A FOUR-WEEK VALUE ABOYU.

ON INTRODUCTION TO MATLAB FOR ENGINEERING STUDENTS

PRGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

Address:

Mobile Number:

B-mail:

Place:

Date:

Signature of the applicant

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

ORGANISING COMMITTEE

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:79531674 E-mail: hodece@pragati.ac.in

RRAGATI EVGINEERING COLLEGE

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



A FOUR-WEEK VALUE ADDED
PROGRAM
ON
INTRODUCTION TO MATLAB
FOR ENGINEERING STEDENTS

(December 12th to March 24th 2018)



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

Charles High princips

Pragati Engineering College (Autonomous) is established in the year 2001, by M/S Gayatri Educational Society in Surampalem, F. G. Dist, A.P. The Institution is accredited by NAAC with A grade in the year 2015 and attained the Apronomous 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 Evcellence [Knowledge Exchange Center] by MS Infosys Ltd. College strained for AAA rating for the year 2020 by Careers 380 and has been ranked one among the top 10 colleges in A.P. by Silicon India, Three Departments of ME, CSE and ECE are recegnized as Research Centres. The institution stood 21 Position and also considered as active heat chapter by SWAYAM-NPTEL.

PRAGATIENGINEERING COLLEGE focuses on imparting skills on cutting—edge technologies and shaping the students into a iplaned young eitherns of good character and lass 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 interestive insight into the engineering there are a call or 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.

Almot the Department

The department of EFE 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.

Richard Property Comments of the Property Comm

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

Lighter Kilming

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

Place 4 of 47 months

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



(Autonomous)

ADII Road Surampalem I G Dr. A.P. (11141)
Approved by Alt T. Permanents. Affiliated to INTUK. Kakmada Accredited by NAAC with: A. Grade)
(Recognifed by Dist. Under Sections 21ft and 12 (B) of Utol. a.s. 1956)
Ph. 08855 (25231), 34. Website, www.pragam.ac.in.

Department of Electrical and Electronics Engineering

Date: 29/11/2017

CIRCULAR

It is hereby informed to all the students of Electrical and Electronics Engineering that "A Four-Week Value added Program on Introduction to MATLAB for Engineering Students" is going to be conducted from 02/12/2017 to 24/03/2018. All the interested students are requested to register their names in the department office on or before 01/12/2017. The details of the program will be available in the brochure.

Venue: Room No: F-1-(First floor), Main block

AND THE PRINCE HOD-EEE

Copy to:

Principal Office

All Dept HOD's

Dept Notice Board

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The maximum of the Mr. 11. Website present at its

Date: 01/12/2017

Week/Day-wise Schedule

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

S.No	Day	Date	Topics to be covered
1.	Saturday	02/12/2017	MATLAB desktop
2.	Friday	08/12/2017	Desktop tools
•3.	Saturday	09/12/2017	Basic Plotting
4.	Friday	15/12/2017	Animations
5.	Friday	22/12/2017	Working with matrices
6.	Saturday	23/12/2017	Array operations and linear equations
7.	Friday	29/12/2017	Introduction to Programming in MATLAB
8.	Saturday	30/12/2017	Excercises
9.	Friday	05/01/2018	M file scripts
10.	Saturday	06/01/2018	M-file functions
11.	Friday	12/01/2018	Input/output commands
12.	Saturday	27/01/2018	Excercises
13.	Friday	02/02/2018	Control flow and operations
14.	Saturday	03/02/2018	Relational and logical operators
15	Friday	09/02/2018	Operator precedence
16	Saturday	10/02/2018	Saving output to a file
17	Friday	16/02/2018	Excercises
8	Saturday	17/02/2018	Debugging M files
9	Friday	23/02/2018	Debugging Process
20	Saturday	24/02/2018	Preparing for debugging
i.	Friday	02/03/2018	Setting breakpoints
22	Saturday	03/03/2018	Running with breprografi ENGINEERING C (AUTONOMOUS)

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23	Friday	09/03/2018	Examining values	
24	Saturday	10/03/2018	Correcting and ending debugging	
25	Friday	16/03/2018	Ending debugging	-
-26	Saturday	17/03/2018	Correcting an M-file	
27	Friday	23/03/2018	Correcting an M-file	
28	Saturday	24/03/2018	Conclusion	

Son

Program Coordinator

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE

	A	CADEMIC YEAR ; 2017-2018 / II SEMESTER	
		Dr.G.Naresh	
		III YEAR - A SECTION	
S.No.	Roll No.	Student Name	Signature
1	15A31A0201	ADARI SRI MOUNIKA	Srimounite
2	15A31A0202	ADDEPALLI ANALA	Anala
3	15A31A0203	ARDANI HARSHITA	barrhita
4	15A31A0204	CHILAKAMARRI SREE ANDAL VYSHNAVI	Vyshnavi
5	15A31A0205	GOLLAPALLI RUCHITHA POONAM	poonam
6	15A31A0224	DVIBHASHYAM SRINIVASA SEETHARAMA DATTU	Dottu
7	15A31A0225	G BHAGAVAN SRI SAI KUMAR	(ri Sai tural
8	15A31A0226	HANUMANTHU SASICHARAN	(ali charan
9	15A31A0227	ITA SAI PRITHVI KRISHNA	Krishna
10	15A31A0228	KAKARAPALLI SUNIL	3Unil
11	15A31A0229	KANCHARLA SAI DEVESH	Sai pevesh
12	15A31A0237	KURAKULA GANGADHAR	Gangadha
13	15A31A0238	MAGAPU GANESH	ganeth
14	15A31A0239	MALIREDDY SURYACHAKRABABU	Burga
15	15A31A0240	MARRI VEERA MANIKYA SWAMY	Swamy
16	15A31A0241	MOKA PRASANTH KUMAR	Kumal
17	15A31A0242	PINAPATHRUNI VENKATA PRASAD	Vonkata Pray
18	15A31A0243	POLINATI JOHN KENNEDY	Kennedy
19	15A31A0244	PURAMSETTI SWAMY	Swamy
20	16A35A0202	SURAMPUDI CHANDRAREKHA	Elandra rett
21	16A35A0203	AARIPAKA SIVA VINAY BHASKAR	Bharkal.
22	16A35A0204	JEEVAN KUMAR PALAKOLLU	TK. Palakelly
23	16A35A0205	KHWAZA JALAL MOIEN UDDIN MOHAMMED	ki Moien.
		III YEAR - B SECTION	3
24	15A31A0270	SARVASUDDI ANITHA	3-Anithe
25	15A31A0271	SHAIK KULSUM	S. kulaum
26	15A31A0272	TEEGALA PRASANNA LAKSHMI	Dratahra
27	15A31A0273	TUMMALAPALLI CHANDANA	Tichandre

UNDAPALLI RAMYAJYOTHI

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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

29	15A31A0275	V SATYA DEVI	V. salya
30	15A31A0276	ALLA VIJAY KUMAR	A. Viray
31	15A31A0296	NANDIKA SUBHASH CHANDRA BOSE BABU	N. Subtan
32	15A31A0297	PASILI SRINIVAS	D. Crinival
33	15A31A0298	PATNALA SATYA SESHA ANAND	p. Saty
34	15A31A0299	PENTAPATI DEEPAK	V
35	15A31A02A0	PULIGA PRASANNA KUMAR	p. Decpak.
36	15A31A02A1	REDNAM SIVA NARAYANA RAO	p. palanna
37	15A31A02A2	S S SITA RAM KUMAR RAJU ADDURI	S. Sita Par
38	15A31A02A3	SANGADI KAMESH	
39	15A31A02A8	THONANGI ABHISHEK	T. Abhishe
40	15A31A02A9	VAMSI KRISHNA MORUKURTHI	V. Krishna
41	15A31A02B0	VIJJANA VEERENDRA	
42	16A35A0211	GANJA REKHA DEVI	v. Velleerd
43	16A35A0212	MADDALA SRIDEVI	G. Retha M. Sri dusi

Add on course Coordinator

HOD-EER

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PRAGAT SWGINEERING COLLEGE (ALE SURAMPALEM

ACADEMIC YEAR: 2017-2018 / II SEMESTER

BEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

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ADD ON COURSE	Intenduction to XXX T1 Att the Contained in Students	

	HIYEAR	- A & B SECTION	1	2	3	4	5	5	7	5	9	10	11	12	13	14	15	35.	17	18	19	20	21	22	23	74	75	26	27	28
No.	Roll No:	Student Name	2/2	11.	19	olo	alti.	ala.	-Jrs	10/10	15	16	dir		2/1	2/5	2/9	2/10	al.W	_		-	3/2			_			762	
1	15A31A020J	ADARI SRI MOUNIKA	A	P	7	1	10	11	P	F	1	1	D	1	F	P	70	P	1	F	P	P	15	P	6	10	-	P	a	P
2	15A31A0202	ADDEPALLI ANALA	m	P	p	A	P	Á	p	F	Þ	,0	P	P	1	P	D	P	É	Þ	Ē	P	194	P	K	18	-	1	A	b
3	T5A3140203	ARDANI BARSHITA	D	jil.	F	6	F	P	Б	j=	is	7	P	F	1	P	P	r	F	7	7	9	10	P		2	-	É	-	1
á	15A31A0204	CHILAKAMARRI SREE ANDAL.	r	P	P	P	0	h	P	F	p	P	P	2	P	P	P	o.	P	P	P	10	P	P	7	P	P	P	P	P
5	15A31A0205	GOLLAFALLI RUCHITHA FOONAM	P	r	P	1	F	P	p	P	P	P	P	P	p	12	P	P	P	P	7	P	F	F	2	8	£	-	Ħ	P
b	1543(40224	DVIBIIASHYAM SRINIVASA SEETHARAMA DATTU	P	10	10	p	P	F	p	p	p	p	p	p	P	P	P	P	P	P	7	70	px	į.	P	P	P	b	?	P
1	15A31A0225	U BHAGAVÁN SRI SAI KUMAR	F	P	71	7:	F	p	1	A	P	P	1/2	F	p	1	P	p.	P	P	b	1	2	P	1	2	e	D	b	5
8	15A31A0226	HANUMANTHU SASICHARAN	P	F	P	P	P	p	12	Þ	7	P	F	P	p	p	1	P	a	0	F	E	P	ê	F	D	5	E	F	-
9	15A31A0227	ITA SALPRITTIVI KRISHNA	P	p	P	P	F	P	15	F	P	7	p	P	P	Þ	p	Þ	P.	P	P	F	D	7	t	F	•	E	D	B
10	[5A31A0228	KAKABAPALLI SUNIL	P	P	Þ	P	T	ħ	F	\mathcal{F}	pi	P	P	r	P	1	F	b	T.E.	B	P	E	p	D		A	3	12	-	5
11	15A31A0229	RANCHARLA SALDEVESH	P	P	P	P	F	+	P	7	b	þ	F	12	71	0	P	Þ	F	P		6	P	F	2	P	p	140	è	-
12	15431A0237	KURAKULA GANGADHAR	P	P	10	P	P	P	P	P	14	P	Þ	P	2	Þ	P	D	10	1	P	b	F	7	P	A	Z	Œ	F	7
13	15A31A0238	MAGAPII GANESH	P	1	D	P	7	TP	P	9	j.	7	12	35	D	P	F	2	P	9	D	ti	P		-	r.	E	10	P	£
14	15A3) A0239	MALIREDDY SURVACHARRADABI	P	P	P	P	F	P	P	1	P	P	P	P	P	F	P	p	P	P	P	P	F	F	÷	F	P	P	12	D
15	15A31A0240	MARRI VEERA MANIKYA SWAMY	9	ř	P	P	F	P	F	j	F	P	1	P	p	F	F	p	a	1	13	10	P	7	F	P	P	B	P	Ī
16	I5A31A0241	MOKA PRASANTH GUMAIL	1	F	P	P	7	7	P	P	F	P	7	7	P	7	P	1	P	F	10	P	E	8	E	D	3	0	P	P
17	15A31A0242	PRASAD	ħ	1	1	P	7	P	P	P	Ī	F	7	1	P	7	F	F	F	P	E	p	p	Ŧ	Þ	F	P	F	p	P
18	I5A31A0243	POLINATIJOHN KENNEDY	14	RE	P	P	7	P	1=	P	P	P	15	P	P	P	P	10	P	P	P	P	F	F	12	2	P		E	P
19	15A31A0244	PURAMSETTI SWAMY	1	I.P	19	P	1	T	F	P	F	F	P	. 7	p	P	P	- 10	p	p	p	p	F	9	B	F	뉳	0	To	85
.20	16A35A0202	SURAMPUDI CHANDRAREKHA	F	P	ju	P	P	P	P	Ť	1	P	P	P	P	P	P	P	P	P	P	P	F	В	32.	B	F	7	P	P
21	16A35A0Z03	AARIPAKA BIVA VINAV BHASKAR	f	17	P	P	F	1	P	1	1	1	1	F	f	P	4	P	p	r	P		7	P	P	P	Þ	P	P	F
22	16A35A0204	JEEVAN KUMAR PALAROLLU	1	1	F	P	P	10	P	1 1	T	r	. +	P	P	P	P	P	P	P	P	P	0	E	P	5	얽	20	F	F
23	16A35A0205	KHWAZA JALAL MOIEN UDDIN MOHAMMED	T	T	7	y	9	P	P	P	1	P	7	t	P	P	B	P	à	1	P	P	P	P	P	A	F	P	7	À
24	15A31A0279	SARVASUDDI ANITHA	F	P	1	7	F	P	f	F	1	F	1	P	1	P	7	P	P	7	1	do	. E.	780		111		F	D)	E
25	15A31A0271	BRAIK KULSUM	þ	P	P	P	7	P	17	F	F	P	P	1	7	P	P	F	1.7	P	1	t	AG.	14.4	AUT				OF	FG

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	/ III YEAR	A & BSECTION	1	7	3	. 1		16	7	8	9.	10	11	12	13	14	35	16	_7	18	19	275	31	-22	-23	24	25	26	27	28
S.No.	Roll No.	Student Name														,	42										-0			
26	15431A0272	TEEGALA PRASANNA LAKSHMI	+	1	P	1	7	1	1	1	P	p	F	7	P	P	P	P	P	P	F	P	7	t	P	F	2	7	P	7
27	15A31A0273	TUMMALAPALLI CHANDANA	P	P	P	P	F	P	P	P	P	P	P	P	a	P	P	Þ	P	P	1	7	P	7	P	D	7	P	P	P
28	15A31 A0274	UNDAPALLU RAMY AJVOTHI	F	P	1	7	P	P	P	P	p	p	*	Þ	1	P	P	7	P	P	7	P	P	P	F	P	F	P	F	P
29	15A31A0275	V SATYA DEVI	P	P	P	7	P	F	þ	P	7	T	P	P	P	10	P	P	F	P	7	P	P	P	F	P	-	P	P	P
30	1543140276	ALLA YIJAY KUMAR	P	P	P	7	b	D	D	p	P	7	P	13	F	P	P	P	P	10	P	P	P	P	1	P	P	r	7	P
31	1543/40296	NANDIKA SUBHASH CHANDRA BOSE BABU	P	P	P	P	P	P	7	P	7	P	P	P	7	P	P	P	P	P	7	P	P	P	P	Þ	р	F	3	b
32	1543140297	FASILI SRINIVAS	P	P	p	P	p	P	P	P	P	P	P	P	P	1	P	P	P	P	P	32	P	P	7	P	7	ä.	P	P
33	15A31A0298	PATNALA SATYA SESHA ANAND	P	P	P	7	P	P	P	F	P	P	P	P	7	p	P	P	P	P	P	to.	P	7	0	P	P	A	争	7
34	15A31A0299	PENTAPATI DEEPAK	P	P	p	D	p	P	F	p	P	P	P	P	0	1	P	P	P	P	P	b	P	F	\$	7	7	F	E	9
35	15A31A02A0	PULIGA PRASANNA KUMAR	P	P	P	P	1	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	7	2	7	7
36	15A31A02A1	REDNAM SIVA NARAYANA RAO	P	P	P	1	P	P	P	7	P	P	P	7	P	7	0-	P	P	P	9	p	P	P	2	2	ì	2	E	ř
37	15A31A02A2	S S SITA RAM KUMAR RAJU ADDURI	P	P	P	P	P	P	P	P	P	P	P	7	p	P	P	P	P	P	p	P	P	P	2)	P	P	F	F	P
38	15A31A02A3	SANGADI KAMESH	P	P	P	F	7	7	P	7	P	P	P	B	B	*	P	P	P	P	25	P	7	P	7	P	7	-	7	P
39	15A31A02A8	THONANGI ABHISHEK	7	p	7	P	P	7	P	P	Þ	P	P	P	P	P	P	P	1	P	P	P	7	7	Þ	*	P	3	P	4
+0	15A31A02A9	VAMSI KRISHNA MORUKURTHI	7	P	P	10	1	P	P	P	P	P	P	7	P	P	1	P	7	P	P	F	a	7	P	P	P	p	D	P
41	15A31A02B0	VIJIANA VEERENDRA	P	P	P	P	P	P	P	P	P	1	P	1	P	P	P	P	P	P	P	P	Pi	pte !	7	A	1	3	8	P
42	16A35A0211	GANJA REKHA DEVI	P	75	P	P	P	P	P	P	P	P	P	P	P	P	7	P	P	P	P	D	P	P	P	P	100	7	P	2
13	16A35A0212	MADDALA SRIDEVI	10	P	P	1	p	r	F	P	7	1-	P	7	P	P	F	P	7	P	P	7	72	P	P	7	D	2	7	7

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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

Feedback form

Date: 26-3-2018

Department

EEE

Academic Year

: 2017 -18

Name of the Speaker

Dr. G. Naresh

Title of the Program

Introduction to MathaB for

Engineering students

Duration

02/12/2017 to 24/3/2018

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

5

2. Method of Delivery

L

3. Related to Subject

4

4. Is the Topic useful for career :

/

5. Suggestions if any

Yes/No

h

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(Recognited by UGC Under Sections 2(f) and 12 (ft) of UGC act, 1956)
Ph. (BRS) - 252231, 34 Website: wome pergets ac. m.

Feedback form

Date: 26/3/2018

Department

EEE

Academic Year

81-Flos :

Name of the Speaker

: Dr. Gr Novesh

Title of the Program

Introduction to HALLAB for

Engineering students

Duration

: 02/12/2017 to 24/3/2018

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

E

2. Method of Delivery

11

3. Related to Subject

11

3

4. Is the Topic useful for career:

Yes/No

5. Suggestions if any

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(AUTONOMOUS)

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



(Autonomour)

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Ph. 08852 = 252333-34. Website www. pagastacen.

Date: 26/03/2018

PROGRAM REPORT

Name of the Program

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

MATLAB for Engineering Students"

Date/Duration

: December 12th to March 24th 2018, 28 days

Resource Person

: Dr.G. Naresh

Professor, EEE, Pragati Engineering College

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

Program Objective

To know about mathematical functions

To have an adequate knowledge on Array operations and linear

equations

Topics Covered

: The following topics are covered

Desktop tools

Basic Plotting

Animations.

Working with matrices

Array operations and linear equations

Program Outcome:

> Students will acquire extensive knowledge about Array operations and linear equations in MATLAB

> Students will understand the mathematical functions in

MATLAB

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

No of the Participants

Program Coordinator

PRAGATI ENGINEERING COLLEGE

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



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

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

This is to certify that Mr./Ms. Adam Sn Mountka has participated in a Four Week Value added Program on "Introduction to MATLAB for Engineering Students" organized by Department of Electrical and Electronics Engineering from 02/12/2017 to 24/03/2018

Mrs Sandhya Rani Coordinator Dr. K. Jvan Jyana HoD-EEE The S. Shumbur Prasad

PRAGATE NGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533-457



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

This is to certify that Mr./Ms. Addepalli Anala has participated in a Four Week Value added Program on "Introduction to MATLAB for Engineering Students" organized by Department of Electrical and Electronics Engineering from 02/12/2017 to 24/03/2018

Mrs. K. Sandhya Ram Coordinator Dr. K. Jiyan Jiyana HoD - EEE

Dr. Sham Reincipal College

1-378, ADB ROAD, SURAMPALENT ear Peddapuram, 5-45-Dt. (AP)-533-43

_6

A FOUR-WEEK VALUE ADDED PROGRAM

ON POWER SYSTEMS THROUGH MATLAB

time but in themper bath, 2017;

PRGATI ENGINEERING COLLEGE

Name:

Year & Sem:

Department:

Organisation:

Educational Qualification:

_ Address:

Mobile Number:

PRINCIPLE

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

Signature of the applicant

Signature of the organization head with Seal)

additional Registration

ORGANISING COMMITTEE

Chief Potron

Dr. P. Krishna Rao Chairman

Patrons

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

Сопуснег

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

Coordinator

Mrs. K. Sandhya Rani Assistant Professor, EEE.

