable data science	Elite
36	16A31A0586	PUPPALA SUSMITHA	scalable data science	Successfully completed
37	16A31A0571	SIRISHA JALEM	scalable data science	Elite
38	16a31b0526	SV RISHITHA	scalable data science	Successfully completed

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
39	16A31A0562	RADHIKA BIKKINA	scalable data science	Successfully completed
40	16A31B0516	MADDURI V S P J L GAYATRI MAHALAKSHMI	scalable data science	Successfully completed
41	16A31B0510	KARE.KANAKA PRABHASNA	scalable data science	Successfully completed
42	16A31B0527	SUREDDI ANUSHA CHOWDARY	scalable data science	Elite
43	16A31B0518	N.MADHURYA	scalable data science	Successfully completed
44	16A31A0530	THOTA VRN DHANA LAKSHMI LIKHITHA	scalable data science	Elite
45	16A31A0560	YASH KUMAR JAIN	scalable data science	Successfully completed
46	16A31A0506	CHODISETTY SAI SRUTHI	scalable data science	Successfully completed
47	16A31A0503	BAVIRISETTI SASIPRABHA	scalable data science	Successfully completed
48	16A31A05C0	V SUMANTH	scalable data science	Successfully completed
49	16A31A0569	INJARAPU BHARATHI	scalable data science	Successfully completed
50	16A31A0534	VEGESNA SATYA SAHITHI	scalable data science	Elite
51	16A31A0587	RAJITHA MOKA	scalable data science	Elite
52	16A31A0540	ADITHYA		Successfully completed
53	16A31A0510	GOMPA SUNITHA	scalable data science	Successfully completed
54	16A31A0546	MOTUKURI RAMA SATYANARAYANA	scalable data science	Successfully completed
55	16A31A0596	AMBATI VENKATA SANDEEP RAMANA KUMAR	scalable data science	Successfully completed
56	16A31A0580	MEENAVALI ANILA	scalable data science	Successfully completed
57	16A31A0592	SHANJANA KUMARI NAYAK	scalable data science	Successfully completed
58	16A31A05A9	PRASANTH	scalable data science	Successfully completed
59	16A31A05B8	TEKI SAI KUMAR	scalable data science	Successfully completed
60	16A31A0508	GANDRALA GEETHIKA	scalable data science	Elite
61	16A31A0594	V N S MEENA LAKSHMI KUMARI	scalable data science	Successfully completed



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62	16A31A0554	RAJANA VASU GANESH	scalable data science	Successfully completed
63	16A31A0579	MANSI MADDA	scalable data science	Successfully completed
64	16A31B0508	INUMARTHI NAVYA LAHARI	scalable data science	Successfully completed
65	16A31A0578	MADALI A SRI ACHALA DEVI	scalable data science	Successfully completed
66	16A31A0519	KONA.HYNDHAVI	scalable data science	Elite
67	16A31A0501	SAI SRIHITHA	scalable data science	Successfully completed
68	16A31A0543	MANTHINA VENKATA SAI SURYA NARAYAN RAJU	scalable data science	Elite
69	16A31A05B4	BHARATH KUMAR PENKEY	scalable data science	Successfully completed
70	16A31A0583	N PRATHYUSHA	scalable data science	Elite
71	16A31A0547	MUDDA SRI VAMSI	scalable data science	Successfully completed
72	16A31A0582	MIRTHIPATI SAI ANUSHA	scalable data science	Successfully completed
73	16A31B0548	PALIVELA NARASIMHA MURTHY	scalable data science	Successfully completed
74	16A31A0541	MAHESH KUMAR KORUKONDA	scalable data science	Successfully completed
75	16A31A0548	MUKKAVILLI SATYA SIVA SAI TEJA	scalable data science	Successfully completed
76	16A31A0538	BHUPATHIRAJU.SAI KRISHNA NAGA VARMA	scalable data science	Successfully completed
77	16A31B0502	BUDDI MANASA	scalable data science	Successfully completed
78	16A31A0518	KOMMIREDDY LAVANYA	scalable data science	Elite
79	16A31A0509	HUMPI CHOWDARY	scalable data science	Elite
80	16A31A0520	KUSUPUDI SWETHA	scalable data science	Successfully completed
81	16A31A0573	K. LAKSHMI SIVANI	scalable data science	Successfully completed
82	16A31A05B1	M. MAHAVEER RAJIV PRAKASH	scalable data science	Successfully completed
83	16A31A0552	VENKAT MANI	scalable data science	Successfully completed
84	16A31B0506	GANDEPALLI ANEELA	scalable data science	Successfully completed