For any enquiry contact: Mobile No:79531674 E-mail: hodece@pragati.ac.in PRACATI ENGINEERING COLLEGE

(Autoprawies)

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



A FOUR-WEEK VALUE ADDIED PROGRAM

ON POWER SYSTEMS (HROELH MATEAU

(June 16th to October 14th, 2017)



Organized by Department of EE

VALUE OF TAILINGS

Pragati Engineering College (Antonomous) 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 MS Infosys Ltd. College attained for AAA rating for the year 2020 by Careers 3ffl 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 Contres. The institution stand 211 Position and also considered as active local chapter by SWAYAM-NPTEL.

PRAGATIENGINEERING COLLEGE focuses on importing 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 correpreneurs. The courses are so structured which leads to a linear growth and progressive inages 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.

Almor the Repartment

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.

Donath Persil

frr. B. Ranjani Profesiot, E.F., Progati Engineering College

Program Linkships

- To Provide knowledge about MATLAB/SIMULINK starting/quitting
- To have an idea about the introduction to programming in MATLAB/SIMULINK

Tapas Entrard

- ✓ Introduction to Power System Analysis , Single line diagram
- Distributed photovoltaic Grid power transformers
- Generalized machine theory and Reference frame formulation

Program Delice

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



(Autonomous)

Approved to Alt 11 Perconnects Affiliated to INTLE Related to NAAC with A Grades (R., assign) by USE Under Section 5(Name 12) (R., assign) by USE Under Section 5(Name 12) (B) of USE at 129 (c) (R., assign) by OSE (12) (12) Website wave program in in

Department of Electrical and Electronics Engineering

Date: 13/06/2017

CIRCULAR

It is hereby informed to all the students of Electrical and Electronics Engineering that "A Four-Week Value added Program on Power Systems through MATLAB" is going to be conducted from 16/06/2017 to 14/10/2017. All the interested students are requested to register their names in the department office on or before 15/06/2017. The details of the program will be available in the brochure.

Venue. Room No: F-9-(First floor), Main block

HOD-EEE



Copy to:

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

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Date: 13/06/2017

Week/Day-wise Schedule

Name of the Program: "A Four-Week Value added Program on Power Systems through MATH AB"

S.No	Day	Date	Topics to be covered
T.	Friday	16/06/2017	Introduction to power System Analysis
2.	Friday	23/06/2017	Electrical machines
3.	Saturday	24/06/2017	Distributed photovoltaic Grid power transformer
4.	Friday	30/06/2017	Harmonics and waveform distortion
5.	Saturday	01/07/2017	Power factor variation
6.	Friday	07/07/2017	Safety and protection related to the public
7.	Saturday	08/07/2017	Islanding
8.	Friday	21/07/2017	Relay protection
9.	Saturday	22/07/2017	DC bias
10.	Friday	28/07/2017	Thermocycling
11.	Saturday	29/07/2017	Power quality
12.	Friday	04/08/2017	Power storage
13.	Saturday	05/08/2017	Voltage transients
,14.	Friday	11/08/2017	Magnetic Inrush current
15.	Saturday	12/08/2017	Eddy current losses
16.	Friday	18/08/2017	Design considerations
17.	Saturday	19/08/2017	Special test considerations
18.	Friday	01/09/2017	Other aspects
19.	Friday	08/09/2017	Relavant and important conclusions
20.	Saturday	09/09/2017	Generalized machine theory
21.	Friday	15/09/2017	Reference frame formulation
22,	Saturday	16/09/2017	Machine model PRINCIPAL

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23	Friday	22/09/2017	Analytics of three phase induction motor
24.	Saturday	23.09/2017	Problems
25	Friday	06/10/2017	Transmission lines
26	Saturday	07/10/2017	Inductance
27	Friday	13/10/2017	Capacitance C
28	Saturday	14/10/2017	Conclusion

Program Coordinator

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

LIST OF STUDENTS INTERSTED TO ADD ON COURSE

		ACADEMIC YEAR: 2017-2018 / I SEMESTER	
		Dr.B.Rajani	
ace.ii		III YEAR - A SECTION	
S.No.	Roll No.	Student Name	Signature
1	15A31A0207	KEERTHI SRI TARANI	Konthidu One
_2	15A31A0208	KONDRA PURNIMA RAMYA	A pour best
3	15A31A0209	KORLA SITA	4. SHa
4	15A31A0210	LANKAPALLI SIROJANA NIHARIKA	C. S. Nebouls
5	15A31A0211	LOLABHATTU JAHNAVI	1. Jahran
6	15A31A0212	MUPPANA SRI DIVYA	N. Sudald
7	15A31A0213	MURALASETTI ANJALI	M-Auga
8	15A31A0222	CHUKKA CHAKRADHAR	ch doubled
9	15A31A0223	DADI NAVYA RAJ	D. N. 61
10	15A31A0224	DVIBHASHYAM SRINIVASA SEETHARAMA DATTU	Mas Date
[1]	15A31A0254	TADI SANTOSH REDDY	T Saiduck
12	15A31A0255		T. Vouletz
-		III YEAR - B SECTION	
13	15A31A0258	VENKATA NARENDRA PAVULURI	V. planupar
14	15A31A0259		y. Vaner de
15	15A31A0260	YERRAMSETTI V V SATYA SAI BHAVANI SHANKAR	U, V.V. S. 5.
16	15A31A0261	BADIGA SURYA KALA	B. Swoka On
17	15A31A0262		B. A. E. S. S.
18	15A31A0263		D. And World
19	15A31A0264		OV March
20	15A31A0265		* Anule
21	15A31A0266	The state of the s	M-Coup Das
22	15A31A0267	The Address of the State of the Association of the	M. Hymle
23	15A31A0268	PIRLA SATYA DEVI ANUSHA	to co Au
24	15A31A0269	SAI LAKSHMI SANTHOSHI POTHULA	CL.c. Col
25	15A31A0289	KOTIPALLI JAYA PRAKASH	En Brille
26	15A31A0290	LAKANAM TIRU VENKATESHA VARMA	L Joseph Led
27	15A31A0291	MADDIPATI HARI KIRAN	M. Lude Ka

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

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

28	15A31A0292	MALLAREDDY UDAY KUMAR	M- Way Damer
29	15A31A0293	MOHAMMED WASEEM	Marine and
30	15A31A0294	MUDDANA ACHYUTH KUMAR	M. Achyu tangar
31	15A31A0295		of Que select
32	16A35A0226	VEDURUPAKA VENKATESH PRASAD	V. Venkatach pro
33	16A35A0227		B. V. sound
34	16A35A0228		1 1 1 1
35	16A35A0229		M. Vailant Mary

Add on course Coordinator

HOD-EEE

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

PRAGA _NGINEERING COLLEGE (A) :: SURAMPALLM ACADEMIC YEAR | 2017-2018 / I SEMESTER DEPT. OF ELECTRICAL & ELECTRONICS ENGINEERING

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5	15A31A0211	LOLABHATTU JAHNAVI	P	P	P	P	P	P	P	P	P	P	P	P	_	1 1	F	_	P	P	1	7	P	1	6	r	- 5	-	-	-	10
6	15A31A0212	MUPPANA SRI DIVYA	O	P	P	p	P	P	P	P	P	P	P	D	P	-	7		4	P	P	P	12	P	1	F-	1	E	F	-	1
1	15A31A0213	MURALASETTI ANJALI	P	57	P	p	p"	P	P	P	P	P	P	P	P	F		9	P	P	P	F)D	P	E	1	-5	1	T.	-	-
5	15A31A0222	CHUKKA CHAKRADHAR	P	P	P	P	D	P	P	P	P	P	D	P	P	F	-	P	P	P	P	P	P	P	P	1	=		7	-	-
-9	15A31A0223	DADI NAVYA RAJ	D	p.	P	P	P	p	P	P	P	P	P	P	P	1	P 1	9	P	P	P	P	P	D	22	-	L	2	9	-	- 1
1ñ	15A31A0224	DVIBHASHYAM SRINIVASA SEETHARAMA DATTU	P	P	P	P	P	P	D	P	P	P	P	1	1.7	4	$\rightarrow 4$	P	P	P	P	P	D	D	b	F	2	E	2	۵	0
11	15A31A0254	TADI SANTOSH REDDY	P	p.	P	P	/	8	P	P	P	P				1			P	P	P	F	P	1	1.	P		1	1	T	-
1.2	15A31A0255	THOTA VENKATESH	P	P	P	P	P	P	P	1	P	P	P	P	P	-	93	P	P	P	P	P	-4	P	10	2	2	2	+	8	-
13	15A31A0258	VENKATA NARENDRA PAVULURI	+	₽	P		P	1	P	P	V	P	P	P	-	-	_	9	P	P	P	P	P	P	P	Ď	D	0	7	P	P
14	25A31A1259	YANDRA VAMSI VINAY	P	P	P	P	P	P	P	P	P	P	P	P	P		DIA	0	P	P	P	P	P	F.	₽	r	1	1	-5-	*	-
13	三15331A 260	YERRAMSETTI V V SATYA SAI BHAVANI SHANKAR	P	P	F	P	P	P	*	F	P	P	P	P	+	-	-	F .	۵.	P	P	P	P	P	P	F	P	P	P	P	P
16	B STINGS	BADIGA SURYA KALA	P	P	P	P	P	1	P	P	P	P	P	1	P	1	17	0	P	P.	K	1	R	P	P	8	-	P	P	1	-
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19	TAR BOWA	GOLLAVILLI MAMATRA	P	P	B	P	P	P	P	F	P	P	P	1	4	1	8	P	P	P	P	P	P.	P	E	E	D	D	_P	P	15
20		KUMPATLA MOUNIKA	P	P	P	f	P	I	P	P	P	P	P	P	P	1	P	r	P	P	P	P	P	₽	P	P	F.	F	P	P	P
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23	MATI ADTOR	PIRLA SATYA DEVI ANUSHA	P	P	P	P	P	Þ	P	P	f	f	F	1	P	2	P	P	P	P	Þ	F	f	P	P	f	P	0	P	-	P
24	15A31A0269	SAI LAKSHMI SANTHOSHI POTHULA	P	t	P	f	P	P	P	F	F	P	P	P	P		P	P	P	P	P	F	P	P	ox.	P	P	1	P	P	P
25	15A31A0289	KOTIPALLI JAYA PRAKASH	P	P	P	P	P	P	P	p	D	p	P	1	P		P	P	P	P	6	F	P	5	P	100	P	P	P	P	P

-	III YEAR	- A & B SECTION	1	2	3	4	3	6	7	8	9	10	11	12	13	14	15	16	+1	18	19	20	21	22	73	24	25	26	27 :	28
S.No.	Roll No.	Student Name																												
26	15A31A0290	LAKANAM TIRU VENKATESHA VARMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	a	P	P
27	15A31A0291	MADDIPATI HARI KIRAN	P	P	P	P	T.	P	Ð	D	P	P	D	D	D	D	P	P	P	2	P	P	P	P	P	P	P	P	P	P
28	15A31A0292	MALLAREDDY UDAY KUMAR	P	P	P	P	P	P	7	P	P	P	P	P	D	P	P	F	P	P	P	P	P	P	P	P	P	P	P	P
29	15A31A0293	MOHAMMED WASEEM	P	b	0	D	P	P	T	P	D	P	P	P	P	P	P	P	F	P	P	P	0	P	P	P	P	P	P	8
30	15A31A0294	MUDDANA ACHYUTH KUMAR	D	P	P	Þ	P	P	P	P	P	P	P	P	P	P	P	a	F	P	P	P	P	P	P	P	P	P	P	1
31	15A31A0295	NAGABATHULA DURGA PRAKASH	E	P	P	P	P	P	P	P	P	P	P	P	P	F	P	F	. 6	P	P	P	P	P	P	P	P	D	P.	7
32	16A35A0226	VEDURUPAKA VENKATESH PRASAD	I	F	P	F	2	A	P	P	P	P	P	P	P	P	P	P	P	P	f	P	P	P	P	P	P	R	P	P
33	16A35A0227	BALLA KRISHNAMRAJU	0	P	E	D	5	2	P	P	2	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	16A35A0228	MUMMIDI VENKAT NARAYANA	4	10	F	P	P	P	p	P	P	P	P	P	1	F	F	P	F	P	P	+	P	a	P	P	P	0	P	F
35	16A35A0229	RAMISETTY SIVA SAI PRABHU	F	D	F	P	2	P	1	P	P	Pa	F	P	P	P	P	P	F	P	P	P	P	P	P	P	P	F	D	P

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Feedback form

Date: 16/10/2017

Department

LIL

Academic Year

2017-18

Name of the Speaker

: Dr. B. Rangard

Title of the Program

: A four week value added program or power system through MATCHE.

Duration

16/6/2017 to w/10/2017

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

Usefulness of Topic

2. Method of Delivery

3. Related to Subject

4. Is the Topic useful for career:

Yes/No

Suggestions if any

: Good Program

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(Autonomous)

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Feedback form

Date: 16 10 2017

Department

: EEE

Academic Year

: 2017 - 18

Name of the Speaker

: Dr. B. Ranjani

Title of the Program

A Four week Value added Program on power system thorough MATLAB

Duration

16/6/2017 40 14/10/2017

Please evaluate on a scale of 5;

5- Excellent

4- Very Good

3- Average

2- Poor

1- Avoid in Future

1. Usefulness of Topic

Method of Delivery

Related to Subject

4. Is the Topic useful for career:

5. Suggestions if any

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Date 16 to 2012

PROGRAM REPORT

Name of the Program

"A Four-Week Value added Program on Power Systems

through MATLAB"

Date Duration

June 16th to October 14th, 2017, 28 days

Resource Person

: Dr. B. Ranjani

Professor, EEE, Pragati Engineering College

E-Mail ID: ranjani.b@pragati.ac.in

Program Objective

To Provide knowledge about MATLAB SIMULINK starting/quitting

 To have an idea about the introduction to programming in MATLAB/SIMULINK

Topics Covered

: The following topics are covered

✓ Introduction to Power System Analysis , Single line diagram

Distributed photovoltaic Grid power transformers

✓ Generalized machine theory and Reference frame formulation

✓ Transmission lines

Program Outcome

Students will acquire extensive knowledge about Array operations and linear equations in MATLAB/SIMULINK

 Students will understand the mathematical functions in MATLAB/SIMULINK

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

No of the Participants : 35

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

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

Program Coordinator



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

VERGLE AND TOURISM AND THE AND THE

A Four Week Value added Program on Power Systems through MATLAB - Certificate of Participation -

This is to certify that Mr./Ms. Keerthi Soll trans has participated in a Four Week Value added on Program on "Power Systems through MATLAB" organized by Department of Electrical and Electronics Engineering from 16/06/2017 to 17/10/2017

Coordinator

HoD - ELE

pards &

Principal FRINCIPAL
PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP1-533 432



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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A Four Week Value added Program on Power Systems through MATLAB - Certificate of Participation -

This is to certify that Mr./Ms. XTE & Sita has participated in a Four Week Value added Program on "Power Systems through MATLAB" organized by Department of Electrical and Electronics Engineering from 16/06/2017 to 17/10/2017

Coordinator

rdinator HoD - EEE

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Principal STREETING COLLEG

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

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

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date: 14-6-2017

CIRCULAR

It is to inform all the students of B.Tech IIyear Isem that the Department of Mechanical Engineering is planning to organize a BASIC FITTING WORKS WORKSHOP on 21-6-2017 to 4-8-2017 by APSSDC WELDING LAB. All the interested candidates can enroll their names with Mr.VV N SARATH Asst. Professor, Department of Mechanical Engineering on or before 17-6-2017. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 21-6-2017

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. Are welding, oxy fuel gas welding, brazing.

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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

Ph 108/52 - 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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V



(Autonomous)

ADB Road, Surampalem, E.G.Dt. A.P - 513 417

(Recognized by UGC Under Section 2013 and 12 (B) of UGC act. 1956)

Ph. 18852 253231, 21 (Website waste progettion)

STUDENTS ENROLLED

5.NO	ROLL NO	NAME	SIGNATURE
1	16A31A0303	Reshma Potluri	R. Reshmo
2	16A31A0315	Dhulipudi Govindaraju	D.Crv
3	16A31A0316	Gangiredla Varunkumar	G The h
4	16A31A0317	Ganja Vishnu Satya Sai	Viden
5	16A31A0321	Junuthula Saimohan	Sailestown
6	16A31A0359	Karri Veeralakshmi	K. yeeval akgmi
7	16A31A0371	Devadula Hemanth Vamsikrishna	H. J
8	16A31A03A5	Sana Manikya Swamynaidu	Snammynidu
9	16A31A03B0	Talluri Kameswara Rao	T. K.Rao
10	16A31A03B6	Yelugubandi Sai Kumar	11
11	16A31A03D8	Gummella Veera Venkata Vijay Raghuveer	V.V.V. Raghung
12	16A31A03D9	Guntamukkala Manikanta Swamy	0
13	16A31A03E4	Katta Sri Datta Kumar	Swany.
14	16A31A03E9	Kudipudi V V Satyanarayana	K.V.V. Satylanana
15	16A31A03F7	Nagireddi Vasumuni	1.1.
16	16A31A03I0	Bandaru Venkata Sai Ram Vikas	Walanuni
17	16A31A03I7	Dantuluri Varun Varma	9.90.
18	16A31A03J2	Gowtu Vasu	Gr Vaso.
19	16A31A03J7	Karri Lokesh	Clake
20	16A31A03L5	Pudi Chaitanya Vishal	Picivista

Co-ordinator

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STUDENTS ATTENDED

5.NO	ROLL NO	93/h6/h17	30/6/17	7/7/17	14/67/17	21/1/17	Alr/X	4/06/17			
, 1	16A31A0303	P	P	P	P	A	P	P			-
2	16A31A0315	P	A	P	P	P	P	P			
3	16A31A0316	P	P	P	٨	P	P	D			-
4	16A31A0317	P	P	P	p	P	P	1			
5	16A31A0321	A	P	P	6	D	D	P			-
6	16A31A0359	P	P	A	D	P	P	P			-
7	16A31A0371	P	A	P	P	P	D	P			
8	16A31A03A5	P	P	P	A	P	P	P	-	-	-
9	16A31A03B0	P	P	P.	A	P	P	P		-	
10	16A31A03B6	P	P	P	D	P	A	P	-		
11	16A31A03D8	P	P	P	P	P	A	D			
12	16A31A03D9	A	P	P	D	P	P	D			-
13	16A31A03E4	P	D	P	P	D	A	0			-
14	16A31A03E9	P	A	P	P	D	P	8	100	-	(17)40 (4)
15	16A31A03F7	P	P	A	P	D	P	D			-
16	16A31A03I0	P	P	A	P	D	P	P		-	
17	16A31A03I7	A	P	P	P	D	D	P			-
18	16A31A03J2	P	P	P	P	D	P	A			1
19	16A31A03J7	P	P	P	P	A	P	P			-
20	16A31A03L5	The second	P	P	P	A	P	P	-		

Co-ordinator

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G.Dt. (AP)-533 437



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

Report On Basic Fitting Works Workshop

Date: 58-2017

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A BASIC FITTING workshop was held on 21-6-2017 to 4-8-2017 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year I sem. This work shop started with basics of welding and its classifications. The expert mainly focused on welding joints. The expert also discussed the techniques of Lap Joint, Butt Joint e.t.c welding joints and defects in welding joints and its remedies. 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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Tt. (AP)-533 437



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APSSDC WELDING LAB - FEEDBACK

Date: 4-8-2017

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

: 2017-2018

Name of the speaker

: MUKESH

Title of Training Program

: "BASIC FITTING WORKS".