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85	16A31A0575	SWARNITHA.KODA	scalable data science	Successfully completed
86	16A31A0556	SRI BHANU PRAKASH PEDDIREDDY	scalable data science	Successfully completed
87	17A35A0502	CHINNAM APPAJI	scalable data science	Successfully completed
88	16A31A0536	VOOTLA. LASHYA	scalable data science	Successfully completed
89	16A31A0526	SALADI GEETA VENI SIREESHA	scalable data science	Elite
90	16A31A0507	D.LAKSHMI MANASA	scalable data science	Elite
91	16A31A0591	SATHI.TEJASWINI	scalable data science	Successfully completed
92	17A35A0504	RAYUDU.SONIYA PRIYA	scalable data science	Successfully completed
93	16A31A0593	VASAMSETTI UMADEVI	scalable data science	Successfully completed
94	16A31A0584	PEDAGADI MADHURA MEENAKSHI	scalable data science	Successfully completed
95	16A31A0570	JILAGAM LAXMI SATYA DURGA KIRANMAYI	scalable data science	Successfully completed
96	16A31A05A6	GURRAM LOKESH KUMAR	scalable data science	Successfully completed
97	16A31A0535	V.HANIKYA	scalable data science	Successfully completed
98	16A31A0557	T.SANDEEPSUDHEERREDDY	scalable data science	Successfully completed


Coordinator


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Roll No: NPTEL18CS39511820003

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

108/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
LANKA CHANDRA SEKHAR
for successfully completing the course
Scalable Data Science
with a consolidated score of **45 %**

Online Assignments	12.29/25	Proctored Exam	32.4/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

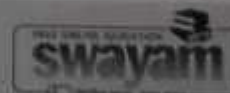
Total number of candidates certified in this course: 166

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS39511820003

To validate and check scores: <http://npTEL.ac.in/ncc>

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Roll No: NPTEL18CS39S21820080

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

204/389



No. of credits recommended by NPTEL: 2

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
NURUKURTHI VENKAT
for successfully completing the course
Scalable Data Science
with a consolidated score of **44 %**

Online Assignments	11.67/25	Proctored Exam	32.4/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

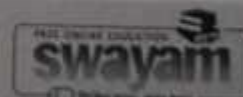
Total number of candidates certified in this course: 166

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS39S21820080

To validate and check scores: <http://npplab.iitk.ac.in/vcc>

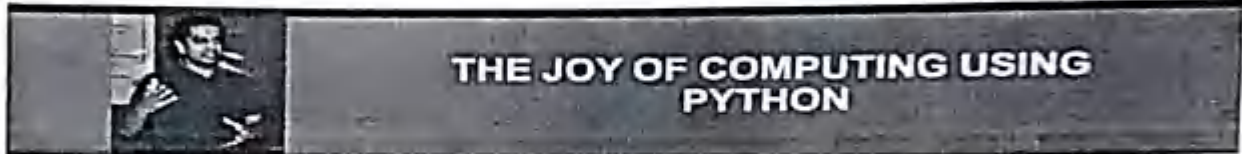
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-19 THE JOY OF COMPUTING USING PYTHON BROCHURE



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 Candles : 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: 08832 252211, 14 Website: www.pragati.ac.in

LIST OF STUDENTS ENROLLED

S.No	Roll.no	Name of the Student
1	16A31A05B0	LANKA CHANDRA SEKHAR
2	16A31A0521	LJYOTHI SRAVYA MANGAL DEEP
3	16A31A0567	G.UDAYA NAGA SRAVANI
4	16A31B0513	KETHINEEDI CHARISHMA
5	16A31A0511	G SAI CHANDANA SIRISHA
6	16A31B0553	RAHUL KRISHNA Y
7	16A31B0509	KAJA VIJETHA
8	17A31A0584	CHARISHMA DEVI PRATHIPATI
9	16A31B0516	M V S P J L GAYATRI MAHALAKSHMI
10	16A31B0510	K.KANAKA PRABHASNA
11	16A31B0527	S ANUSHA CHOWDARY
12	16A31B0518	N.MADHURYA
13	16A31A0530	TH VRN DHANA LAKSHMI LIKHITHA
14	16A31A0569	INJARAPU BHARATHI
15	16A31B0505	D S V THRYLOKYA
16	16A31A0503	B SASI PRABHA
17	16A31A05C0	V SUMANTH
18	16A31B0528	SUSARLA SAMYUKTA
19	16A31A0534	V SATYA SAHITHI

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

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	16A31B0513	KETHINEEDI CHARISHMA	The joy of computing using python	Elite
2	16A31B0505	D S V THRYLOKYA	The joy of computing using python	Elite+gold
3	16A31B0528	SUSARLA SAMYUKTA	The joy of computing using python	Elite
4	16A31B0509	KAJA VIJETHA	The joy of computing using python	Elite+gold
5	17A31A0584	CHARISHMA DEVI PRATHIPATI	The joy of computing using python	Elite

Coordinator

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Roll No: NPTEL18CS35S21990213

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

823/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 3



Elite
NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
D S V THRYLOKYA

for successfully completing the course

The Joy of Computing Using Python
with a consolidated score of **96 %**

Online Assignments	25/25	Proctored Exam	70.5/75
--------------------	-------	----------------	---------

A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Total number of candidates certified in this course: 4045

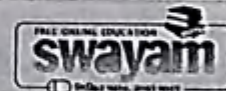
Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18CS35S21990213

To validate and check scores: <http://nptel.ac.in/noc>

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(AUTONOMOUS)

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



Roll No: NPTEL18CS35521990640

To
PRAGATI ENGINEERING COLLEGE
EAST GODAVARI

827/389



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
CHARISHMA DEVI PRATHIPATI

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **81 %**

Online Assignments	23.75/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 4045

A. Ramesh
Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18CS35521990640

To validate and check scores: <http://npTEL.ac.in/noc>

h

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Courses Computer Science and Engineering NDC:Blockchain Architecture Design and Use Cases (Video) Syllabus
Co-ordinated by: IT Kharagpur Available from: 2018-04-26 Lec:1

Modules / Lectures
View Video
MODULE 1
Lecture 01: Introduction to Blockchain App.-Milestone I (Basics)
Lecture 02: Introduction to Blockchain App.-Milestone II (History)
Lecture 03: Introduction to Blockchain App.-Milestone III (Architecture)
Lecture 04: Introduction to Blockchain App.-Milestone IV (Conceptualization)
Lecture 05: Basic Crypto Primitives App.-Milestone I
MODULE 2
MODULE 3
MODULE 4

Watch on YouTube Videos Assignments Download Videos Transcripts Books



W

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PROF. SANDIP CHAKRABORTY
Dept. of Computer Science and Engineering
IIT Kharagpur

Dr. PRAVEEN JAYACHANDRAN
Research Staff Member
IBM

Technical Partner **IBM**

TYPE OF COURSE : Seminar [Elective] UG/
INTENDED AUDIENCE : PG CSE, ECE, EE, Maths
INDUSTRIES APPLICABLE TO : IT Industries