Date / Venue

: 21-6-2017 to 4-8-2017/Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor

I Avoid in Future

Usefulness of Topic: Excellent 1

Method of Delivery: 2

Nevy good

3

Related to Subject:

very good

4

Is the Topic useful for career:

Suggestions if any: 5

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APSSDC WELDING LAB – FEEDBACK

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

: 2017-2018

Name of the speaker

: MUKESH

Title of Training Program

: "BASIC FITTING WORKS".

Date / Venue

: 21-6-2017 to 4-8-2017/Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date: 4-8-2017

Usefulness of Topic:

Executent

2

Method of Delivery:

very good

3

Related to Subject:

very good

4

Is the Topic useful for career:

5

Suggestions if any: take some more classed

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APSSDC WELDING LAB - FEEDBACK

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

: 2017-2018

Name of the speaker

: MUKESH

Title of Training Program

: "BASIC FITTING WORKS".

Date / Venue

: 21-6-2017 to 4-8-2017/Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date:4-8-2017

Usefulness of Topic: Very good

2 Method of Delivery:

3

Related to Subject:

Is the Topic useful for career:

YES/NO

Suggestions if any: AD 5

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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ADB Road Suramputer E.C.DR, A.P. STEETT

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APSSDC WELDING LAB - FEEDBACK

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

: 2017-2018

Name of the speaker

: MUKESH

Title of Training Program

: "BASIC FITTING WORKS".

Date / Venue

: 21-6-2017 to 4-8-2017/Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Date:4-8-2017

Usefulness of Topic: 9000

2 Method of Delivery: very good

3 Related to Subject:

4 Is the Topic useful for career:

5 Suggestions if any:

PRINCIPAL PRAGATI ENGINEERING COLLEGE

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APSSDC WELDING LAB - FEEDBACK

Date: 4-8-2017

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

: 2017-2018

Name of the speaker

: MUKESH

Title of Training Program

: "BASIC FITTING WORKS".

Date / Venue

: 21-6-2017 to 4-8-2017/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

Method of Delivery: ANOTOGO

Related to Subject: Groot

4

Is the Topic useful for career:

Suggestions if any:

MO.

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

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



This is to certify that Reshma Potluri

Bearing number APSSDC/Siemens/M/9512 has successfully

completed BASIC FITTINGWORKSHOP Course

Conducted at

Pragati Engineering College

From 21-Jun-2017 to 4-Aug-2017

Siemens Industry Software India Pvi Lini

PRINGHEADE

Design Tech Systems Limited

PRAGATI ENGINEERING COLLEGE.

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



This is to certify that **Dhulipudi Govindaraju**

Bearing number APSSDC/Siemens/M/9513 has successfully

completed BASIC FITTINGWORKSHOP Course

Conducted at

Pragati Engineering College

From 21-Jun-2017 to 4-Aug-2017

Siemens Industry Software India Pvt IIII



tiesign Tech Systems Limited

This is an auto 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.pragata.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Surampalem, Date:15-12-2017

CIRCULAR

It is to inform all the students of B.Tech IIyear IIsem that the Department of Mechanical Engineering is planning to organize a BASIC FOUNDATION OF WELDING WORKSHOP on 22-12-2017 to 3-3-2018 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 18-12-2017. The no. of participants to this are limited, preference is based on first come first basis.

Venue: APSSDC WELDING LAB MECHANICAL DEPARTMENT

Date: 22-12-2017

HOD - ME

Copy to

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

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(Autonomous)

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(Approved by ARCTL, Permanenty Affiliated to JNTUK, Kakinadir, Accredited by NAAC with 'A' Grad-1

(Recognized by UGC Under Sections 2(f) and 12 (18) of UGC act. (1986)

Ph. 08882 – 282233, 34, Website wave product ac in

Objective of the course

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

Topic Covered

TOPIC-1

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

TOPIC-2

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

TOPIC-3

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

TOPIC-4

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

TOPIC-5

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

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



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

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

Outcome of the course

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

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

Co. or director

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



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Ph. 08852 - 252233, 31 Website www.pragation.or

STUDENTS ENROLLED

S.NO	ROLL NO	NAME	SIGNATURE
I	16A31A0309	Chinta Srinivas	Sum
5.	16A31A0329	Katta Sri Sai Pavan	Payan.
3	16A31A0335	Musini Dinesh Kumar	Dnishlenar
4	16A31A0339	Pasala Veera Venkata Sravana Kumar	P. 3. Ke.
5	16A31A0344	Syed Rakeeb Shafi	Spiester.
6	16A31A03L3	Pudi Sreenija	Greenija
7	16A31A0369	Chinnam Surya Venkata Rama Reddy	Venicala Romabadg
8	16A31A0372	Golla Siva Ganesh	device
9	16A31A0381	Kunaparaju Sai Rama Raju	Ramone
10	16A31A0399	Pendem Balu Siva Sai Chandra	Chandu:
11	16A31A03A2	Ponnaganti Pavan Kumar	tavar : Kunch .
12	16A31A03D6	Gonnabathula Sai Durga Prasad	maren.
-13	16A31A03E0	Jonnaganti V Venkata Satya Vanusi Krishna	Vamer
14	16A31A03E2	Kandella Anand	stored
15	16A31A03F0	Kundla Surya Chandra Kumar	Chanane levan
16	16A31A03F3	Machetti Suryanarayana	Jurya .
17	16A31A03K6	Mantha Satya Venkata Bharadwaj	Bharadway
18	16A31A03L6	Putta Sandeep Chowdary	Chowdomy.
19	16A31A03L7	Ratnala Bharat Kumar	Bhanath Icenan.
20	16A31A03M1	Sarella Anil	O. Anil.

Co-ordinator

D

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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



(Autonomous)

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Ph. 08852—252233, 34. Website, www.pragan.se. in

STUDENTS ATTENDED

S.NO	ROLL NO	22-12-2017	39-12-201	4-1-201	19-1-2018	37-2-2d	9-2-201	316-2-20	821-2-201	924-2-2di	3-3-
1	16A31A0309	28220		P	P	P	P	P	P	P	A
2	16A31A0329	P	P	P	P	P	P	P	A	P	P
3	16A31A0335	P	P	P	P	10	P	P	P	P	A
4	16A31A0339	P	A	P	P	P	P	P	P	P	P
5	16A31A0344	P	P	P	P	P	P	P	A	P	P
6	16A31A03L3	P	P	A	P	P	P	P	P	P	P
7	16A31A0369	P	P	P	P	A	P	P	P	P	P
8	16A31A0372	A	P	12	P	P	A	P	P	P	P
9	16A31A0381	P	P	P	P	P	P	A	P	P	P
10	16A31A0399	P	P	A	P	P	P	P	P	A	P
T	16A31A03A2	P	A	P	P	P	P	P	P	P	P
12.	16A31A03D6	P	P	P	P	12	P	P	P	A	P
13	16A31A03E0	A	P	P	12	P	A	P	P	P	P
14	16A31A03E2	P	P	P	P	A	P	P	P	P	P
15	16A31A03F0	P	P	P	P	P	A	P	P	P	P
16	16A31A03F3	P	P	P	A	P	P	P	P	P	P
17	16A31A03K6	A	P	P	P	P	P	P	P	P	P
18	16A31A03L6	P	P	P	P	P	P	A	P	P	P
19	16A31A03L7	P	P	P	P	P	P	P	P	A	P
20	16A31A03M1	P	P	P	A	P	P	P	P	P	P

Co-ordinator

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Report On Basic Foundation of Welding

Date: 4-3-2018

Resource person details

NAME: MUKESH

DESIGNATION: APSSDC TRAINER

CONTACT DETAILS

PHONE NO: 9494902019

A Basic Foundation of Welding workshop was held on 22-12-2017 to 3-3-2018 in collaboration with APSSDC. The expert from APSSDC explained various concepts of welding related aspects from the fundamentals to the students of B.TECH II year II SEM. This work shop started with basics of welding and its classifications. The expert mainly focused on ARC welding, TIG welding, MIG welding. The expert also discussed the techniques of ARC, TIG, MIG welding and defects in welding and its remedies. The students had hands on experience on the welding operations of ARC, TIG, and MIG welding. The workshop participants were able to learn in depth of methodology and its real time application. 20 no of students participated in this work shop.

Co-ordinator

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APSSDC WELDING LAB - FEEDBACK

Date:3-3-2018

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

: 22-12-2017 to 3-3-2018 / Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent

4 Very Good

3 Average 2 Poor

I Avoid in Future

Usefulness of Topic:

2

Method of Delivery:

3

Related to Subject:

4

Is the Topic useful for career:

Suggestions if any: 5

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APSSDC WELDING LAB - FEEDBACK

Date:3-3-2018

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

: 22-12-2017 to 3-3-2018 / Apssdc WELDING Lab

Please evaluate on a scale of 5:

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic: Very good

Method of Delivery:

Excellent

Related to Subject: 3

POOY

Is the Topic useful for career: 4

YES/NO

Suggestions if any: 5

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APSSDC WELDING LAB – FEEDBACK

Date: 3-3-2018

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

: 22-12-2017 to 3-3-2018 / Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Method of Delivery: Excellent

2

Related to Subject: 3

Is the Topic useful for career: 4

YES/NO

Suggestions if any: 5

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APSSDC WELDING LAB – FEEDBACK

Date:3-3-2018

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

:"BASIC FOUNDATION OF WELDING".

Date / Venue

: 22-12-2017 to 3-3-2018 /Apssdc WELDING Lab

Please evaluate on a scale of 5:

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

Usefulness of Topic: Very Good

2 Method of Delivery: Average

3 Related to Subject:

Excellent

Is the Topic useful for career: 4

YES/NO

5 Suggestions if any:

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APSSDC WELDING LAB - FEEDBACK

Date: 3-3-2018

DEPARTMENT

: Mechanical Engineering

ACADEMIC YEAR

:2019-2020

Name of the speaker

: MUKESH

Title of Training Program

"BASIC FOUNDATION OF WELDING".

Date / Venue

: 22-12-2017 to 3-3-2018 / Apssdc WELDING Lab

Please evaluate on a scale of 5;

5 Excellent 4 Very Good

3 Average 2 Poor 1 Avoid in Future

Usefulness of Topic:

Good

2 Method of Delivery: AVENOGE

Related to Subject: GOCO 3

Is the Topic useful for career: 4

Suggestions if any: 5

No.

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Certificate of Completion

siemens.co.in

This is to certify that Ratnala Bharat Kumar

Bearing number APSSDC/Siemens/M/10139 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 22-Dec-2017 to 3-Mar-2018

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

This is an auto generated Certificate and does not require Signatures

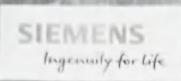
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Certificate of Completion

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This is to certify that Sarella Anil

Bearing number APSSDC/Siemens/IVI/10140 has successfully

completed BASIC FOUNDATION OF WELDING Course

Conducted at

Pragati Engineering College

From 22-Dec-2017 to 3-Mar-2018

Siemens Industry Software India Pvt. Ltd.

APSSDC

Design Tech Systems Limited

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 06-02-2018

CIRCULAR

It is hereby informed to the II B.Tech I Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: RUBY ON RAILS

Name of the Faculty: Mr. V Surya Prakash

Start Date: 12-02-2018

End Date: 17-02-2018

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 09-02-2018.

Circulation among II IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

RUBY ON RAILS

Resource Person Mr. V Surya Prakash, Assistant Professor, Dept.of IT, Pragati Engineering College

DATE: 12-02-2018 TO 17-02-2018

- Day 1: Ruby on Rails Introduction, Basics of Ruby
- Day 2: Advanced topics of Ruby, Rails first app
- Day 3: Action views, Active Record
- Day 4: Action controller, Digging Deeper rails
- Day 5: Rails advanced topics
- Day 6: Deployment

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Ruby on Rails Introduction, Basics of Ruby
- Day 2: Advanced topics of Ruby, Rails first app
- Day 3: Action views, Active Record
- Day 4: Action controller, Digging Deeper rails
- Day 5: Rails advanced topics
- Day 6: Deployment

CO-ORDINATOR

1

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Course Objective

The objective of this course Program is to

- To acquaint the students with a reliable and robust solution because of its easy to use modules, pragmatic designs, and quick and fast delivery features.
- To help in creating applications, websites from an existing source, instead of from
- To help students how to write code and build applications.

Outcome of the course

Upon completion of the course student will be able to

- Ruby on Rails Introduction
- Create an App in Rails
- Active Record
- Acton controller
- Rails advanced topics
- Deployment

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REPORT

Resource person details

Name: Mr. V SURYA PRAKASH

Designation: ASSISTANT PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: suryaprakash@pragati.ac.in

On Day 1 discussed about Ruby and Rails Intro, Basics of Ruby

An Introduction to Ruby and Rails, How to Install Rails, Introduction to Object oriented concepts, Fundamentals of Web Application, Model View Controller Architecture

- Ruby Introduction
- · Rails Introduction
- Understanding OOPS
- Understanding Web Application
- Understanding MVC
- · Ruby on Rails Installation

Fundamentals of Ruby and to know about the structure of Ruby Classes. To explore the syntax and semantics of Objects with Classes. and explore more data types in details.

- Ruby IRB
- Classes
- Methods
- Operators
- String
- Fixnum
- Control Structures

On Day 2 discussed about Advanced Topics of Ruby, Rails First App

The concepts of Ruby Programming Language, and also learn different programming techniques to be used.

- Array
- Hashes
- Regular Expressions
- Ranges
- Exception Handling
- Modules
- Mixins

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And they learnt to create first Rails application and configure DB, also to run the Rails application on localhost and create the MVC files manually. Studnets understand how to analyse the Directory layout and create quick applications using Scaffolding.

- Creating and Running first Rails Application
- Rails –Hello world
- Directory Layout
- · Creating Quick Application via Scaffolding
- Scaffold Workflow
- MVC files Manual creation

On Day 3 discussed about Action Views, Active Record

A review of HTML tags and about front end template/layout integration was discussed. Students learnt about Bootstrap and about designing a form using Form helpers.

- HTML Review
- Layout integration
- Bootstrap Exercise
- Form helpers

Studnets learnt ORM concepts, and Basics of Model, get deeper into Active Record techniques like Migrations, Validating the user inputs, triggering callbacks, How to use Relationship between tables and Query Interface methods.

- ORM
- Active Record Basics
- Migrations
- Validations
- Callbacks
- Association
- Query Interface Methods

On Day 4 discussed about Action Controller, Digging Deeper - Rails

In this module students learnt the basics of Rails Controller, Resource based Routing, Session and Cookies Storage. Also be able to Handle Parameters and use different types of Filters.

- Controller Basics
- Routing
- Sessions

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- Cookies
- Parameters
- Filters

Resource person discussed about in depth concepts of Rails.Integrating Ruby gems, Debugging Techniques and sending emails. Studnets gained knowledge on different commands used in rails, and explore pipeline of Assets.

- Gems
- Debugging Rails Application
- Action Mailer
- Rails Command lines
- Assets Pipeline

On Day 5 discussed about Rails Advanced Topics

Advanced techniques of Rails, Integrating Javascript, and Securing the Rails application with configurations were discussed. Also learnt the concept of translating Rails application into multiple languages.

- Working with JavaScript
- Securing Rails Application
- Rails Internationalization

On Day 6 discussed about Deployment

Studnets learnt about version control tool Github and learn the use of the Deployment tool Heroku.

- Version Control
- Git
- Deployment
- Heroku Cloud Application Platform

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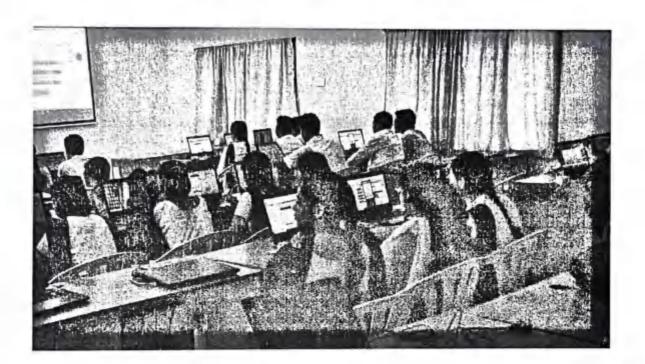
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Photographs during training session



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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	tudent Signature of the student				
1 🗈	15A31A1201	Adusumilli Rashmika	A RACKINI kas				
2	15A31A1203	Badam Harshitha	Bodon Hollitte				
3	15A31A1208	Ch N V Sri Lavanya	Marcup				
4	15A31A1212	Grandhi Annapurna	Auber				
5	15A31A1213	Gutam Rachel Karen	P. L. Ruthuka.				
6	15A3IA1214	Kantipudi Sri Ramya	Surange				
7	15A31A1215	K Vaishnavi Krishna	Jr. Vaishnavi Jenshna				
8	15A31A1216	Kodukula Shravika	& Shravike				
9	15A31A1218	M Vineetha Yashasri	M. Yashasei				
10	15A31A1219	Nallamilli Sri Devi	N. S. Devi				
11	15A31A1225	Rao Dharavi	R. Dhoravi				
12	15A31A1228	Seela SreeLekha	S. Spreelepha				
13	15A31A1229	Sunku Vydehi	S. VydeLi				
14	15A31A1232	Vadrevu Sri Lakshmi	U. Sir Cakpone				
15	15A31A1233	Bachhu Harish	Biffarish				
16	15A31A1237	Choday Arun Chowdary	Achandaree				
17	15A31A1239	Devireddy Baji Reddy	RRede				
18	15A31A1243	Kolnati Sai Sri Harsha	Kisisi Harsha				
19	15A31A1247	Nakka Durga Prasad	N. Durga				
20	15A31A1248	Nalam Aravinda Kumar	W. Kumar				
21	15A31A1255	Vundavalli Gowtham	V. Southain				

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	12-02-	13-02-	14-02-	15-02-	16-02-	17-02
1	. 15A31A1201	Adusumilli Rashmika	2018 D	2018	2018	2018	2018	2018
2	15A31A1203		P	P	P	P	P	P
3	15A31A1208		P	P	P	P	P	P
4	15A31A1212		D	P	P	P	A	P
5	15A31A1213		-	P	A	P	P	P
6	15A31A1214		P	-	P	P	P	P
7	15A31A1215		-	P	P	P	P	P
8	15A31A1216		P	A	P	P	P	P
9	15A31A1218	M Vineetha Yashasri	P	6	P	P	P	PI
10	15A31A1219	Nallamilli Sri Devi	P	ρ	P	A	P	P
11	15A31A1225	Rao Dharavi	A	P	P	P	A	P
12	15A31A1228	Seela SreeLekha	P	A	P	P	P	A
13	15A31A1229	Sunku Vydehi	P	P	P	P	P	P
14	15A31A1232	Vadrevu Sri Lakshmi	P	P	A	P	P	P
15	I5A31A1233	Bachhu Harish	P	A	P	A	P	P
16	15A31A1237	Choday Arun Chowdary	P	P	P	P	P	P
17	15A31A1239	Devireddy Baji Reddy	•	P	P		P	A
18	15A31A1243	Kolnati Sai Sri Harsha	A	_	-	A	P	P
19	A SECTION AND ADDRESS OF THE PARTY OF THE PA	Nakka Durga Prasad	D	P	A	P	P	P
20		Nalam Aravinda Kumar		P	P	A	P	P.
21	49.01	Vundavalli Gowtham	P	P	P	P	A	P

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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended		
1	15A31A1201	6	6		
2	15A31A1203	6	6		
3	15A31A1208	6	4		
4	15A31A1212	6	5		
5	15A31A1213	6	6		
6	15A31A1214	6	6		
7	15A31A1215	6	5		
8	15A31A1216	6	6		
9	15A31A1218	6	5		
10	15A31A1219	6	4		
11	15A31A1225	6	4		
12	15A31A1228	6	6		
13	15A31A1229	6	5		
14	15A31A1232	6	4		
15	15A31A1233	6	6		
16	15A31A1237	6	4		
17	15A31A1239	6	4		
18	15A31A1243	6	5		
19	15A31A1247	6	5		
20	15A31A1248	6	4		
21	15A31A1255	6	6		

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RUBY ON RAILS VALUE ADDED COURSE - FEEDBACK

Date:17-02-2018

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2017-2018

Name of the speaker: Mr. V SURYA PRAKASH

Title of Training Program: "RUBY ON RAILS Value added course"

Date / Venue: 12-02-2018 to 17-02-2018 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: 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: The program helped us to leaven and understand the basic Ruby Code

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M. Yashasei



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RUBY ON RAILS VALUE ADDED COURSE - FEEDBACK

Date:17-02-2018

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2017-2018

Name of the speaker: Mr. V SURYA PRAKASH

Title of Training Program: "RUBY ON RAILS Value added course"

Date / Venue: 12-02-2018 to 17-02-2018 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Aulage

2 Method of Delivery: Very Good

3 Related to Subject: Excellent

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: The program was so informative and relevant

to my work.