COURSE DURATION : 12 weeks (29 Jul'19 - 18 Oct'19)
EXAM DATE : 17 Nov 2019

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, Blockchain and Big Data


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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	16A31A1211	Damalanka satya kalyani
2	16A31A1232	SIRIGINA MOUNIKA
3	16A31A1201	A NAGA KRISHNAVENI VARAHA LAKSHMI
4	16a31a1202	AGGITAKALYA MANASA
5	16A31A1203	ALLADA RASI DEEPIKA
6	16A31A1204	balabhadruni pranitha
7	16A31A1205	RAMYABANDARU
8	16A31A1206	Boda rajarajeswari
9	16a31a1207	Chikkala Lakshmi Sri Harshitha
10	16A31A1208	Chintakula Lakshmi sowjanya
11	16A31A1209	CHITIMIREDDY. VEERA GAYATHRI
12	16A31A1210	ROHINI PRAVALLIKA CHODISETTY
13	16A31A1212	DEVALLA BHUVANESWARI
14	16A31A1213	DUVVURI NAGA PRATYUSHA
15	16A31A1214	G.sai sravani sreeja
16	16A31A1215	KARA SUSHMA
17	16A31A1216	Karri Harika Rani
18	16A31A1217	khandavilli Nandini Devi
19	16A31A1218	KODE SAI SRAVANI
20	16A31A1219	M SAI SRILEKHA
21	16A31A1220	Manukonda.Sunayana Raj
22	16A31A1221	MOOTINA BHARGAVI AMULYA
23	16A31A1222	motipalli lakshmi sri lalitha
24	16a31a1223	nekkanti divya saine
25	16A31A1224	Pakalapati ramana manjusha
26	16A31A1225	palacharla priyanka
27	16A31A1226	PANTHAM Kavya sree
28	16A31A1227	alekhya puranam
29	16A31A1228	Raina Kumari Jain
30	16A31A1229	R.G.R.LAKSHMI
31	16A31A1230	SANAGAVARAPU KANAKA SAI POORNIMA
32	16A31A1231	shagufta hussain
33	16A31A1233	sushrusha vatsavayi
34	16A31A1234	Tanguturi subha lakshmi sai Meghana
35	16A31A1235	T Kusumitha
36	16A31A1236	Vankayalapati Mahitha Chowdary
37	16A31A1237	Vasamsetti Dharani
38	16A31A1238	Velumuri Amrutha

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39	16A31A1239	Vuppalapati vanitha
40	16A31A1240	YELURI JAHNAVI
41	16A31A1241	B.sriram
42	16A31A1242	CHOKKAPU KESAV RAGHU RAM
43	16A31A1243	DUNNA SREE VINEETH VENKATESH
44	16A31A1245	GRANDHI NIKHIL GUPTA
45	16A31A1246	GRANDHI . RAMAKRISHNA AJAY
46	16A31A1247	G v sai Nagendra
47	16A31A1248	G K Durga Prasad
48	16A31A1250	KANDA SATYA SAI VENKATA YASHWANTH
49	16A31A1251	K Rajesh
50	16A31A1252	KESEPATTAPU NIKHIL
51	16A31A1253	mannem sai rangenath
52	16A31A1254	NANDAM SAI SRI HARSHA
53	16a31a1255	rambabu
54	16A31A1256	PASALAPUDI VEERA MANI SAI GANANATH
55	16A31A1257	POTHULA VENKATA VINAY
56	16A31A1258	rajana uma sankar
57	16A31A1259	Shaik hafeez
58	16A31A1260	VANGA KUMARA VEERAVENKTA SATYA KANTH

LIST OF STUDENTS CLEARED

S.No.	Student Roll No.	Name of the Student	Course Title	Result Status
1	16A31A1215	Kara Sushma	Block chain architecture design and use cases	Successfully completed
2	16A31A1216	Karri Harika Rani	Block chain architecture design and use cases	Successfully completed
3	16A31A1232	SiriginaMounika	Block chain architecture design and use cases	Successfully completed
4	16A31A1223	NekkantiDivyaSaine	Block chain architecture design and use cases	Successfully completed
5	16A31A1203	AlladaRasiDeepika	Block chain architecture design and use cases	Successfully completed
6	16A31A1212	DevallaBhuvaneswari	Block chain architecture design and use cases	Successfully completed
7	16A31A1251	K Rajesh	Block chain architecture design and use cases	Successfully completed
8	16A31A1217	KhandavilliNandini Devi	Block chain architecture design and use cases	Successfully completed