W

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PRAGATI ENGINEERING COLLEGE

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



PRAGATIENGINEERINGCOLLEGE (AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. 76Kka Durga Prasad Student of Information Technology, Pragati Engineering college has actively participated and successfully completed Add -on course on Ruby on Rails conducted from 12-02-2018 to 17-02-2018 Organized by Department of IT, Pragati Engineering college (Autonomous), Surampalem.

> DATE 17-02-2018

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



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. Kolnati Sai Sri Havsha student of information Technology,

Pragati Engineering college has actively participated and successfully completed Add -on course on

Ruby on Rails conducted from 12-02-2018 to 17-02-2018 Organized by Department of IT, Pragati

Engineering college (Autonomous). Surampalem.

DATE

17.02.2018

- Andr

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(Autonomous)

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DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 01-11-2017

CIRCULAR

It is hereby informed to the II B.Tech I Semester students that an Add-On Course on will be conducted in the college as per the below schedule.

Name of the course: PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON

Name of the Faculty: Mrs. N V S SOWJANYA

Start Date: 06-11-2017

End Date: 11-11-2017

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 03-11-2017.

Circulation among II IT Students

Copy to Dept. Notice File

Copy to Student Add-On Course File

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PRAGATI ENGINEERING COLLEGE

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DEPARTMENT OF INFORMATION TECHNOLOGY

Add on Course

PROGRAMMING, DATA STRUCTURES and

ALGORITHMS using PYTHON

Resource Person
Mrs. N.V.S.Sonjanya,
Assistant Professor,
Dept.of IT,
Pragati Engineering College

DATE: 06-11-2017 TO 11-11-2017

- Day 1: Introduction to programming, algorithms and data structures via GCD, Downloading and installing Python.
- . Day 2: Python: types, Python memory model, searching techniques
- Day 3: Basic algorithm analysis, Sorting techniques, Dictionaries, Python functions
- · Day 4: Exception handling, Basic Input / Output, handling files, Backtracking, Scope
- Day 5: Nested functions, Data structures, Heaps, Abstract data types, Classes and objects in python.
- . Day 6: Binary search trees, Efficient evaluation of recursive definitions,

Dynamic programming examples

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Topics Covered

Duration: 6 Days (30 hrs)

- Day 1: Introduction to programming, algorithms and data structures via GCD,
 Downloading and installing Python
- · Day 2: Python: types, Python memory model, searching techniques
- Day 3: Basic algorithm analysis, Sorting techniques, Dictionaries, Python functions
- · Day 4: Exception handling, Basic Input / Output, handling files, Backtracking, Scope
- Day 5: Nested functions, Data structures, Heaps, Abstract data types, Classes and objects in python.
- Day 6: Binary search trees, Efficient evaluation of recursive definitions,
 Dynamic programming: examples

60-ORDINATION

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PRAGATI ENGINEERING COLLEGE

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Course Objective

The objective of this course Program is to

- To acquire programming skills in Python
- To get more insight on programming, algorithms
- · To get knowledge of data structures

Outcome of the course

Upon completion of the course student will be able to

- Explain basic principles of Python programming language
- Implement object oriented concepts
- Ability to choose appropriate data structures to represent data items in real world
- Ability to design programs using a variety of data structures such as stacks, queues

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REPORT

Resource person details

Name: Mrs N V S SOWJANYA

Designation: ASSISTANT PROFESSOR, DEPARTMENT OF IT

Contact details: Mail ID: sowjanya.n@pragati.ac.in

On Day 1 gave Informal introduction to programming, algorithms and data structures via gcd Downloading and installing Python gcd in Python: variables, operations, control flow - assignments, conditionals, loops, functions

On Day 2 discussed about Python: types, expressions, strings, lists, tuples Python memory model: names, mutable and immutable values List operations: slices etc Binary search,

On Day 3 discussed about Dictionaries

More on Python functions: Optional arguments, default values

Passing functions as arguments, Higher order functions on lists: map, lter, list comprehension

On Day 4 discussed about Exception handling
Basic input/output
Handling files
String processing, Backtracking: N Queens, recording all solutions
Scope in Python: local, global, nonlocal names,

On Day 5 Nested functions
Data structures: stack, queue
Heaps, Abstract datatypes
Classes and objects in Python
"Linked" lists: find, insert, delete was discussed.

On Day 6 discussed about Binary search trees: find, insert, delete
Height-balanced binary search trees, Efficient evaluation of recursive definitions:
Dynamic programming: examples
Other programming languages: C and manual memory management
Other programming paradigms: functional programming

V



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Photographs during training session





CO-ORDINATER

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LIST OF STUDENTS ENROLLED

S.No.	Roll No.	Name of the Student	Signature of the student
1	15A31A1202	Anusuri Bala Priyanka	A
2	15A31A1203	Badam Harshitha	Drugger 20 Fairbone
3	15A31A1204	Balusu Padmavathi	B. Padma vathi
4	15A31A1206	V Bharathi Laxmi Durga	VBL Diorga
5	15A31A1214	Kantipudi Sri Ramya	Le Vanne
6	15A31A1216	Kodukula Shravika	K. C. J. J.
7	15A31A1219	Nallamilli Sri Devi	W. Carl
8	15A31A1221	Nori Sai Bhargavi	N.S. Bhorgavi
9	15A31A1222	Padala Sri Priya	D. Sre Drais
10	15A31A1225	Rao Dharavi	R. DHADALL
11	15A31A1227	Sathi Susmitha	S. Sunda
12	15A31A1229	Sunku Vydehi	5. Wdehi
13	15A31A1233	Bachhu Harish	B. Hanish
14	15A31A1237	Choday Arun Chowdary	Aven Choeoldysh
15	15A31A1243	Kolnati Sai Sri Harsha	Sni Hansher
16	15A31A1245	Mangala Venkatesh	19. Varled de
17	15A31A1252	Pericherla Sanjay Varma	P. Sanjay Vorma
18	15A31A1254	S Sai Vineeth Kumar	SSVERGEN

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ATTENDANCE SHEET

S.No.	Roll No.	Name of the Student	06-11- 2017	07-11- 2017	08-11- 2017	09-11- 2017	10-11- 2017	11-1
1	15A31A1202	Anusuri Bala Priyanka	P	D	P	P	P	1 - 1
2	15A31A1203	Badam Harshitha	P	0	P	P	-	P
3	15A31A1204	Balusu Padmavathi	D	0	P		P	P
4	15A31A1206	V Bharathi Laxmi Durga	P	0	P	P	P	P
5	15A31A1214	Kantipudi Sri Ramya	D	0	0	P	-	1
6	15A31A1216		p	P	0	P	P	PI
7	15A31A1219	Nallamilli Sri Devi	D	-	P	0	P	P
8	15A31A1221	Nori Sai Bhargavi	0	A	D		A	P
9	15A31A1222	Padala Sri Priya	0	0		Pol	P	P
10	15A31A1225	Rao Dharavi	P	A	A.	-		
11	15A31A1227	Sathi Susmitha	A	0	Р	P	P	A
12	15A31A1229	Sunku Vydehi	P	0	P	A	<u>P</u>	P
13	15A31A1233	Bachhu Harish	P	D	0	p	A	P
14	15A31A1237	Choday Arun Chowdary	P	A	P	P	P	P
15	15A31A1243	Kolnati Sai Sri Harsha	0	P	A	0	P	P
16	15A31A1245	Mangala Venkatesh	P	P	0	P	P	P
17	15A31A1252	Pericherla Sanjay Varma	P	P	P	P	P	P
18	15A31A1254	S Sai Vineeth Kumar	9	P	o	72	D	0

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ATTENDANCE REPORT

S.No.	Roll No.	Classes Conducted	Classes Attended
1	15A31A1202	6	6
2	15A31A1203	6	6
3	15A31A1204	6	6
4	15A31A1206	6	6
5	15A31A1214	6	6
6	15A31A1216	6	6
7	15A31A1219	.6	4
8	15A31A1221	6	6
9	15A31A1222	6	5
10	15A31A1225	6	4
11	15A31A1227	6	4
12	15A31A1229	6	5
13	15A31A1233	6	6
14	15A31A1237	6	4
15	15A31A1243	6	5
16	15A31A1245	6	6
17	15A31A1252	6	6
18	15A31A1254	6	6

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PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON VALUE ADDED COURSE - FEEDBACK

Date: 11-11-2017

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2017-2018

Name of the speaker: Mrs. N V S SOWJANYA

Title of Training Program: "PROGRAMMING, DATA STRUCTURES AND

ALGORITHMS USING PYTHON Value added course"

Date / Venue: 06-11-2017 to 11-11-2017 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Average

2 Method of Delivery: Excellent

very Good 3 Related to Subject:

4 Is the Topic useful for career: YES/NO

Frent was done very good which helpful 5 Suggestions if any:

in interviews

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

PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON VALUE ADDED COURSE – FEEDBACK

Date: 11-11-2017

DEPARTMENT: Information Technology

ACADEMIC YEAR: 2017-2018

Name of the speaker: Mrs. N V S SOWJANYA

Title of Training Program: "PROGRAMMING, DATA STRUCTURES AND

ALGORITHMS USING PYTHON Value added course"

Date / Venue: 06-11-2017 to 11-11-2017 /IT Computer Lab

Please evaluate on a scale of 5;

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

1 Usefulness of Topic: Excellent

2 Method of Delivery: Very Good

3 Related to Subject: Average

4 Is the Topic useful for career: YES/NO

5 Suggestions if any: The Event later place very well and also include some neal time Examples for better understanding.

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PRAGATI ENGINEERING COLLEGE

1-378, ADB ROAD, SUPREMALEM
Near Peddapuram, E.L.Lt. (Ar)-533 437

P. Sayay borna



(AUTONOMOUS)

Certificate of Participation

This is to certify that Mr./Ms. Anusri Bala Privarika Student of Information Technology Progation Engineering college has actively participated and successfully completed Add on course on Programming, Data Structures and Algorithma using Python conducted from 06-11-2017 to 11-11-2017 Organized by Department of IT, Pragati Engineering college (Autonomous) Surampalem.

DATE 11-11-2017

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



(AUTONOMOUS)

Certificateof Participation

This is to certify that Mr./Ms. Badam harshirtha Student of Information Technology, Pragati

Engineering college has actively participated and successfully completed Add -on course on

Programming, Data Structures and Algorithma using Python conducted from 06-11-2017 to 11-11-2017

Organized by Department of IT, Pragati Engineering college (Autonomous) Surampalem.

DATE 11-11-2017

A Car



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

(Sponsored by Gayatri Educational Society)

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

DEPARTMENT OF CIVIL ENGINEERING

Surampalem Date: 03/08/2017

CIRCULAR

It is to inform all the students of BTech II, III, & IV year that the department of Civil Engineering is planning to organize a LEVEL A (BIOREMEDIATION OF CONTAMINATED SOILS) Workshop on 16/08/2017 to 09/09/2017 by department of Civil Engineering. All the interested candidates can enroll their names with Ms. K. Lalitha, Assistant professor, Department of Civil Engineering on or before 07/08/2021. The number of participants to this is limited; preference is based on first come first basis.

Venue: Classroom CS-5 CIVIL DEPARTMENT BLOCK

Date: 16/08/2017 to 09/09/2017

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Copy to:

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

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(Sponsored by Gayatri Educational Society) D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - J. Ph : 0884 - 2355900, Fax : 2363900

DEPARTMENT OF CIVIL ENGINEERING

Surampalem Date: 03/08/2017

CIRCULAR

It is to inform all the students of BTech II, III, & IV year that the department of Civil Engineering is planning to organize a LEVEL A (BIOREMEDIATION OF CONTAMINATED SOILS) Workshop on 16/08/2017 to 09/09/2017 by department of Civil Engineering. All the interested candidates can enroll their names with Ms. K. Lalitha, Assistant professor, Department of Civil Engineering on or before 07/08/2021. The number of participants to this is limited; preference is based on first come first basis.

Venue: Classroom CS-5 CIVIL DEPARTMENT BLOCK

Date: 16/08/2017 to 09/09/2017

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Ph.: 08852 - 262233, 262234, 262233, Pax: 252232, Website: www.pragatiac.in

(Sponsored by Cayairi Educational Society)

D.No. 2-N-42, Ground Phon, Januarycomi Park Hoad, Bissops, Kataruda - 3, Ph. | 0884 - 2355900, Par | 2363900

Objective of the Course

The course is designed for students to learn the essential concepts of treatment of contaminated soils by bioremediation methods. By studying the course, students can know what are the causes for contamination of soils and how to remove those contaminants in a safe manner naturally.

Topic Covered:

WEEK 1: Fundamentals of Bioremediation

- 1. Definition of Bioremediation
- 2. Bioreactors
- 3. Necessity of Bioremediation
- 4. Advantages and Disadvantages
- 5. Types of bioremediation

WEEK 2: Microbial Transformation

- 1. Microbial detoxification
- 2. Bioremediation systems and processes
- 3. Microbial cleaning of gases
- 4. In-situ and ex-situ remediation methods
- 5. Case studies

WEEK 3: Bioremediation of herbicides and pesticides

- 1. Bioremediation of organic pollutants
- 2. Bioremediation of inorganic pollutants
- 3. Advances in microbial remediation

WEEK 4: Bioremediation of hydrocarbons and oil spills

- 1. Sequestering Carbon Dioxide
- 2. Bio-monitoring
- Applications of microbial enzymes
- 4. Bio-membrane reactors

-K. Lalitha co-ordinatel

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

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

PRAGATI ENGINEERING COLLEGE (Autonomous)

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(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
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D.No. 2-24-4/2, Ground Floor

OUTCOMES OF THE COURSE

Students will be able to:

- ✓ Understand the nature and importance of bioremediation;
- ✓ Know the influence of site characteristics to bioremediation rates;
- ✓ Have a knowledge of the impacts of contaminant characteristics to bioremediation process;
- Understand the use of bioremediation in real world applications.

K. Laliste Co-ordinato

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(Sponsored by Gayakiri Educational Society)

Respectively. Section 2 (f) and 12 (f) of UGC act, 1956)
(Sponsored by Gayakiri Educational Society)

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

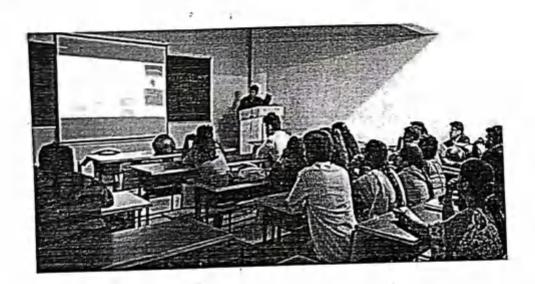
Resource Person Details

Name: D. VARUNESWAR

Designation: Assistant Professor 7416696288

Contact Details: 7416696288

Photographs during training Session



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Department of CIVIL Engineering

Bioremediation of Contaminated Soils

ATTENDANCE REPORT

S.No	Roll Number	Classes Conducted	Classes Attended
1	17A35A0103.	40	39
2	16A31A0165	40	38
3	16A31A0167	40	39
4	16A31A0126	40	40
5	16A31A0145	40	40
6	16A31A0152	40	40
7	16A31A01A7	40	40
8	16A31A0184	40	38
9	16A31A0127	40	39
10	17A35A0104	40	40
11	16A31A0130	40	37
12	16A35A0105	40	40
13	16A35A0113	40	40
14	16A35A0115	40	40
15	15A31A0164	40	39
16	15A31A0101 ·	40	38
17	15A31A0122	40	38
18	15A31A0160	40	40
19	15A31A0172	40	40
20	16A35A0125	40	40
21	16A35A0126	40	40
22	14A31A0111	40	38
23	14A31A0103	40	40
24	14A31A0113	40	38

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25	15A35A0128	40	40
26	14A31A0156	40	38
27	14A31A0107	40	40
28	15A35A0102	40	38
29	14A31A0160	40	40
30	15A35A0127	40	40
31	14A31A0163	40	39

K. Lalilta

Co-Ordinator

D. Wun Egwar

Resource Person

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

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

PRAGATI ENGINEERING COLLEGE
(Autonomous)
1-378, ADB Road, Surampalam, E.G. District, A.P. - 533 437
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(Recognised by UGC Under Bactlona 2 (f) and 12 (b) of UGC eat, 1956)
Ph. 108802 - 202233, 262234, 262236, Pac (202232, Website ; www.pregeti.nc.br
(Sponsored by Gayatri Educational Boolety)
D.Ho. 2-24-4/2, Ordered Floor, Januarid Sponsor Pack Road, Scineger, Hastmette - 3, Ph. 10864 - 2356909, Pac (2363900)

Department of CIVIL Engineering

STUDENTS ENROLLED FOR BIOREMEDIATION OF CONTAMINATED SOILS

S.No	Name of the Student	Roll Number	Signature
1	RAMINEEDI S M HARSHIKA	17A35A0103	1 March Cooke
2	KOYYALA ALISHYA	16A31A0165	son the experience
3	PATANI INDU SRI SURYA RAMA TULASI	16A31A0167	K-Pavon kumon
4	KANCHERLA RAM SAI PAVAN KUMAR	16A31A0126	Rem Gai Paran
5	PAMPANA VINAY VARDHAN	16A31A0145	P. Vinny Vardha
6	SURAVARAPU HARSHAVARDHAN	16A31A0152	P Vinny Vardham Hanshar Vahdhav
7	THOTA VENKATA MEHER SATYA SHAKTI	16A31A01A7	mehers satti
8	GOMPA MANIKANTA SITARAM	16A31A0184	Cu Atron
9	KANDULA V V V RAGHU RAM	16A31A0127	Cott . Afterior
10	BODDETI VEERA NAGENDRA	17A35A0104	
11	KAVALA MURALI SATYA DURGA SUBASH	16A31A0130	K.M.S.D. Subdr
12	TRIPURARI SAI BHUJANGA ASHRITHA	16A35A0105	T. Ashouthed
13	POTHU VIJAYA LAKSHMI	16A35A0113	p.v. Jakshmi.
14	REVU HARSHAVARDHINI	16A35A0115	diprope Conditioni
15	CHILLARA SAI SAMEERA	15A31A0164	C. Sai Samura
16	ANUKULA LAVANYA .	15A31A0101	
17	BHYRAVAVARJHULA SAI ANUDEEP	15A31A0122	A Lavanya
18	YATAM SURYA KIRAN	15A31A0160	- Survation

PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

19	YALLA RAJA RAJESWARI	15A31A0172	y Raja Pajervani
20	ODIMANI SRINIVAS	16A35A0125	P. Drinten
21	PALLEBOINA SRIKANTH	16A35A0126	Fritant
22	SANGISETTI PRAGNYA	14A31A0111	g. pragnya
23	BADAM VENKATA NAGA SAI TAYARU NAVEENA	14A31A0103	Havena
24	ULISI SAI	14A31A0113	enf)
25	VELUGUBANTLA.VENKATRAO	15A35A0128	Up Negara-
26	NARLA VENKATA KRISHNA SANTOSHI	14A31A0156	Bonthoshi
27	MATCHA SRAVANI	14A31A0107	M. Sravny
28	ANGA MODHA TULASI REVATHI	15A35A0102	Lewathi
29	VODURI RESHMA	14A31A0160	V-Reshma
30	VARJININDI VIKASH	15A35A0127	V. Vikash
31	BHIMANA NAGA MAHESH	14A31A0163	NAM L

Ko. Labilton

Co-Ordinator

Q. Voun Eyest

Resource Person



K

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(Autonomous)

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Website (www.pregnfl.ac.in al Boolety) neds - 3, Ph (0864 - 2365900, Fee : 2363500

Department of CIVIL Engineering

Bioremediation of Contaminated Soils

Attendance Sheets

Roll No.	Dt: /6	108	Dt: /7	108	Dt: 18	1/08	Dt: /c	1/08	Dt: 2	108	Dt: 2	2/08
	1	2	3	4	5	6	7	8	9	10	11	12
17A35A0103	P	P	P	P	P	P	A	P	P	P	P	P
16A31A0165	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0167	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0145	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0152	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01A7	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0184	P	P	P	P	A	A	P	P	P	P	P	P
16A31A0127	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0104	P	P	·P	P	P	P	P	P	P	P	P	P
16A31A0130	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0105	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0113	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0115	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0164	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0101	P	P	P	P	P	P	A	A	P	P	P	P
15A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0172	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0125	P	P	·P	P	P	P	P	P	P	P	P	P
16A35A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0111	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0103	P	P	P	P	P	P	P	P	P	P	P	P



PRINCIPAL PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM 2-ddanuram - G.Dt. (AP)-533 437



14A31A0113	P	P	P	P	P	P	P	D	P	P	P	P
15A35A0128	P	P	P	P	P	P	D	P	P	P	P	P
14A31A0156	P	P	P	P	P	D	P	0	D	P	P	P
14A31A0107	P	P	P	P	P	10	D	p	P	P	P	P
15A35A0102	P	P	P	P	P	0	D	P	P	P	P	P
14A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0127	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0163	P	P	P	P	P	D	P	P	P	D	D	D

k. Lalitha

Co-Ordinator

Q. Lown Elicar

Resource Person



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PRAGATI ENGINEERING COLLEGE
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1-378, ADD Road, Surempelors, E.G.Dishiel, A.P. - 533 437
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Ph.: 08832 - 262233, 262234, 262233, Fax: 283232, Website I wave pregen activities.