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9	16A31A1205	Ramyabandaru	Block chain architecture design and use cases	Successfully completed
10	16A31A1235	T Kusumitha	Block chain architecture design and use cases	Successfully completed
11	16A31A1209	ChVeeraGayathri	Block chain architecture design and use cases	Successfully completed
12	16A31A1206	BodaRajarajeswari	Block chain architecture design and use cases	Successfully completed
13	16A31A1237	VasamsettiDharani	Block chain architecture design and use cases	Successfully completed
14	16A31A1238	VelumuriAmrutha	Block chain architecture design and use cases	Successfully completed
15	16A31A1222	M Lakshmi Sri Lalitha	Block chain architecture design and use cases	Successfully completed
16	16A31A1240	YeluriJahnavi	Block chain architecture design and use cases	Successfully completed
17	16A31A1221	M BhargaviAmulya	Block chain architecture design and use cases	Successfully completed
18	16A31A1239	VuppalapatiVanitha	Block chain architecture design and use cases	Successfully completed
19	16A31A1202	AggitakalyaManasa	Block chain architecture design and use cases	Successfully completed
20	16A31A1230	S Kanaka SaiPoornima	Block chain architecture design and use cases	Successfully completed
21	16A31A1250	Kanda S S V Yashwanth	Block chain architecture design and use cases	Successfully completed
22	16A31A1207	Ch L Sri Harshitha	Block chain architecture design and use cases	Successfully completed
23	16A31A1227	Alekhyapuranam	Block chain architecture design and use cases	Successfully completed
24	16A31A1211	DamalankaSatyaKalyani	Block chain architecture design and use cases	Successfully completed
25	16A31A1228	Raina Kumari Jain	Block chain architecture design and use cases	Successfully completed
26	16A31A1210	RohiniPravallikaCh	Block chain architecture design and use cases	Successfully completed
27	16A31A1226	PanthamKavyaSree	Block chain architecture design and use cases	Successfully completed
28	16A31A1201	A N K Varaha Lakshmi	Block chain architecture design and use cases	Successfully completed
29	16A31A1257	P VenkataVinay	Block chain architecture design and use cases	Successfully completed
30	16A31A1252	Kesepattapu Nikhil	Block chain architecture design and use cases	Successfully completed
31	16A31A1260	V Kumara V SatyaKanth	Block chain architecture design and use cases	Successfully completed

W

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

32	16A31A1246	G Ramakrishna Ajay	Block chain architecture design and use cases	Successfully completed
33	16A31A1243	D Sree V Venkatesh	Block chain architecture design and use cases	Successfully completed
34	16A31A1229	R.G.R.Lakshmi	Block chain architecture design and use cases	Successfully completed
35	16A31A1233	Sushrusha Vatsavayi	Block chain architecture design and use cases	Successfully completed
36	16A31A1258	Rajana Uma Sankar	Block chain architecture design and use cases	Successfully completed
37	16A31A1220	M.Sunayana Raj	Block chain architecture design and use cases	Successfully completed


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NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

KARA SUSHMA

for successfully completing the course

Blockchain Architecture Design and Use Cases

with a consolidated score of **40 %**

Online Assignments	22.34/25	Proctored Exam	18.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1323**

July - Oct 2018
(12 week course)