Department of CIVIL Engineering

Bioremediation of Contaminated Soils

Attendance Sheets

Roll No.	Dr:23	100	De: 24	1/00	Dr: 24	5/68	Dt: 2	8/08	Dt: 25	1/00	Dt: 30	109
	13	14	15	16	17	18	19	20	21	22	2.5	24
17A35A0103	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0165	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0167	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0145	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0152	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01A7	P	P	P	P	P	P	P	P	PI	P	P	P
16A31A0184	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0127	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0130	P	P	P	P	P	P	P	P	P	P	A	A
16A35A0105	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0113	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0115	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0164	P	P	P	P	P	P	A	P	P	P	P	P
15A31A0101	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0172	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0125	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0111	P	P	.P	P	P	P	P	P	P	P	A	A
14A31A0103	P	P	P	P	P	P	P	P	P	P	P	P

14A31A0113	P	P	.P	P	P	P	P	P	P	P	A	A
15A35A0128	P	P	A.	A.	P	P	P	P	P	P	P	P
14A31A0156	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0107	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0102	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0127	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0163	P	P	P	P	P	P	P	P	P	P	P	P

Ko. Lake than

Co-Ordinator

D. Warn Elwar

Resource Person

HOD-CIVIL THEALEN

K

PRAGATI ENGINEERING COLLEGE
(Autonomous)

N 1-378, ADB Rond, Surampalem, E. G. District, A.P. - 533 437
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(Recognised by UGC Uniter Bections 2 (f) and 12 (b) of UGC act, 1956)
Ph: 08602 - 252233, 252234, 252235, Fax; 252232, Websito: www.pragati.ac.in
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1-24-4/2, Oroxad Fixor, Janualticorni Perk final, Brinager, Kahinada - 3, Ph: 0864 - 2356909, Fax; 2363900

D.No. 2-24-4/2, Orosand Place

Department of CIVIL Engineering

Bioremediation of Contaminated Soils

Attendance Sheets

Roll No.	Dt: 3/	108	Dt: 0	100	Dt: O	4/09	Dt: 65	aq	Dt: O	6/19	Dt: O	7/19
	25	26	27	28	29	30	3/	32	33	34	35	36
17A35A0103	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0165	P	P	P	P	P	P	A	A	P	P	P	P
16A31A0167	P	P	P	P	A	P	P	P	P	P	P	P
16A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0145	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0152	P	P	P	P	P	P	P	P	P	P	P	P
16A31A01A7	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0184	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0127	P	P	P	P	P	P	A	P	P	P	P	P
17A35A0104	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0130	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0105	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0113	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0115	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0164	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0101	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0122	P	P	P	P	P	P	P	P	P	P	A	A
15A31A0160	P	P	·P	P	P	P	P	P	P	P	P	P
15A31A0172	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0125	P	P	P	P	P	P	P	P	P	P	P	P
16A35A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0111	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0103	P	P	P	P	P	P	P	P	P	P	P	P

14A31A0113	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0128	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0156	P	P	P	P	D	P	P	P	P	P	P	P
14A31A0107	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0102	P	P	H	A	P	P	P	P	P	P	P	P
14A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
15A35A0127	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0163	P	P	P	P	P	P	P	P	P	P	P	A

Ks. Lalitha

Co-Ordinator

Q. Valuer Esusar

Resource Person



*

PRAGATI ENGINEERING COLLEGE
(Autonomous)

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(Approved by ACTE & Permanently Affiliated to JHTUK, Kakinada & Accordined by NAC wide: W Grade)
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Ph.: 08852 - 267233, 262234, 262235, Fax: 252237, Website: www.pragati.ac.in
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24-4/2, Onusid Floor, Jahmetiksomi Park (ficel), Bringer, Kabineda - 3, Ph.: 0684 - 2366900, Fax: 2363900

Department of CIVIL Engineering

Bioremediation of Contaminated Soils

Attendance Sheets

Roll No.	Dt:08/09		Dt: 09/09		Dt:		Dt:		Dt:		Dt:	
	37	38	39	40								
17A35A0103	P	P	P	P		. 1						
16A31A0165	P	P	P	P								
16A31A0167	P	P	P	P								
16A31A0126	P	P	P	P					-			
16A31A0145	P	P	P	P								
16A31A0152	P	P	P	·P								
16A31A01A7	P	P	P	P	y (8)				-			
16A31A0184	P	P	P	P								
16A31A0127	P	P	P	P			7					
17A35A0104	P	P	P	P		779						
16A31A0130	A	P	P	P		27						
16A35A0105	P	P	P	P		(12)	7	11.				
16A35A0113	P	P	P	P		5 7						
16A35A0115	P	P	P	P						-		
15A31A0164	P	P	P	P								
15A31A0101	P	P	P	P								-
15A31A0122	P	P	P	P								\vdash
15A31A0160	P	P	P	P								1
15A31A0172	P	P	P	P		V			1	-	-	1
16A35A0125	P	P	P	P					1		-	+
16A35A0126	P	P	P	P					-		-	+
14A31A0111	P	P	P	P		-			-		-	+
14A31A0103	P	p	P	P					-		-	+

14A31A0113	P	P	P	P				
15A35A0128	P	P	.P	12				_
14A31A0156	P	P	P	P		1		
14A31A0107	P	P	P	P				
15A35A0102	P	P	P	P				_
14A31A0160	P	P	P	P				
15A35A0127	P	P	P	P				
14A31A0163	P	P	P	P				

K. lalitha

Co-Ordinator

Q. Wun Eswar

Resource Person

HOD-CIVE COLLEGE TO

gr.

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

1-370, ADB Road, Surampalem, E. G. District, A. P. - 533 437

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

Ph : 08852 - 267233, 252234, 252236, Fax: 262232, Website : www.pragnil.ac.in

(Sponsored by Gayatri Educational Society)

2, Ground Floor, Janmabhoomi Park Road, Srinegar, Katinada - 3, Ph : 0884 - 2355900.

Department of CIVIL Engineering

FEEDBACK FORM

Date: 09 - 09 - 2017

DEPARTMENT

CIVIL

ACADEMIC YEAR

2017-18

NAME OF THE SPEAKER

D. Vanunesum

TITLE OF TRAINING PROGRAM

Brosiemdrateon of contamenated

Joor

DATE/VENUE

: 16 8 2017 , CS-5

Please Evaluate on a scale of 5:

4 - Very Good 5 - Excellent

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

5

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

(

P. V. Jolahoni Signature/ Name of the Student (Optional)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

PRAGATI ENGINEERING COLLEGE
(Autonomous)

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Ph : 08852 - 262233, 262234, 262236, Fax : 262232, Website : www.pragnili.ac.in
(Boonsored by Oawart Educational Society)

Department of CIVIL Engineering

FEEDBACK FORM

Date: 09 - 09 - 2017

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2017 - 18

NAME OF THE SPEAKER

: D. Varuneswa

TITLE OF TRAINING PROGRAM

: Bioremediation of Contaminated

DATE/VENUE

: CS 5 16/08/2017

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

1. Lavanya

Signature/ Name of the Student (Optional)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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PRAGATI ENGINEERING COLLEGE
(Autonomous)

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24-4/2, Ground Floor, Jannishborichi Park Road, Brinegar, Kakinada - 3, Ph : 0664 - 2356900, Fax i 2363900

*Department of CIVIL Engineering

FEEDBACK FORM

Date: 9-09-2017.

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2017 - 2018

NAME OF THE SPEAKER

: D. Variunceshwar

TITLE OF TRAINING PROGRAM

: Bio remidiation of contaminated

sail

DATE/VENUE

: 16-08-2017, CS-5

Please Evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

5. pragnya.
Signature/Name of the Student (Optional)

PRAGATI ENGINEERING COLLEGE
(Autonomous)

1-378, ADD Road, Surempalom, E.G. District, A.P. = 533 437
(Approved by ACTE & Pyromerently Afficience of the Community Affici

Department of CIVIL Engineering FEEDBACK FORM

Date: 09-09-2017

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2014-2018

NAME OF THE SPEAKER

: D. Voorun Egross

TITLE OF TRAINING PROGRAM

: Bio-oremedation of contaminated Soil

DATE/VENUE

: C85 16/08/2017

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

4. Is the topic useful for career

Suggestion if any

K. Pavan Kumas Signature/ Name of the Student (Optional)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

(Autonomous)

1-376, ADB Road, Surampalam, E.G.District, A.P. - 533 437

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

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

Phs: 06652 - 252233, 252234, 252235, Fax: 252232, Website: www.pragati.ac.kn

D.No. 2-24-4/2, Ground Floor, Jarmethoomi Park Road, Brinagar, Kalinada - 3, Ph : 0664 - 2355900, Fax : 2363900

Department of CIVIL Engineering

FEEDBACK FORM

Date: 09-09-2017

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2017-2018

NAME OF THE SPEAKER

: D. Vosum Eswas

TITLE OF TRAINING PROGRAM

: Bid - exemediation of Contaminated

Soil

DATE/VENUE

: CS 5 16 08 2017

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

.

T. As withed
Signature/Name of the Student
(Optional)

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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

*

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)



PARTICIPATION CERTIFICATE
DEPARMENT OF CIVIL ENGINEERING
This certificate is proudly presented to

TSB ASHRITHA

FOR THE PARTICIPATING THE WORKSHOP ON "BIO REMEDIATION OF CONTAMINATED SOILS" ON 03/08/2017.

lalitha

FA CULTY INCHARGE

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(AUTONOMOUS)
1-378, ADB ROAD, SURAMPALEM

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

CIVIL - HOD

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

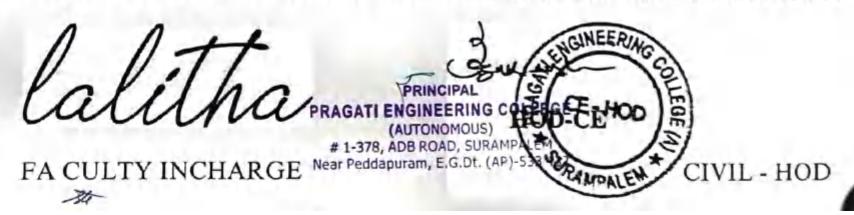


PARTICIPATION CERTIFICATE
DEPARMENT OF CIVIL ENGINEERING

This certificate is proudly presented to

KMSD SUBASH

FOR THE PARTICIPATING THE WORKSHOP ON "BIO REMEDIATION OF CONTAMINATED SOILS" ON 03/08/2017.



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

DEPARTMENT OF CIVIL ENGINEERING

Surampalem

Date: 27/12/2017

CIRCULAR

It is to inform all the students of BTech II, III, & IV year that the department of Civil Engineering is planning to organize a LEVEL A (AIR QUALITY MODELLING AND MANAGEMENT) Workshop on 18/01/2018 to 10/02/2018 by department of Civil Engineering. All the interested candidates can enroll their names with Ms. R.S.KSupretha, Assistant professor, Department of Civil Engineering on or before 03/01/2018. The number of participants to this is limited; preference is based on first come first basis.

Venue: Classroom CS-5 CIVIL DEPARTMENT BLOCK

Date: 18/01/2018 to 10/02/2018

URAMP HOD-CE

Copy to:

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

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D No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph.: 0684 - 2355900, Fax.: 2363900

Objective of the Course

The course is designed for students to learn the essential concepts of treatment of contaminated soils by bio-remediation methods. By studying the course, students can know what are the causes for contamination of soils and how to remove those contaminants in a safe manner naturally.

Topic Covered:

WEEK 1: Air Quality Monitoring

- 1. Definitions
- 2. Sources and classification of Air Pollutants
- Air quality standards
- Advantages and Disadvantages
- 5. Global effects of air pollution

WEEK 2: Air Pollution Meteorology

- Temperature lapse rates and stability
- 2. Wind velocity and turbulence
- 3. Plume behavior
- 4. Dispersion of Air pollutants

WEEK 3: Air Quality Modelling

- Various types of Dispersion models
- 2. Gaussian Dispersion Model
- 3. Advantages and Disadvantages of each model

WEEK 4: Air Quality Management

- Gaseous pollutants' sampling and analysis
- Gaseous pollution control methods
- 3. Sources of pollution
- Control methods

Co - Ordinator

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OUTCOMES OF THE COURSE

Students will be able to:

- ✓ Identify the roots of air pollution and its impact;
- ✓ Assess critically current air quality management methods;
- ✓ Describe how atmospheric meteorology affects the transport, transformation and dispersion of the air pollutants;
- Adopt new advance and opportunities in air quality control and management.

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Resource Person Details

Name: D. Durga Shankar

Designation: Assistant Professor

Contact Details: 8143104030

Photographs during training Session



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Department of CIVIL Engineering

STUDENTS ENROLLED FOR AIR QUALITY MODELLING AND MANAGEMENT

S.No	Name of the Student	Roll Number	Signature
1	RAMENA LAKSHMI PRASANNA	15A35A0116	DIA.
2	GRANDHI LAKSHMI SRAVYA	14A31A0105	Savya
3	BALLA ASWIN	14A31A0119	& Ashin
4	INAKOTI SASIKUMAR	14A31A0170	(1. Sasitumer
5	GUBBALA SREENIVAS	14A31A0126	Ca Securiyas.
6	KURANGI NAGENDRA PRASAD	14A31A0179	frand
7	KARA RESHMA	14A31A0153	2 Delmar
8	KAKARA BHAVITHA SRI	14A31A0152	2350
9	CHINTAKAYALA POORNA MANESWARI	14A31A0149	Pourus
10	VUNGARALA UMA SAI SUDHA	14A31A0161	Suppor
11	ANDIMENU ANIL KUMAR	14A31A0116	- And Dune
12	SERU JAYA SRINU PRAKASH	15A31A01A8	hatash
13	PALIVELA MANIKANTA	15A31A01A3	P. Marinto
14	VIJAYA BHIMA RAJU MURALI	15A31A0159	murali.
15	SIVAKOTI SWETHA SREE	15A31A0167	S. Swetha Srce
16	MIRTHIPATI VEERA VENKATA SATYA MUTYALA RAO	15A31A0198	V. S. m. Dar
17	KONDAPALLI SANDEEP	15A31A0188	Sander
18	SYYED MOHAMMED RAFI	15A31A0153	S.M. Rafi
19	BADUGU NIKHIL RAVI TEJA	15A31A0175	
20	KUDUPUDI HARSHAVARDHAN KUMAR	15A31A0189	PANCIPAL!

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

21	NEELA RATNAGIRI VASU	15A31A01A2	N.R.G. Lasu
22	REMELLA AMRUTHA SATHVIKA	15A31A0109	P.A. Sathiyita
23	DANTULURI VARSHITHA	16A31A0160	DAShik
24	KOYYALA ALISHYA	16A31A0165	E. Alshya
25	CHINTALAPUDI RAMAKRISHNA BHAGAVAN	16A31A0179	ch. R.K. Bhagavan
26	MOHAMMAD GOUSIYA BEGAM	17A35A0119	Because . M.
27	KOTHAPALLI PRAVEEN KUMAR	17A35A0125	Perevuel.
28	GOGULA VISWANADH	16A31A0122	6. Viswanadh
29	MARAPATLA AVINASH	16A31A0134	suisus
30	PALIKI KIRAN KUMAR	16A31A0144	Kirentaur.
31	MOHAMMED YASEEN	16A31A0135	408mh
32	NAKKA KRISHNA SRI SAI	16A31A0194	Svi Sal.
33	KARNEEDI GANESH	16A31A0128	& Comb.

Co-Ordinator

Resource Person

HOD-CIVIL

PRAGATI ENGINEERING COLLEGE

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PRAGATI ENGINEERING COLLEGE (Autonomous)

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Grand Flore, Januarithsons Park Hoad; Brinager, Kaksinsta - 3, Ph. 0884 - 2365900, Fax. 2363900

D No. 2-24-4/2, Grinand Phre.