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

A. G. Goswami

Prof. Adrijit Goswami

Dean
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL18CS47S11890091

To validate and check scores: <http://nptel.co.in/noa>



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

KARRI HARIKA RANI


for successfully completing the course

Blockchain Architecture Design and Use Cases

with a consolidated score of **40 %**

Online Assignments	22.66/25	Proctored Exam	16.85/75
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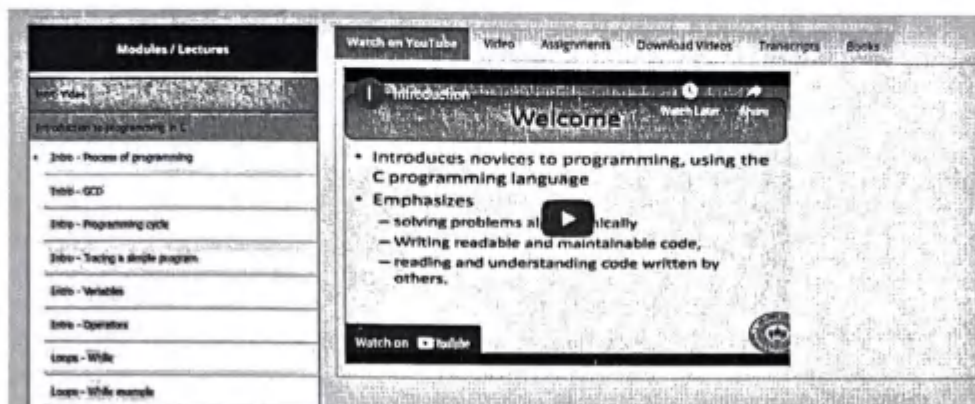
Total number of candidates certified in this course: **1323**


Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

July - Oct 2018
(12 week course)


Prof. Aditya Goyal
Head
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur



ABOUT INSTRUCTOR:

Prof. Satyadev Nandakumar is an Assistant Professor at the Department of Computer Science & Engineering, IIT Kanpur. He is specialized in Computable Analysis, Algorithmic Information Theory, Symbolic Dynamics. His research interests lie in the areas of:

- * Algorithmic Information Theory, Kolmogorov complexity, and effective fractal dimension.
- * Effective symbolic measure-theoretic and topological dynamical systems.
- * Normal numbers, continued fractions, finite-state dimension.
- * Computability and complexity in analysis.
- * Computational complexity theory, pseudorandomness.

COURSE PLAN:

- Week 01 :** Introduction, Straight-Line Code, Variables, Operators, Expressions and Conditionals.
- Week 02 :** Loops.
- Week 03 :** Functions.
- Week 04 :** One-Dimensional Arrays and Pointers.
- Week 05 :** Recursion.
- Week 06 :** Multi-dimensional Arrays, Linked Lists.
- Week 07 :** Operating on Files.
- Week 08 :** Organizing C projects, working with multiple source directories, makefiles.

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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	17A31A1209	JANAMANCHI PRATHYUSHA
2	17A31A1211	K.prema sindhu
3	17A31A1213	Virajitha Mandipudi
4	17A31A1222	TEJASWI NIMMALAPUDI
5	17A31A1226	peddisetti jayasri
6	17A31A1230	Sri sai yashwitha sajja
7	17A31A1231	S.Geethika sai lakshmi
8	17A31A1236	Varadhi.deva manojna
9	18A31A1237	raja ravindra teki
10	18A31A1235	Somisetty Bala Kumara Vignesh
11	18A31A1252	s dileep

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1222	TejaswiNimmalapudi	Introduction to Programming in C	Successfully completed
2	17A31A1231	S GeethikaSai Lakshmi	Introduction to Programming in C	Successfully completed
3	17A31A1209	JanamanchiPrathyusha	Introduction to Programming in C	Successfully completed
4	17A31A1226	PeddisettiJayasri	Introduction to Programming in C	Successfully completed
5	17A31A1236	Varadhi Deva Manojna	Introduction to Programming in C	Successfully completed

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NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
TEJASWI NIMMALAPUDI

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **40 %**

Online Assignments	20.75/25	Proctored Exam	19.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3925**

V Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Aug-Oct 2018
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

S.GEETHIKA SAI LAKSHMI

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **42 %**

Online Assignments	22.25/25	Proctored Exam	19.5/75
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Total number of candidates certified in this course: **3925**

Prof. T. V. Prabhakar
Chairman

Center for Continuing Education, IITK

Aug-Oct 2018
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
80B ROAD, SURAMPALAI
1-378, ADB ROAD, SURAMPALAI
Near Peddapuram, C.G.D. (AP)-523 437



Indian Institute of Technology Kanpur

SWAYAM

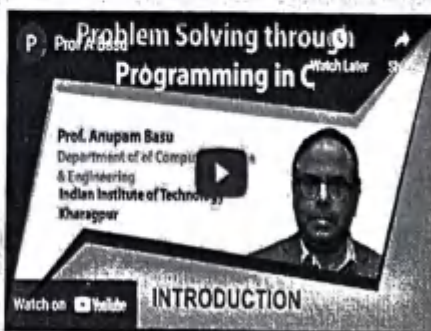
Course Name: Problem solving through Programming In C