Department of CIVIL Engineering

Air Quality Modelling and Management

Attendance Sheets

Roll No.	DC 1-8	101/18	DE 19	0/18	Dund	0/18	Dt: 23	10118	- 1	19/18	Dt: 21	
	1	2	3	4	5	6	7	8	9	10	11	15
15A35A0116	P	P	P	P	P	P	P	P	P	P	P	A
14A31A0105	P	9	9	A	P	A	P	P	P	P	P	P
14A31A0119	P	P	P	P	P	P	P	P	P	P	P	A
14A31A0170	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0179	P	P	P	P	P	A	P	P	9	P	P	P
14A31A0153	P	A	P	P	P	P	P	P	P	P	P	P
14A31A0152	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0149	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0161	P	P	P	P	P	P	P	P	P	ρ	P	P
14A31A0116	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A3	P	P	P	P	P	P	P	P	P	.b	P	P
15A31A0159	P	P	A	P	P	P	P	P	P	P	P	P
15A31A0167	-	P	P	P	P	A	P	P	P	P	P	P
15A31A0198	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0188	-	P	P	P	P	P	P	P	P	P	P	P
15A31A0153	-	P	P	P	P	P	P	P	P	P	P	P
15A31A0175	P	P	P	P	A	P	P	P	P	P	P	P
15A31A0189	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A2	1	P	P	P	P	P	P	P	P	-	P	P
15A31A0109		P	P	P	P	P	P	PY	P	P	P	P

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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

16A31A0160	0	0	0	P	0	0	0	0	P	P	P	P
16A31A0165	P	P	P	0	P	P	P	P	P	P	P	P
16A31A0179	A	0	0	P	P	P	P	P	P	P	P	P
17A35A0119	P	A	P	P	P	P	P	A	P	P	P	P
17A35A0125	P	P	P	N	0	P	P	P	P	A	P	P
16A31A0122	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0134	0	P	P	P	P	P	P	P	P	P	P	P
16A31A0144	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0135	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0194	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0128	P	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator

Resource Person

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(AUTONOMOUS)
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Department of CIVIL Engineering

Air Quality Modelling and Management

Attendance Sheets

Roll No.	Dt: 5	102/18	Dt: 6	102/18	Di: 7	02/18	Dt: 2	102/18	Dt: 9	102/12	Dt: 10	12/18
	13	14	15	16	13	18	19	20	21	22	23	24
15A35A0116	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0105	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0119	A	P	P	P	P	P	P	P	P	P	P	P
14A31A0170	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0179	P	P	P	A	P	P	P	P	P	P	P	P
14A31A0153	P	P	9	P	P	P	A	P	P	P	P	P
14A31A0152	A	P	P	P	P	P	P	P	P	P	P	P
14A31A0149	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0161	P	P	P	P	P	P	P	P	P	ρ	P	P
14A31A0116	P	P	P	P	ρ	р	P	A	P	P	P	P
15A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A3	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0159	P	P	P	P	A	Р	P	P	P	P	P	ρ
15A31A0167	P	P	P	ρ	P	P	P	P	P	P	P	P
15A31A0198	P	Р	р	P	P	P	P	P	P	P	P	P
15A31A0188	P	Р	P	P	P	P	P	P	P	P	P	P
15A31A0153	P	Р	P	P	P	P	P	P	P	P	P	P
15A31A0175	P	P	P	p	P	A	P	P	P	P	P	P
15A31A0189	P	P	p	p	P	P	P	Р	P	P	P	P
15A31A01A2	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0109	P	P	P	P	P	P	P	P	B	P	P	P

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17A35A0119	P	P	P	P	P	P	P	P	P	P	P	P
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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
16A31A0135	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0194	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0128	P	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Air Quality Modelling and Management

Attendance Sheets

Roll No.	DI: 25	5/01/18	Dt: 25	Holls	DI: 2	910/18	Dt: 30	10/18	Dt:3	1 0 18	Dt: 01	102/19
	25	26	27	28	29	30	31	32	33	84	35	36
15A35A0116	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0105	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0119	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0170	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0126	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0179	P	P	P	P	P	P	ρ	P	P	P	P	P
14A31A0153	P	P	P	P	P	P	P	P	P	P	P	P
14A31A0152	P	P	P	P	P	P	P	P	P	p	P	P
14A31A0149	Р	P	P	P	P	P	P	P	P	P	ρ	P
14A31A0161	P	Р	P	P	P	P	P	P	P	P	P	P
14A31A0116	P	P	P	P	P	P	P	P	P	P	8	P
15A31A01A8	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A3	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0159	P	P	P	P	P	P	P	P	Р	P	P	P
15A31A0167	P	P	P	P	P	P	9	P	P	P	P	P
15A31A0198	p	P	·P	P	P	P	P	P	P	P	P	P
15A31A0188	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0153	p	P	P	P	P	P	P	P	P	P	P	P
15A31A0175	P	P	P	P	P	P	P	P	P	P	P	b
15A31A0189	P	P	P	P	P	P	P	P	P	P	P	P
15A31A01A2	P	P	P	P	P	P	P	P	P	P	P	P
15A31A0109	P	P	P	P	P	P	P	P	P	P	P	P

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16A31A0160	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0165	P	P	·P	P	P	P	P	P	P	P	P	P
16A31A0179	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0119	P	P	P	P	P	P	P	P	P	P	P	P
17A35A0125	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
16A31A0135	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0194	P	P	P	P	P	P	P	P	P	P	P	P
16A31A0128	P	P	P	P	P	P	P	P	P	P	P	P

Co-Ordinator

Resource Person

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Department of CIVIL Engineering

Air Quality Modelling and Management

Attendance Sheets

Roll No.	Dt: 14	102/18	Dt:)8	102/18	Dt:	Di	:	Dt:	Dt:	
	37	38	39	40						
15A35A0116	P	P	12	P						
14A31A0105	P	P	P	P						1
14A31A0119	P	P	P	P						
14A31A0170	P	P	P	P						
14A31A0126	P	P	P	P						
14A31A0179	P	P	P	P						
14A31A0153	P	P	P	P						
14A31A0152	P	P	P	P		-				
14A31A0149	P	P	P	P						
14A31A0161	P	P	P	P						
14A31A0116	P	P	P	P						
15A31A01A8	P	P	P	P		1				
15A31A01A3	P	P	P	P				1		
15A31A0159	P	P	P	P			7			
15A31A0167	P	P	P	P						
15A31A0198	P	P	P	P						
15A31A0188	P	P	P	P						
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5A31A0175	P	P	P	P						
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5A31A0109	P	P	P	P	5 5		_	P		

PRINCIPAL

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

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

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16A31A0179	P	P	P	P	-	-					+
17A35A0119	P	P	P	P		-	-	-			-
17A35A0125	P	P	P	P			-	1		+	-
16A31A0122	P	P	P	P			 -		-	-	-
16A31A0134	P	P	P	P			-	-	-		-
16A31A0144	P	P	P	P			-		-	_	_
16A31A0135	P	P	P	p		-	-		-		-
16A31A0194	P	P	P	P			-				
16A31A0128	P	P	P	P			9				

Co-Ordinator

Resource Person

HOD-CIVIL

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD SURAMPALEM Near Peddapuram, E G Dt. (AP)-533437

1-376, ADB Road, Surampalem, E.G. District, A.P. - 533 437
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1: 08652 - 252233, 262234, 262235, Fax. 262237, Website; www.pragatl.ac.in

Ph.: 08852 - 252233, 202234, 252235, Fax. 252232, Website: www. (Sponsored by Cayatri Educational Society) D.No. 2-24-4/2, Oround Floor, Janmatrisonii Park Road, Straeger, Kathands - 3, Ph.

Department of CIVIL Engineering

Air Quality Modelling and Management

ATTENDANCE REPORT

S.No	Roll Number	Classes Conducted	Classes Attended
1	15A35A0116	40	39
2	14A31A0105	40	38
3	14A31A0119	40	38
4	14A31A0170	40	40
5	14A31A0126	40	40
6	14A31A0179	40	38
7	14A31A0153	40	38
8	14A31A0152	40	39
9	14A31A0149	40	40
10	14A31A0161	40	40
11	14A31A0116	40	39
12	15A31A01A8	40	40
13	15A31A01A3	40	40
14	15A31A0159	40	38
15	15A31A0167	40	39
16	15A31A0198	40	40
17	15A31A0188	40	40
18	15A31A0153	40	40
19	15A31A0175	40	38
20	15A31A0189	40	40
21	15A31A01A2	40	40
22	15A31A0109	40	. 40
23	16A31A0160	40	40
24	16A31A0165	40	38

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		40	38
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28	16A31A0122	40	40
29	16A31A0134	40	40
30	16A31A0144	40	40
	16A31A0135	40	40
31		40	40
32	16A31A0194		40
33	16A31A0128	40	

Co-Ordinator

Resource Person

HOD-CIVIL

PRAGATI ENGINEERING COLLEGE

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

d by Gayatri Educational Society) D.No. 2-24-4/2, Ground Floor, Janmathoomi Par

Department of CIVIL Engineering

FEEDBACK FORM

Date: 10 02 20 18

DEPARTMENT

: CIVIL ENGINEERING

ACADEMIC YEAR

: 2017-2018

NAME OF THE SPEAKER

: O. DURGA SHANKAR

TITLE OF TRAINING PROGRAM

: AIR GUALITY MODELLING AND

MANAGIEMENT

DATE/VENUE

: 10/02/2018

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

5

3. Related to Subject

4

4. Is the topic useful for career ,

5

5. Suggestion if any

Name of the Student (Optional)

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-379, ADB ROAD, SURAMPALEM war Peddapuram, E.G.Dt. (AP)-533:17

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437 (Approved by AICTE & Permanently Affiliated to JNTUK, Kaldneda & Accredited by NAAC with 'A'Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
Ph : 08852 - 252233, 252234, 252235, Fax : 252232 Website : www.pragati.ac.in
(Sponebred by Gayatri Educational Society)
(Sponebred by Gayatri Educational Society)
D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Brinagar, Kakinada - 3, Ph : 0564 - 2355900, Fax :

Department of CIVIL Engineering FEEDBACK FORM

Date: 18/01/9018

DEPARTMENT

: CIVIL ENGINEERING

ACADEMIC YEAR

: 2017 - 2018

NAME OF THE SPEAKER

: D. DURGIA SHANKAR

TITLE OF TRAINING PROGRAM

: AIR QUALITY MODELLING & MANAGEMENT

DATE/VENUE

: 18/02/2018

Please evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

Usefulness of topic

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature/ Name of the Student

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

Department of CIVIL Engineering

FEEDBACK FORM

Date: 18/02/2018

DEPARTMENT

: CIVIL ENGINEERING

ACADEMIC YEAR

: 2017 -18

NAME OF THE SPEAKER

: D. DURGA SHANKAR

TITLE OF TRAINING PROGRAM

: AIR QUALITY MODELLING AND

MANAGEMENT

DATE/VENUE

: 18/02/2018

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

5

3. Related to Subject

4. Is the topic useful for career

Suggestion if any

ch. Manisway Signature/ Name of the Student

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PRAGATI ENGINEERING COLLEGE

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Department of CIVIL Engineering FEEDBACK FORM

Date: 18/2/18

DEPARTMENT

: CIVIL

ACADEMIC YEAR

: 2017 - 2018

NAME OF THE SPEAKER

: O Owiga senkhan

TITLE OF TRAINING PROGRAM

: Air quality modelling & Management

DATE/VENUE

. 18/02/28

Please evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3-Average

2 - Poor

1 - Avoid

1. Usefulness of topic

2. Method of Delivery

3. Related to Subject

4. Is the topic useful for career

5. Suggestion if any

Signature/ Name of the Student

Mujalarao

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM lear Peddapuram, E G.Dt (AP)-533:17

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Department of CIVIL Engineering

· FEEDBACK FORM

Date: 18-01-2018

DEPARTMENT

: CIVIL ENGINEERING DEPT.

ACADEMIC YEAR

: 2017 -18

NAME OF THE SPEAKER

: D. DURGA SANKAR

TITLE OF TRAINING PROGRAM

: AIR QUALITY MODELING \$

MANAGEMENT

DATE/VENUE

: 18-01-2018

Please evaluate on a scale of 5:

5 - Excellent

4 - Very Good

3 - Average

2 - Poor

1 - Avoid

1. Usefulness of topic

2. Method of Delivery

Related to Subject

4. Is the topic useful for career

Suggestion if any

Signature/ Name of the Student

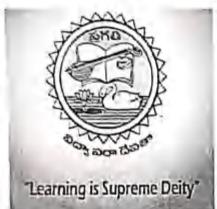
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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)



PARTICIPATION CERTIFICATE
DEPARMENT OF CIVIL ENGINEERING
This certificate is proudly presented to

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FOR THE PARTICIPATING THE WORKSHOP "AIR QUALITY MODELING AND MANAGEMENT" ON 18/01/2018.

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

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PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)



PARTICIPATION CERTIFICATE
DEPARMENT OF CIVIL ENGINEERING
This certificate is proudly presented to

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FOR THE PARTICIPATING THE WORKSHOP "AIR QUALITY MODELING AND MANAGEMENT" ON 18/01/2018.

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CIVIL - HOD





ENHANCING SOFT SKILLS AND PERSONALITY

PROF.T. RAVICHANDRAN

Department of Humanillos and Social Sciences

TYPE OF COURSE COURSE DURATION : Rerun | Elective | UG/PG

A weeks

INTENDED AUDIENCE: Students, Tenchers, Professionals, Trainers, Leaders, Employers INDUSTRIES APPLICABLE TO: All industry/companies/organisations will recognize and value this course and recommend this for their amployees and trained 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 rotain it, climb further, reach a pinnacle, actieve 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 Happyl

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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(Recognized by 1930: Under Sections 2(D and 12 (II) of UGC set, 1936)

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DEPARTMENT OF CIVIL ENGINEERING

List of Registered Students

Name of The Program: Enhancing Soft Skills and Personality

Academic Year: 2017 - 2018

Roll.No	Name of the Student	Dept	Duration	Certified (Yes/No)
17A31A0161	GADIKOYYALA VENKATA SURYA	Civil	Feb – Mar 2018	Yes
1743140173	UPPALAPATI VEERA	Civil	Feb - Mar 2018	Yes
	CHITTURI MANOHAR	Civil	Feb - Mar 2018	Yes
	TILLAPUDI VINAY	Civil	Feb – Mar 2018	Yes
		17A31A0161 GADIKOYYALA VENKATA SURYA SRAVANI UPPALAPATI VEERA SATYA ANJALI 17A31A0182 CHITTURI MANOHAR TILLAPUDI VINAY	17A31A0161 GADIKOYYALA VENKATA SURYA SRAVANI 17A31A0173 UPPALAPATI VEERA SATYA ANJALI 17A31A0182 CHITTURI MANOHAR Civil	17A31A0161

Coordinator

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



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PRAGATI ENGINEERING COLLEGE EAST GODAVARI



Score	Type of Certificate
>=90	Elife + Gold Medal
60-89	Esta
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

TILLAPUDI VINAY TEJA

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of 58 %

Online Assignments 20.5/25 Proctored Exam 37.5/75

Total number of candidates certified in this course: 2840

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

Feb-Mar 2018 (8 week course) PARICIPAL

Prof. Satyaki Roy NPTEL Coordinator

Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE

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



PRAGATI ENGINEERING COLLEGE EAST GODAVARI



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

No. of credits recommended by NPTEL:2





Certification nline (

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



This certificate is awarded to

GADIKOYYALA VENKATA SURYA SRAVANI

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of 61 %

Online Assignments 17.75/25 Proctored Exam 43.5/75

Center for Continuing Education, IITK

Total number of candidates certified in this course: 2840

(8 Week course) PRAGATI ENGINEERING COLLEGE Condition Feb-Mar 2018

Prof. Satyaki Roy

(AUTONOMOUS)

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

Prof. T. V. Prabhakar

Indian Institute of Technology Kanpur



INTRODUCTION TO INTERNET OF THINGS

PROF. SUDIP MISRA

Department of Computer Science and Linginvering HT Kharagpur

PRE-REQUISITES Basic programming knowledge

INTENDED AUDIENCE: GSE, IT, ECE, EE, Instrumentation Engineering, Industrial Engineering

COURSE OUTLINE :

Internet of Things (IoT) is presently a hot technology worldwide. Government, academia, and industry are involved in different aspects of research, implementation, and business with IoT. IoT cuts across different application domain verticals ranging from civilian to defence sectors. These domains include agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IoT. Today it is possible to envision pervasive connectivity, storage, and computation, which, in turn, gives rise to bullding different IoT solutions. IoT-based applications such as innovative shopping system, infrastructure management in both urban and rural areas, remote health monitoring and emergency notification systems, and transportation systems, are gradually relying on IoT based systems. Therefore, it is very important to learn the fundamentals of this emerging technology.

ABOUT INSTRUCTOR:

Prof. Sudip Misra is a Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology Kharagpur, Prior to this he was associated with Cornell University (USA), Yale University (USA), Nortel Networks (Canada) and the Government of Ontario (Canada). He received his Ph.D. degree in Computer Science from Carleton University, in Ottawa, Canada. He has several years of experience working in the academia, government, and the private sectors in research, teaching, consulting, project management, architecture, software design and product engineering roles. His current research interests include Wireless Ad Hoc and Sensor Networks, Internet of Things (IoT), Computer Networks, Learning Systems, and algorithm design for emerging communication networks, Prof. Misra is the author of over 260 scholarly research papers, including 140+ reputed journal papers. He has won seven research paper awards in different conferences.

COURSE PLAN:

- Week 1: Introduction to IoT: Part II, Part II, Sensing, Actuation, Basics of Networking: Part-I
- Week 2: Basics of Networking: Part-II, Part III, Part IV, Communication Protocols: Part I, Part II
- Week 3: Communication Protocols: Part III, Part IV, Part V, Sensor Networks: Part I, Part II
- Week 4: Sensor Networks: Part III, Part IV, Part V, Part VI, Machine-to-Machine Communications
- Week 5: Interoperability in IoT, Introduction to Arduino Programming: Part I, Part II, Integration of Sensors and Actuators with Arduino: Part I, Part II
- Week 6: Introduction to Python programming, Introduction to Raspberry Pi, Implementation of IoT with Raspberry Pi
- Week 7: Implementation of IoT with Raspberry Pi (contd), Introduction to SDN, SDN for IoT
- Week B: SDN for IoT (contd), Data Handling and Analytics, Cloud Computing
- Week 9: Cloud Computing(contd), Sensor-Cloud
- Week 10: Fog Computing, Smart Cities and Smart Homes
- Week 11: Connected Vehicles, Smart Grid, Industrial IoT
- Week 12: Industrial IoT (contd), Case Study: Agriculture, Healthcare, Activity Monitoring



PRINCIPAL AGATI ENGINEERIN

PRAGATI ENGINEERING COLLEGE

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





(Autonomous)

ADB Road, Suranapalem, E.G.Di., A.P. = 533-437

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

Ph. 08852 = 252211, 14 Website, wivey pragan actin.

List of Registered Students

Name of the Program: Introduction to Internet of things

A.Y: 2017-18

S.No	Roll No.	Name of the Student	Dept	Duration	(Yes/No)
1	15A31A0282	Jetty Karthik Reddy	EEE	July-Oct 2017	Yes
2	15A31A0224	Dvibhashyam Srinivasa Seetarama Dattu	EEE	July-Oct 2017	Yes
3	15A31A0253	Surath Siva Kumar	EEE	July-Oct 2017	Yes

Coordinator

to

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



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

lo. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

SURATH SIVA KUMAR

for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of 68 %

Online Assignments | 22.25/25 | Proctored Exam | 45.75/75

Total number of candidates certified in this course: 1841

Prof. Anupam Basu Chairman and Head for Educational Technology, IIT Kharagpur Jul-Oct 2017

(12 week RINETPAL

FRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

A. Goshami

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpu



Indian Institute of Technology Kharagpus78, ADB ROAD, SURAMPALEM Ne or Perchanting Mr. F.G.Dt. (AP)-533 437

In partnership with NASSCOM



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

lo. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

DVIBHASHYAM SRINIVASA SEETHARAMA DATTU

for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of 66 %

Online Assignments 21.75/25 Proctored Exam 44.25/75

Total number of candidates certified in this course: 1841



Prof. Anupam Basu Chairman and Head for Educational Technology, IIT Kharagpur Jul-Oct 2017

A Gosnami

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpu

Indian Institute of

FRAGATI ENGINEERING COLLEGE

Indian Institute of Technology Kharagpur 1-378, ADB ROAD, SURAMPALEM
Near Peddapuram, F.G. Dt. (AP) 533 43

In partnership with NASSCOM

Roll No: NPTEL17C522S1750088

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



CLOUD COMPUTING

PROF. SOUMYA KANTI GHOSH

Department of Computer Science and Engineering IIT Kharagpur

PRE-REQUISITES: Basics of Computer Architecture and Organization, Networking

INTENDED AUDIENCE : CSE, ECE, EE

INDUSTRIES APPLICABLE TO : IT industries

COURSE OUTLINE:

Cloud computing is a scalable services consumption and delivery platform that provides on-demand computing service for shared pool of resources, namely servers, storage, networking, software, database, applications etc., over the Internet. It is a model for enabling ubiquitous, on-demand access to a shared pool of configurable computing resources, which can be rapidly provisioned and released with minimal management effort. This course will introduce various aspects of cloud computing, including fundamentals, management issues, security challenges and future research trends. This will help students (both UG and PG levels) and researchers to use and explore the cloud computing platforms.

ABOUT INSTRUCTOR:

Prof. Soumya K. Ghosh received the Ph.D. and M.Tech. degrees from Department of Computer Science and Engineering, Indian Institute of Technology (IIT), Kharagpur, India. Presently, he is a Professor with Department of Computer Science and Engineering, IIT Kharagpur. Before joining IIT Kharagpur, he worked for the Indian Space Research Organization in the area of satellite remote sensing and geographic information systems. He has more than 200 research papers in reputed journals and conference proceedings. His research interests include spatial data science, spatial web services and cloud computing.