About Course

Certificate Type

Toppers list

Statistics



Course abstract

This course is aimed at enabling the students to • formulate simple algorithms for arithmetic and logical problems • translate the algorithms to programs (in C language) • test and execute the programs and correct syntax and logical errors • implement conditional branching, iteration and recursion • decompose a problem into functions and synthesize a complete program using divide and conquer approach • use arrays, pointers and structures to formulate algorithms and programs • apply programming to solve matrix addition and multiplication problems and searching and sorting problems • apply programming to solve simple numerical method problems, namely root finding of function, differentiation of function and simple

Course Duration : Jan-Apr 2019

View Course

Syllabus

Enrollment : 15-Nov-2018 to 28-Jan-2019

Exam registration : 28-Jan-2019 to 19-Apr-2019

Exam Date : 27-Apr-2019

PRINCIPAL

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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



PROBLEM SOLVING THROUGH PROGRAMMING IN C

PROF. ANUPAM BASU
Department of Computer Science and Engineering
IIT Kharagpur

INTENDED AUDIENCE : BE/BTech. In all disciplines BCA/MCA/M, Sc.
INDUSTRIES APPLICABLE TO : All IT Industries

COURSE OUTLINE : This course is aimed at enabling the students to

- Formulate simple algorithms for arithmetic and logical problems
- Translate the algorithms to programs (in C language)
- Test and execute the programs and correct syntax and logical errors
- Implement conditional branching, iteration and recursion
- Decompose a problem into functions and synthesize a complete program using divide and conquer approach
- Use arrays, pointers and structures to formulate algorithms and programs
- Apply programming to solve matrix addition and multiplication problems and searching and sorting problems
- Apply programming to solve simple numerical method problems, namely root finding of function, differentiation of function and simple integration


ABOUT INSTRUCTOR :

Prof. Anupam Basu is Professor in the Dept. of Computer Science Engineering, IIT Kharagpur, and has been an active researcher in the areas of Cognitive and Intelligent Systems, Embedded Systems and Language Processing. Presently he is acting as the Chairman and Head of the Center for Educational Technology, IIT Kharagpur. He has developed several embedded system based tools empowering the physically challenged and has led several national projects in the area. He has taught at the University of California, Irvine at the Center for Embedded Systems. He is an Alexander von Humboldt Fellow and a Fellow of the Indian National Academy of Engineering. The awards won by him include the State Award for the Best Contribution to the Cause of Empowerment of the Disabled (2014), Universal Design Award 2011, for contributions in design for the disabled, by National Council for Promotion of Employment of Disabled Persons, India, the National Award for the Best Technology Innovation for the Physically Disabled (2007) and the De-Vinci Award 2004 from the Engineering Society of Detroit.

COURSE PLAN :

- Week 1: Introduction to Problem Solving through programs, Flowcharts/Pseudo codes, the compilation process, Syntax and Semantic errors, Variables and Data Types
- Week 2: Arithmetic expressions, Relational Operations, Logical expressions; Introduction to Conditional Branching
- Week 3: Conditional Branching and Iterative Loops
- Week 4: Arranging things: Arrays
- Week 5: 2-D arrays, Character Arrays and Strings
- Week 6: Basic Algorithms including Numerical Algorithms
- Week 7: Functions and Parameter Passing by Value
- Week 8: Passing Arrays to Functions, Call by Reference
- Week 9: Recursion
- Week 10: Structures and Pointers
- Week 11: Self-Referential Structures and Introduction to Lists
- Week 12: Advanced Topics

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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 PARTICIPATED

S.No	Roll No.	Name of the Student
1	17A31A1228	Preksha jain
2	17A31A1212	Kota Pavana Supriya
3	17A31A1233	Tadi Sushma Reddy
4	17A31A1244	ChirukuriNagaVitesh

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1244	Chirukuri Naga Vitesh	Problem Solving through Programming in C	Successfully completed
2	17A31A1228	Preksha Jain	Problem Solving through Programming in C	Successfully completed
3	17A31A1212	Kota PavanaSupriya	Problem Solving through Programming in C	Successfully completed


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(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
CHIRUKURINAGAVITESH

for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **40 %**

Online Assignments	7.63/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **4083**

A. Goswami

Prof. Adrijit Goswami

Dean

Continuing Education, IIT Kharagpur



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
C-10000, Kharagpur
E-6, Pin-751005, India



Indian Institute of Technology Kharagpur





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

PREKSHA JAIN

for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **51 %**

Online Assignments	16.88/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **4083**

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ABO ROAD, SUPANPALEM
Near Peddabattur, E.D. Dt. (AP)-533 497

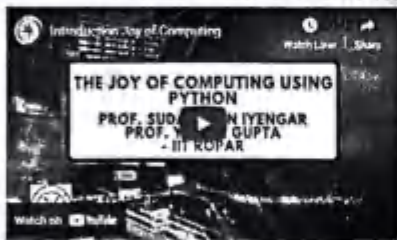


Indian Institute of Technology Kharagpur



Course Name: Joy of computing using Python

View Course Certificate Type Topics Rec Schedule



Course abstract

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 humorous 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.

Course Duration: Jan-Apr 2018

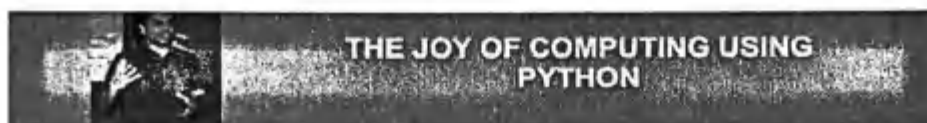
View Course

Syllabus

Enrollment: 15-Jan-2018 to 29-Feb-2018

Exam registration: 26-Jan-2018 to 19-Apr-2018

Exam Date: 28-Apr-2018



PROF. SUDARSHAN IYENGAR
Department of Computer Science and Engineering
IIT Roper

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 humorous 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 Roper 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 Candles: Crowd to the rescue
- Birthday Paradox: Find your twin
- Google Translate: Speak in any Language
- Currency Converter: Count your foreign trip expenses
- Morse Hall: 3 doors and a bell
- 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.


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PRAGATI ENGINEERING COLLEGE

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

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

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	17A31A1235	T.B.N.L.KEERTHANA
2	17A31A1201	Allu. Jaswanthi
3	17A31A1206	Amrutha Sai E
4	17A31A1207	Meghana Gurani
5	17A31A1214	Manyam Monika
6	17A31A1237	Teja Sruthi
7	17A31A1239	madhav adabala
8	17A31A1254	Sunkara sivaramakrishna

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	17A31A1207	MeghanaGurani	The Joy of Computing using Python	ELITE
2	17A31A1237	TejaSruthi	The Joy of Computing using Python	Topper of 1% in this course
3	17A31A1206	AmruthaSai E	The Joy of Computing using Python	ELITE With Gold
4	17A31A1235	T B N L Keerthana	The Joy of Computing using Python	ELITE
5	17A31A1254	SunkaraSivaramakrishna	The Joy of Computing using Python	ELITE
6	17A31A1214	Manyam Monika	The Joy of Computing using Python	ELITE
7	17A31A1239	MadhavaSaiAdabala	The Joy of Computing using Python	Successfully completed

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



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

MEGHANA GURANI

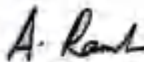
for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **75 %**

Online Assignments	20.5/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **4045**


Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



PRAGATI ENGINEERING COLLEGE
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1-378, ADR ROAD, CHENNAI
TAMIL NADU 600 034
MOB: 9840900000



Elite

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(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ALLU. JASWANTHI

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **84 %**

Online Assignments	20.75/25	Proctored Exam	63/75
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Total number of candidates certified in this course: **4045**

Prof. A. Ramesh

Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangara

NPTEL Coordinator
IIT Madras

PRAGATI ENGINEERING COLLEGE
VADAPATTI
1-1776, MOBILE: 984011531437
Near Vaidanapuram, Coimbatore-641015