COURSE PLAN :

Week 1: Introduction to Cloud Computing

Week 2: Cloud Computing Architecture

Week 3: Service Management in Cloud Computing

Week 4: Data Management in Cloud Computing

Week 5: Resource Management in Cloud

Week 6: Cloud Security

Week 7: Open Source and Commercial Clouds, Cloud Simulator

Week 8: Research trend in Cloud Computing, Fog Computing

Week 9: VM Resource Allocation, Management and Monitoring

Week 10: Cloud-Fog-Edge enabled Analytics

Week 11: Serverless Computing and FaaS Model

Week 12: Case Studies and Recent Advancements

to

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(Autonomous)

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Ph. 08852 - 252233, 34 Website away pragati actin

List of Registered Students

Name of the Program: Cloud computing

A.Y: 2017-18

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1	15A31A0292	Mallareddy Uday Kumar	EEE	Aug-Oct 2017	Yes
2	15A31A0265	K. Mounika	EEE	Aug-Oct 2017	Yes

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



PRAGATI ENGINEERING COLLEGE EAST GODAVARI



Type of Certificate
Elite + Gold Medal
Elite
Successfully Completed the course

lo. of credits recommended by NPTEL:2



NPTEL Online Certification

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



This certificate is awarded to

K.MOUNIKA

for successfully completing the course

Cloud Computing

with a consolidated score of 70 %

Online Assignments 20.75/25 Proctored Exam 48.75/75

Total number of candidates certified in this course: 1627



Prof. Anupam Basu Chairman and Head entre for Educational Technology, IIT Kharagpur Aug-Oct 2017

(B Week courselled COLLEGE

Prof. Adrijit Goswami

Dean Continuing Education, IIT Kharagpu

Indian Institute of Technology Kharaggut -378, ADB ROAD, SURAMPALEM Peddapuram, E.G.Dt. (AP)-533 437

In partnership with NASSCOM

Roll No: NPTEL17CS23S1750103

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



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

lo. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to

MALLAREDDY UDAY KUMAR

for successfully completing the course

Cloud Computing

with a consolidated score of 72 %

Online Assignments 24.25/25 Proctored Exam

Total number of candidates certified in this course: 1627

A. Goswami

Prof. Adrijit Goswami Dean Continuing Education, IT Kharagpu

Prof. Anupam Basu Chairman and Head entre for Educational Technology, IIT Kharagpur

Aug-Oct 20 (8 week course

Indian Institute of Technology Kharagpur

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM In partnership with NASSCOM

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

17CS23S1750086



Comment Comment of St. And decomes

Type of Course

: New

Course Snapshot : Core / UG, PG

Pre-requisites

B.E/B.Tech, M.E/M.Tech, M.S. Basic Programming, Digital Electronics

Course Duration : 30 hours / 12 weeks

Industry Support : All high end and embedded processors related companies like Intel, AMD,

Qualcomm, NVIDIA, IBM, Samsung... Motorola, Hewlett-Packard etc.

COURSE OUTLINE:

Computer Architecture talks about the basic digital hardware with which the processor is built and Computer Organization talks about the basic interface the digital hardware gives to the compiler and the operating systems to support the user demands. Study of Application Binary Interface is the subject matter of Computer Organization. How these functionalities are actually implemented is the subject matter of Computer Architecture. This course not only addresses the how and what but also the whys of Computer Architecture and Organization.

INSTRUCTOR:

Prof. V. Kamakoti Department of Computer Science and Engineering, IIT Madras

ABOUT INSTRUCTOR:

Prof. V. Kamakoti, Department of Computer Science and Engineering, IIT Madras specializes in the area of Computer Architecture and Secure Hardware Design. He is an advisor for many security critical organizations including Banking Institutions. He completed his Master of Science (By research) and PhD at the Department of Computer Science and Engineering, IIT Madras in the years 1992 and 1995 respectively. He completed his BE in Computer Science and Engineering from Sri Venketaswara College of Engineering (Affiliated to University of Madras) in the year 1989. He is a coordinator of the Information Security Education and Awareness program of the Department of Information Technology. Government of India

COURSE PLAN:

- 1. High-Performance Circuit Design Fast Adder Circuits, Fast Multiplier Circuit Floating Point -Precision and Accuracy, Addition, Subtraction and Multiplication
- 2. Programming using X86 Instruction Set Architecture Orthogonal ISA, C Constructs Mapping. Addressing Modes - Atomic and Predicated Instructions - General Purpose Registers -Expanding Opcodes
- 3. Pipelining Data Hazards Instruction Scheduling: Static and Dynamic Control Hazard, Branch Prediction
- 4. Segmentation Interrupts & Process Management- Paging Multitasking Virtual memory -
- 5. Caches Shared Memory Architecture Mutual Exclusion Optimality of Parallel Algorithms -Current Trends in Computer Architecture

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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





(Autonomous)

(Antoniolis)

ADB Road, Summpalem, E.G. Dr., A.P. = 533-437

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

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

Ph. 08857 = 252233, 24 Website: www.pragati.ac.in

List of Registered Students

Name of the Program: Computer Organization and Architecture

A.Y: 2017-18

S.No	Roll No.	Name of the Student	Dept	Duration	Certified (Yes/No)
1	15A31A0285	Kanakala Rohith Sai Swaroop	EEE	July-Oct 2017	Yes

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



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

Io. of credits recommended by NPTEL:3

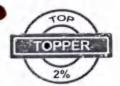


Elite

NPTEL Online Certification

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





This certificate is awarded to

KANAKALA ROHITH SAI SWAROOP

for successfully completing the course

Computer Organization And Architecture

with a consolidated score of 87 %

Online Assignments 22.25/25 Proctored Exam 64.5/75

Total number of candidates certified in this course: 161

Chairman Lentre for Continuing Education, IITM

Jul-Oct 2017 (12 week course

PRINCIPAL

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras

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

In partnership with NASSCOM

Roll No: NPTEL17CS35S1750034

NPTEL SYLLABUS

NATIONAL PROGRAMME ON TECHNOLOGY ENCHANCED LEARNING



Introduction to Modern Application Development

ABOUT THE COURSE:

IMAD, India's largest MOOC, is back and it's bigger and better than before. This course will cover the basics of the Internet, building a web application, databases, performance and security, and building a mobile application. In addition, the course will have an extensive set of Practical Tutorials which will help students get a feel for real-world development. IMAD offers opportunities for internships at Hasura for the course toppers, thus helping the best students hone their application development skills in the real world.

COURSE LAYOUT:

The course content will be covered in 8 weeks. Each week of theoretical lectures will be followed by a practical, hands-on tutorial covering the concepts discussed in the previous week. These lectures will consist of programming experiments and assignments which will help the student gain a practical understanding of the ideas discussed before. The topics covered over the 8 weeks will be -

Introduction to the Internet Building a web application Databases Performance and security Building a mobile application

For additional information, see www.imad.tech



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



(Autonomous)

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

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

Ph. 08852 – 252233, 34 Website www.pragat.ac.in

List of Registered Students

Name of the Program: Introduction to Modern Application development

A.Y: 2017-18

S.No	Roll No.	Name of the Student	Dept	Duration	(Yes/No)
1	15A31A0279	B Srinivas	EEE	July-Sept 2017	Yes

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

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



Roll No: NPTEL17CS40S1760093

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

o. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to

B.SRINIVAS

for successfully completing the course

Introduction To Modern Application Development

with a consolidated score of 65 %

Online Assignments | 14/25

Proctored Exam

51/75

Total number of candidates certified in this course: 3756

Chairman Jentre for Continuing Education, IITM

Jul-Sep 2017

(8 week course) PRINCIPAL

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437 Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras

Indian Institute of Technology Madras

In partnership with NASSCOM



BASIC ELECTRICAL CIRCUITS

Prof. Gajendranath Chowdary

Department of Decimal Engineering 87 involvabac

PRE-REQUISITES XII std. level algebra and calculus, electrostatics

INTENDED AUDIENCE : Interested learners

COURSE OUTLINE :

Electrical circuits are everywhere, from tiny ones in integrated circuits in mobile phones and music players, to giant ones that carry power to our homes. This course deals with analysis techniques that can be applied to all such circuits. We wi will first discuss electrical quantities-voltage and current-relevant to such circuits and learn about basic elements(R, L, C, controlled sources) and their properties. We will then move on to general analysis techniques that can be applied to arbitrary circuits. These will be first carried out for resistive circuits which obey algebraic equations and then extended to circuits with energy storage elements(C, L) which obey differential equations. Along the way, we will also discuss the rudiments of negative feedback circuit using the opamp. After taking this course, one should be able to analyze any linear circuit.

ABOUT INSTRUCTOR:

Prof. Gajendranath Chowdary is a faculty in the department of EE, IIT Hyderabad. He received the B.E. degree from Osmania University Hyderabad, India, in 2006. He obtained the M.Tech and Ph.D. from the Indian Institute of Technology, Delhi, India, in 2008 and 2016 respectively. He worked as an analog circuit design engineer for mobile handsets with ST-Ericsson from 2008 to 2010 and with Aura Semiconductor during 2011, 2013, and 2016. His research interests include analog and mixed-signal circuit design for ultra-low-power applications.

COURSE PLAN :

- Week 1: Preliminaries; Current and voltage; Electrical elements and circuits; Kirchhoffs laws, Basic elements: Voltage and current sources, R, L, C, M; Linearity of elements
- Week 2: Elements in series and parallel, Controlled sources
- Week 3: Power and energy in electrical elements, Circuit Analysis Methods
- Week 4: Nodal analysis, Extending nodal analysis with different sources
- Week 5: Mesh analysis, Circuit theorems
- Week 6: More circuit theorems, Two port parameters
- Week 7: Two port parameters continued, Reciprocity in resistive networks
- Week 8: Opamp and negative feedback, Opamps contd: Example circuits and additional topics
- Week 9: First Order Circuits contd
- Week 10: First order circuits with time-varying inputs. Sinusoidal steady state response and total response
- Week 11: Second order system-Natural response (continued)
- Week 12: Direct calculation of steady state response from equivalent components, Magnitude and Phase plots, Maximum power transfer theorem



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

Ph. 08837 – 252233, 14. Website, wiwe pragan ac in

List of Registered Students

Name of the Program: Basic Electrical Circuits

A.Y: 2017-18

S.No	Roll No.	Name of the Student	Dept	Duration	(Yes/No)
1	14A31A0276	Ganekanti Saardhak	EEE	July-Sept 2017	Yes



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



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

to. of credits recommended by NPTEL:2



NPTEL Online Certification



Prof. Andrew Thangaraj

IIT Madras

NPTEL Coordinator

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

This certificate is awarded to

GANEKANTI SAARDHAK

for successfully completing the course

Basic Electrical Circuits

with a consolidated score of 40 %

Online Assignments 15.5/25 | Proctored Exam | 24/75

Total number of candidates certified in this course: 373

Chairman Lentre for Continuing Education, IITM Jul-Sep 2017

(8 week CONTSELEPAL

PRAGATI ENGINEERING COLLEGE

Indian Institute of Technology Madras# 1-378, ADB ROAD, SURAMPALEM

Roll No: NPTEL17EE13S2760518

Near Peddapuram, E.C.Dt. (AP) 53



PROF. BISAKH BHATTACHARYA

Department of Mechanical Engineering

IIT Kanpur

TYPE OF COURSE

: Rerun | Elective | UG

COURSE DURATION : 8 weeks

PRE-REQUISITES: Basic Physics and Mathematics Courses at the First Year Level, added with thirst for

learning.

INTENDED AUDIENCE: Students of BE/B.Tech stream

INDUSTRIES APPLICABLE TO: Every industry recommends to have a basic knowledge about various

materials and truth behind their properties

COURSE OUTLINE :

This course introduces to the basics of metals and metallic alloys, polymers, composites and smart materials which have extensively broadened the scope of engineering design in the fields of Civil, Mechanical, Aerospace and other structural applications.

ABOUT INSTRUCTOR:

Prof. Bishakh Bhattacharya is Professor at the Department of Mechanical Engineering and currently heading the Cognitive Science programme, IIT Kanpur. His research interest primarily lies in vibration control, structural health monitoring, energy harvesting system, intelligent system design and Child-Reconfigurable Robot Interaction.

COURSE PLAN:

Week 1: Introduction to Engineering materials & Mechanical properties

Week 2: Atomic bonding and crystal structure

Week 3: Metals and Ceramics

Week 4: Polymers

Week 5: Composite Materials

Week 6: Smart Materials

Week 7: Materials selection in Engineering design

Week 8: Non-mechanical properties and Laboratory demonstration

PRAGATI ENGINEERING COLLEGE

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



ADR Risad Surampalem, J. Cell 8 4-19 (Approved by A1CT). Permanentia Affiliated to INTUK, Kakususta. Associated by NAM, with A creades (Recognized by 1.64. 1 index Sections 2(f) and 1.2 (1816) 1.66. act. (956). Ph 08857 252733, 34 Website www pragati ac iir

Nature and Properties of Materials

COURSE OUTLINE

This course introduces to the basics of metals and metallic alloys, polymers, composites and smart materials which have extensively broadened the scope of engineering design in the fields of Civil, Mechanical, Aerospace and other structural applications.

TOPICS COVERED

Week 1: Introduction to Engineering materials & Mechanical properties

Week 2: Atomic bonding and crystal structure

Week 3: Metals and Ceramics

Week 4: Polymers

Week 5: Composite Materials

Week 6: Smart Materials

Week 7: Materials selection in Engineering design

Week 8: Non-mechanical properties and Laboratory demonstration

NO.OF.STUDENTS ATENDED:1

LIST OF STUDNTS ATTENDED

S.NO	STUDENT NAME
1	RISHABH MISHRA

RESOURCE PERSON DETAILS

Prof. Bishakh Bhattacharya is Professor at the Department of Mechanical Engineering and currently heading the Cognitive Science programme, IIT Kanpur.

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

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



Roll No: NPTEL17ME2751760023

PRAGATI ENGINEERING COLLEGE EAST GODAVARI

> Type of Carlotte Score 60-89 40-59 the countries 840

lo. of credits recommended by NPTEL:2



NPTEL Online Certification

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



This certificate is awarded to

RISHABH MISHRA

for successfully completing the course

Nature And Properties Of Materials

with a consolidated score of 52 %

Online Assignments 15/25

Proctored Exam 36.75/75

Total number of candidates certified in this course: 166

Prof. T. V. Prabhakar Chairman Centre for Continuing Education ITK

Jul-Sep 2017

(8 week course)

PRINCIPAL

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PRAGATI ENGINEERING COLLEGE

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



Indian Institute of Technology Kanpur

Roll No: NPTEL17ME2751760023

o validate and check score





Department of Machanical Linguistering

ИТ Минимария

PROF SUMAN CHAKRABORTY

Department of Merchanical Engineering

III Khareupun

PRE-REQUISITES: Basic knowledge of maintenance

INTENDED AUDIENCE . Interested students

INDUSTRIES APPLICABLE TO : G.E., I.O.C.L. G.A.I.L., D.N.G.C, Shell

COURSE OUTLINE :

Thermodynamics is the branch of science that describes the basic laws and principlus governing the processes of transfer and transfer and transfer of energy along with the changes in properties of the substances affected by such processes. The laws are formulated from observations in nature. The basic principles as corollaries of the laws are established through logical deductions following the taws. The science of thermodynamics also provides the processes of the properties of substances for their use in determining the changes of properties in physical processes performed by the substances. The subject thermodynamics is of prime importance as a foundation pillar of all branches of engineering, since technological processes and their developments involve transfer and transformation of energy in the present course we will discuss the laws of thermodynamics and its corollaries. The discussion will be based on physical concepts, mathematical expressions and illustrated examples of practical applications. This will not understanding the laws and their applications.

ABOUT INSTRUCTOR :

Prof. Sankar Kumar Som is durrently an emeritus Professor (on re-employment) in the department of Mechanical Engineering at the Indian Institute of Technology, Kharagpur. His field of expertise is thermo fluid sciences. His research interest is combustion science, and in particular, droplet and spray combustion. Apart from guiding 16 doctoral students and publishing more than 100 research papers in peer-reviewed international journals, he has served as principal investigator and chief consultant in several industrial projects with different government and private organizations. He has authored a text book titled 'Introduction to Heat Transfer', published by PHI Jearning, and has also co-authored a text book titled 'Introduction to Fluid Mechanics and Fluid Machines', published by McGraw-Hill Education. He has made significant contributions in national programs on distant learning. He has contributed to NPTEL through his video based and web based courses on 'Fluid Mechanics', 'Thermodynamics', 'Fluid Machines and Compressible flows'. He has also taught Fluid Mechanics in a program titled 'Train Ten Thousand Teachers' under MEICT. The present UG and PG course curricula in Engineering and Science at IIT Kharagpur were developed under his leadership as the chairman of a Curriculum Review Committee. He is a fellow of the National Academy of Sciences, India (FNASc) and also of Indian National Academy of Engineering (FNAE). In recognition to his consistent and high level teaching, he was bestowed with the INSA Teachers Award (2014). He has also served the administration at IIT Kharagpur as Head, Department of Mechanical Engineering; Dean, Undergraduate Studies; and Director (officiating)

Prof. Suman Chakraborty is currently a Prof essor in the Mechanical Engineering Department as well as an institute Chair Professor of the Indian Institute of Technology Kharagpur, India, and the Head of the School of Medical Science and Technology. He is also the AssociateDean for Sponsored Research and Industrial Consultancy. His currentareas of research include microfluidics, nanofluidics, micro-nano scaletransport, with particular focus on biomedical applications. He has been warded the Santi Swaroop Bhatnagar Prize in the year 2013, which is the highest Scientific Award from the Government of India. He has been elected as a Fellow of the American Physical Society, Fellow of the Royal Society of Chemistry, Fellow of ASME, Fellow of all the Indian National Academies of Science and Engineering, recipient of the Indo-USResearch Fellowship, Scopus Young Scientist Award for high citation of his research in scientific/technical Journals, and Young Scientist/ Young Engineer Awards from various National Academies of Science and Engineering. He has also been an Alexander von Humboldt Fellow, and avisiting Professor at the Shadord University. He has 380+ Journal publications.

COURSE PLAN:

Week 1: Introduction and Fundamental Definitions

Week 2: First Law of thermodynamics

Week 3: First Law (continued), Second law of thermodynamics

Week 4: Entropy and its transport

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PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-513-437.



(Autonomous)

Affil Front Scrampalum P.CHA & P. 114417 (Approved by Air 11 Permanently Affiliated to Pillik Estenade Accorded by NAAC with A Court (Becognized by 184.) index Sections 2(f) and 12 (B) of 185, and 1956) Ph. 18812 212211 34 Welmile wave proget at in

Laws of Thermodynamics

COURSE OUTLINE

Thermodynamics is the branch of science that describes the basic laws and principles governing the processes of transfer and transformation of energy along with the changes in properties of the substances affected by such processes. The laws are formulated from observations in nature. The basic principles as corollaries of the laws are established through logical deductions following the laws. The science of thermodynamics also provides the relationships of the properties of substances for their use in determining the changes of properties in physical processes performed by the substances. The subject thermodynamics is of prime importance as a foundation pillar of all branches of engineering, since technological processes and their developments involve transfer and transformation of energy. In the present course we will discuss the laws of thermodynamics and its corollaries. The discussion will be based on physical concepts, mathematical expressions and illustrated examples of practical applications. This will not only clear the physical concepts of the students but will enable the students to get rid of usual misleading concepts in understanding the laws and their

TOPICS COVERED

Week 1: Introduction and Fundamental Definitions

Week 2: First Law of thermodynamics

Week 3: First Law (continued), Second law of thermodynamics

Week 4: Entropy and its transport

NO.OF.STUDENTS ATENDED:2

LIST OF STUDNTS ATTENDED

S.NO	STUDENT NAME
1	KOPPUSETTY VENKATESH
2	V V S D KASI MANIKANTA VINOD. YANDAPALLI

RESOURCE PERSON DETAILS

Prof. Sankar Kumar Som is currently an emeritus Professor (on re-employment) in the department of Mechanical Engineering at the Indian Institute of Technology, Kharagpur.

Prof. Suman Chakraborty is currently a Professor in the Mechanical Engineering Department as well as an Institute Chair Professor of the Indian Institute of Technology Kharagpur, India, and the Head of the School of Medical Science and Technology. PRINCIPAL

PRAGATI ENGINEERING COLLEGE

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



Roll No. NPTEL 17MM 1651760011

PRAGATI ENGINEERING COLLEGE EAST GODAVARI

Score	Type of Certificate
>=90	Ente + Culti sendan
60-89	E v
40-59	he cou

o. of credits recommended by NPTEL:1



NPTEL Online Certification

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



This certificate is awarded to

V V S D KASI MANIKANTA VINOD.YANDAPALLI

for successfully completing the course

Laws Of Thermodynamics

with a consolidated score of 44 %

Online Assignments 18/25

Proctored Exam 25.5/75

Total number of candidates certified in this course: 1533

Prof Anupan Basu Chairman at a Head

Jul Aug 2017 (4 week cou

GATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

ducational free service, IIT Knaragpin

Indian Institute of Technology Kharagpur



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

of credits recommended by NPTEL:1



TEL Online Certification

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



This certificate is awarded to

KOPPUSETTY VENKATESH

for successfully completing the course

Laws Of Thermodynamics

with a consolidated score of 50 %

Online Assignments | 13.5/25 | Proctored Exam

Total number of candidates certified in this course: 1533

a statual Technish gy, if Kharagpur

Jul-Aug 2017 (4 week course)



1 Gosmami Prof. Admit Goswami Dean

PRINCIPAL continuing Education, IIT Kharage PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

ndian Institute of Technology Kharagpur

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



PRODUCT DESIGN AND DEVELO

WE

PROF, INDERDEEP SINGH

Department of Mechanical and Industrial Engineering III Roorkee

PRE - REQUISITES Any student enrolled for a UG/PG degree in any discipline of humanities, management, science and engineering can complete the course.

INDUSTRY SUPPORT : All industries where products are being conceptualized, designed and developed in order to satisfy the human needs and requirements.

INTENDED AUDIENCE: It is a core course for UG and PG

COURSE OUTLINE:

It has been established worldwide that the most successful economies are based on innovation and creativity led entrepreneurship. The government is focusing on putting concerted efforts to produce job creators. The current MOOC on Product Design and Development is conceptualized and planned in such a way that it helps both job creators as well as job seekers. The main objective of the course is to acquaint the learners/students with the practical knowledge regarding conceptualization, design and development of a new product. The need of a new product, the product life cycle, the product design process, the application of Value Engineering principles in product design, various product design tools such as CAD, DFM, DFA and DFMA have been explained with relevant and specific examples/ case studies. The concept of Ergonomics in context of the product design has been explained with the help of case studies. The fundamental concept of Rapid Prototyping as well the working principles of the basic rapid prototyping techniques has also been explained.

ABOUT INSTRUCTOR:

Prof. Inderdeep Singh is currently working as Associate Professor in Department of Mechanical and Industrial Engineering at Indian Institute of Technology Roorkee. He has taught among others, the industrial engineering courses such as Production Planning and Control, Product Design and Development, Work System Design, Industrial Management and Quality Management. He has been actively involved in the National Mission Project on Education Through ICT (NME-ICT) of Government of India, He has completed three video and one web course under the National Programme on Technology Enhanced Learning (NPTEL). He has developed suitable pedagogical methods for two under-graduate courses of Mechanical Engineering.

COURSE PLAN:

Week1: Introduction to course, Product life-cycle, Product policy of an organization. Selection of a profitable product, Product design process, Product analysis.

Week 2: Value engineering in product design; Advantages, Applications in product design, Problem identification and selection. Analysis of functions, Anatomy of function. Primary Versus secondary Versus tertiary/unnecessary functions, Functional analysis: Functional Analysis System Technique (FAST), Case studies.

Week 3: Introduction to product design tools, QFD, Computer Aided Design, Robust design, DFX, DFM, DFA, Ergonomics in product design,

Week 4: DFMA guidelines, Product design for manual assembly, Design guidelines for metallic and non-metallic products to be manufactured by different processes such as casting, machining, injection molding etc., Rapid prototyping, needs, advantages, working principle of SLA, LOM and SLS

1

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



Autonomous

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Product Design and Development

COURSE OUTLINE

It has been established worldwide that the most successful economies are based un innovation and creativity led entrepreneurship. The government is broaden on patting concerted efforts to produce job creators. The current MODE are Product Description and Development is conceptualized and planned in such a way that it helps both how creators well as job seekers. The main objective of the course is to acquaint the learners/students with the practical knowledge regarding conceptualization, design and development of a new product.

TOPICS COVERED

Week 1: Introduction to course, Product life-cycle, Product policy of an organization Selection of a profitable product, Product design process, Product analysis.

Week 2: Value engineering in product design; Advantages. Applications in product design. Problem identification and selection, Analysis of functions, Anatomy of function. Primary versus secondary versus tertiary/unnecessary functions. Functional Analysis System Technique (FAST), Case studies.

Week 3: Introduction to product design tools, QFD, Computer Aided Design. Robust design. DFX, DFM, DFA, Ergonomics in product design.

Week 4: DFMA guidelines, Product design for manual assembly. Design guidelines for metallic and nonmetallic products to be manufactured by different processes such as easting machining, injection molding etc., Rapid prototyping, needs, advantages, working principle of SLA LOM and SLS

NO.OF.STUDENTS ATTENDED:1

LIST OF STUDNTS ATTENDED

S.NO	STUDENT NAME	ROLL NO
1	BALLA NAGA SAI KUMAR	16A35A0313

RESOURCE PERSON DETAILS

Prof. Inderdeep Singh is currently working as Associate Professor in Department of Mechanical and Industrial Engineering at Indian Institute of Technology Roorkee.

1

PRINCIPAL*

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

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



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

of codits recommended by NPTEL:1



NPTEL Online Certification

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



This certificate is awarded to

BALLA NAGA SAI KUMAR

for successfully completing the course

Product Design and Development

with a consolidated score of 71 %

Online Assignments 21.75/25 Proctored Exam

49.5/75

? Scarber

lotal number of candidates certified in this course: 578

Prof. B. K. Gandhi ourdinal is Continuing Education Center ordinator, HT Roorkee

Feb-Mar 2018

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

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

ndian Institute of Technology Roorkee



THEORY AND PRACTICE OF NON DESTRUCTIVE TESTING

PROF. RANJIT BAURI

TYPE OF COURSE

: Rerun | Elective | UG/PG

Empartment of Metalluryical and Materials Engineering

COURSE DURATION -

RATION 8 weeks

PRE-REQUISITES BE/Diploma in Engineering (Mech/Manufac/Production/Givil/Aerospace/App. Mech/Material Engg)

INTENDED AUDIENCE: Students, Researchers, Practicing Engineers INDUSTRIES APPLICABLE TO: Manufacturing and Automotive Industries

COURSE OUTLINE :

Nondestructive Testing (NDT) plays an extremely important role in quality control, flaw detection and structural health monitoring covering a wide range of industries. There are varieties of NDT techniques in use. This course will first cover the fundamental science behind the commonly used NDT methods to build the basic understanding on the underlying principles. It will then go on to cover the process details of each of these NDT methods.

ABOUT INSTRUCTOR :

Prof. Ranjit Bauri is an Professor in the Dept. of Metallurgical and Materials Engineering, IIT Madras. He has more than a decade of experience in teaching NDT theory and practical courses. He is a life member of Indian Society for Non Destructive Testing (ISNT). He is also a seasoned researcher with more than a decade of research experience, His research areas include Composite materials, Al alloys, Friction stir welding and processing, Powder Metallurgy and Microscopy.

COURSE PLAN:

- Week 1: Introduction to NDT, Visual Optical methods, Dye penetrant testing, Basic principle, Types of dye and methods of application, Developer application and Inspection.
- Week 2: Magnetic particle testing, Basic theory of magnetism, Magnetization methods, Field indicators. Particle application, Inspection.
- Week 3: Eddy current testing, Basic principle; Faraday's law, Inductance, Lenz's law, Self and Mutual Inductance, Impedance plane, Inspection system and probes, System calibration.
- Week 4: Ultrasonic testing: Basics of ultrasonic waves, Pulse and beam shapes, Ultrasonic transducers.
- Week 5: Test method, Distance and Area calibration, Weld inspection by UT.
- Week 6: Acoustic emission testing: Basic principle, Sources of acoustic emission, Source parameters, Kaiser-Felicity theory, Equipment and Data display, Source location schemes.
- Week 7: Radiography: X-rays and their properties, X-ray generation, X-ray absorption and atomic scattering.
- Week 8: Image formation, Image quality, Digital Radiography, Image Interpretation, Radiation Shielding.

 Comparison and selection of NDT methods, Concluding remarks.



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(AUTONOMOUS)

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



(Autonomous)

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Ph. 08857 153233, 34 Website www.pragation.m.

Theory and Practice of Non Destructive Testing

COURSE OUTLINE

Nondestructive Testing (NDT) plays an extremely important role in quality control, flaw detection and structural health monitoring covering a wide range of industries. There are varieties of NDT techniques in use. This course will first cover the fundamental science behind the commonly used NDT methods to build the basic understanding on the underlying principles. It will then go on to cover the process details of each of these NDT methods.

TOPICS COVERED

Week 1: Introduction to NDT, Visual Optical methods, Dye penetrant testing, Basic principle. Types of dye and methods of application

Week 2: Magnetic particle testing, Basic theory of magnetism. Magnetization methods. Field indicators. Particle application, Inspection.

Week 3: Eddy current testing, Basic principle; Faraday's law, Inductance, Lenz's law, Self and Mutual Inductance

Week 4: Ultrasonic testing: Basics of ultrasonic waves, Pulse and beam shapes, Ultrasonic transducers.

Week 5: Test method, Distance and Area calibration, Weld inspection by UT.

Week 6: Acoustic emission testing: Basic principle, Sources of acoustic emission. Source parameters Week 7: Radiography: X-rays and their properties, X-ray generation, X-ray absorption and atomic scattering.

Week 8: Image formation, Image quality, Digital Radiography, Image interpretation, Radiation Shielding

NO.OF.STUDENTS ATENDED:1

LIST OF STUDNTS ATTENDED

S.NO	STUDENT NAME	ROLL NO	
1	KONDAPALLI	LE A 2 CA OTHER	
1	MANIKARTHIK	15A3TA0390	

RESOURCE PERSON DETAILS

Dr. Ranjit Bauri is an Professor in the Dept. of Metallurgical and PRINCIPAL Ingineering, III PRAGATI ENGINEERING COLLEGE

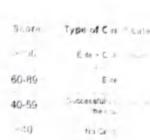
1-378, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437

M



PRAGATI ENGINEEPING COLLEGE FAST GODAY/IN





No. of credits recommended by NPTEL:2



NPTEL Online Certification



This certificate is awarded to

KONDAPALLI MANIKARTHIK

for successfully completing the course

Theory and Practice of Non Destructive Testing

with a consolidated score of 60 %

Online Assignments 20.25/25 Proctored Exam 39.25/75

Total number of candidates certified in this course 392

Prof. A. Ramesh Chairman

Feb-Mar 2018

Prof Andrew Thangara NETEL COOPERATE

Center for Continuing Education IITM

(8 week cour

Indian Institute of Technology Madras

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

Roll No: NPTEL18MM0453850098

To validate and check scores: http://nptel.ac.ir



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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: 2017-18

Problem Solving Through Programming In C

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 rot finding of function, differentiation of function and simple integration

TOPICS COVERED

Week 1: Introduction to Problem Solving through programs, Flowcharts/Pseudo codes

Week 2: Arithmetic expressions, Relational Operations, Logical expressions

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

PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

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



NO. OF STUDENTS ATTENDED:05

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME	
1	SRIRAMULA VENKATAKRISHNA	
2	VEDULA KRISHNA ADITYA	
3	SHAIK.BASHEERAMMA	
4	CHILUKURI SAMYUKTHA	
5	PERURI ANJANI RATNA	

LIST OF STUDENTS COMPLETED: 01

S.NO	STUDENT NAME
1	SRIRAMULA VENKATAKRISHNA

Coordinator

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 HT Kharagour

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
- 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 rot 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 5: 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

PRINCIPAL PRAGATI ENGINEERING COLLEGE Week 10: Structures and resolution to Lists # 1-378, ADB ROAD, SURAMPALEM

Near Peddaguram, F. C. S.

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





RAGATI 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:3



NPTEL Online Certification

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



This certificate is awarded to

SRIRAMULA VENKATAKRISHNA

for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of 57 %

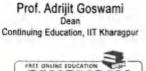
Online Assignments 15.71/25 Proctored Exam

Total number of candidates certified in this course: 6158

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur

Jan-Apr 2018 (12 week copper CIPAL

PRAGATI ENGINEERING COLLEGE



A. Goshami



Indian Institute of Technology Kharagayus, ADB ROAD, SURAMPALEM



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



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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2017-18

Programming, Data Structures and Algorithms Using Python

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.

TOPICS COVERED

Week 1: Informal introduction to program in, algorithms and data structures via ged

Week 2: Python: types, expressions, strings, lists, tuples, Python memory model, List operations

Week 3: Basic algorithmic analysis: input size, asymptotic complexity, O() notation

Week 4: Dictionaries, More on Python functions: optional arguments, default values

Week 5: Exception handling, Basic input/output, Handling files, String processing

Week 6: Backtracking: N Queens, recording all solutions, Scope in Python: local

Week 7: Abstract datatypes, Classes and objects in Python, "Linked" lists: find, insert, delete

Week 8:Efficient evaluation of recursive definitions: memorization.

NO. OF STUDENTS ATTENDED:2

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME	
1	DHARAN ADITYA GUTHULA	
2	CHITHAJALLU SAI VENKATESH	

LIST OF STUDENTS COMPLETED: 1

S.NO	STUDENT NAME	
1 DHARAN ADITYA GUTHULA		

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM Nor Peddapuram, E.G.Dt (AP)-533 437

Coordinator



PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON

PROF. MADHAVAN MUKUND

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 Mukund studied at IIT Bombay (BTech) and Aarhus University (PhD). He has been a faculty member at Chennal Mathematical Institute since 1992, 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 programme 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 MODC 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 Empowered Classroom (MEC) project of Microsoft Research and the QEEE programme of MHRD

COURSE PLAN:

Week 1:

informal introduction to programmin, algorithms and data structures viaged

Downloading and installing Python

gcd in Python; variables, operations, control flow - assignments, condition-als, loops, functions

Week 2:

Python: types, expressions, strings, lists, tuples

Python memory model: names, mutable and immutable values.

List operations: slices etc

Binary search

Inductive function denitions: numerical and structural induction

Elementary inductive sorting: selection and insertion sort

In-place sorting

Week 3:

Basic algorithmic analysis: input size, asymptotic complexity. O() notation

Arrays vs lists

Merge sort

Quicksort

Stable sorting

Week 4:

Dictionaries

More on Python functions: optional arguments, default values

Passing functions as arguments

Higher order functions on lists: map, Iter, 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

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



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



Elite

NPTEL Online

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



This certificate is awarded to

DHARAN ADITYA GUTHULA

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of 71 %

Online Assignments 25/25

Proctored Exam 46.15/75

A. Part

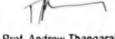
Total number of candidates certified in this course: 3396

Prof. A. Ramesh Chairman Center for Continuing Education, IITM

ERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

Indian Institute of Technology MadraBeddapuram, E.G.Dt. (AP)-533 437



Prof. Andrew Thangaraj **NPTEL Coordinator** IIT Madras





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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: 2017-18

Microprocessors and Microcontrollers

COURSE OUTLINE

Microprocessors are used extensively in the design of any computing facility. It contains units to carry out arithmetic and logic calculations, fast storage in terms of registers and associated control logic to get instructions from memory and execute them. A number of devices can be interfaced with them to develop a complete system application. On the other hand, microcontrollers are single chip computers, integrating processor, memory and other peripheral modules into a single System-on-Chip (SoC).

TOPICS COVERED

Week 1: Introduction: General processor architecture, Microprocessors, Microcontrollers

Week 2: 8085 - Part I

Week 3: 8085 - Part II

Week 4: 8085 - Part III

Week 5: 8085 - Part IV

Week 6: 8051 - Part I

Week 7: 8051 - Part II

Week 8: PIC, AVR

Week 9: ARM - Part I

Week 10:ARM - Part II

Week 11:Interfacing examples - Part I

Week 12: Interfacing examples - Part II

NO. OF STUDENTS ATTENDED:20

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME	
1	TALATAM ASHWINI	
2	KOPPANA POORNA CHANDRIKA	
3	PUPPALA JAHNAVI	PRAGATI ENCLUSION
4	CHITHAJALLU SAI VENKATESH	PRAGATI ENGINEERING COLLEGE
5	TADINADA SRI LAKSHMI SUSMITHA	# 1-378, ADB ROAD, SURAMPALEM
		Near Peddapuram, F.G.Dt. (AD) 533



6	MOUNIKA MARLLLA
,	
N	ROCHITA KEEPTHELINGAMPALLI
	ROHLI CHIKATLA
"	PLIETI VISIIMARIA
10	GHARSHANANDINI
-11	RANAGNA YADAGANI
12	BANDARU SELHARIKA DEVI
11	MULYALA HEMA MOUNIKA
14	DHARAN ADITYA GUTHULA
15	SHAIK BASHFERAMMA
16	SALAPU MANIKANTAKUMAR
17	KUKKALA SYAMALA
18	SAHINI HARIKA
19	K A S.S.MOUNIKA
20	S.GANGA BHAVANI

LIST OF STUDENTS COMPLETED: 13

S.NO	STUDENT NAME
1	TALATAM ASHWINI
2	KOPPANA POORNA CHANDRIKA
3	PUPPALA JAHNAVI
4	CHITHAJALLU SAI VENKATESH
5	TADINADA SRI LAKSHMI SUSMITHA
6	MOUNIKA MARELLA
7	RUCHITA KEERTHI LINGAMPALLI
8	ROHIT CHIKATLA
9	KEERTY AISHWARYA
10	G.HARSHANANDINI
- 11	RASAGNA YADAGANI
12	BANDARU SRI HARIKA DEVI
13	MUTYALA HEMA MOUNIKA

Coordinator

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



MICROPROCESSORS AND MICROCONTROLLERS

PROF. SANTANU CHATTOPADHYAY

TYPE OF COURSE : R

COURSE DURATION : 12 weeks

: Rerun | Core | UG

Department of Electronics and Electrical Communication Engineering

IIT Kharagour

PRE-REQUISITES: Digital Design, Digital Logic INTENDED AUDIENCE: CSE, ECE, EE students

INDUSTRIES APPLICABLE TO: Companies involved in development of microprocessor and

microcontroller based products

COURSE OUTLINE:

Microprocessors are used extensively in the design of any computing facility. It contains units to carry out arithmetic and logic calculations, last storage in terms of registers and associated control logic to get instructions from memory and execute them. A number of devices can be interfaced with them to develop a complete system application. On the other hand, microcontrollers are single chip computers, integrating processor, memory and other peripheral modules into a single System-on-Chip (SoC). Apart from input-output ports, the peripherals often include timers, data converters, communication modules, and so on. The single chip solution makes the footprint of the computational element small in the overall system package, eliminating the necessity of additional chips on board. However, there exists a large range of such products. While the simpler microcontrollers are cheap, their capabilities (in terms of program size and analog and digital peripherals) are also limited. Such processors may be suitable for small applications. Microcontrollers like 8051, PIC belong to this category. On the other hand, advanced microcontrollers are often much more powerful, comparable to the very advanced microprocessors. The AVR and ARM processors are of this category.

ABOUT INSTRUCTOR:

Prof. Santanu Chattopadhyay received his BE degree in Computer Science and Technology from Calcutta University (B.E. College) in 1990. He received M.Tech in Computer and Information Technology and PhD in Computer Science and Engineering from Indian Institute of Technology Kharagpur in 1992 and 1996, respectively. He is currently a Professor in the Department of Electronics and Electrical Communication Engineering, IIT Kharagpur. His research interests include Digital Design, Embedded Systems, System-on-Chip (SoC) and Network-on-Chip (NoC) Design and Test, Power- and Thermal-aware Testing of VLSI Circuits and Systems. He has published more than 150 papers in reputed international journals and conferences. He has published several text and reference books on Compiler Design, Embedded Systems and other related areas.

COURSE PLAN:

Week 1: Introduction: General processor architecture, Microprocessors, Microcontrollers

Week 2: 8085 - Part I

Week 3: 8085 - Part II

Week 4: 8085 - Part III

Week 5: 8085 - Part IV

Week 6: 8051 - Part 1

Week 7: 8051 - Part II

Week 8: PIC, AVR

Week 9: ARM - Part I

Week 10:ARM - Part II

Week 11:Interfacing examples - Part I

Week 12: Interfacing examples - Part II

PRINCIPAL PRAGATI ENGINEERING COLLEGE

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





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:3



NPTEL Online Certification

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



This certificate is awarded to

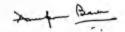
PUPPALA JAHNAVI

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of 49 %

Online Assignments 22.25/25 Proctored Exam 27/75



Total number of candidates certified in this course: 1322

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur

Jan-Apr 2018 RINCIPAL
PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

Indian Institute of Technology Kharagou 78, ADB ROAD, SURAMPALEM Near Peddapuram, E.G.Dt. (AP)-533 437 Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur







PRAGATI ENGINEERING COLLEGE EAST GODAVARI



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elte
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

KEERTY AISHWARYA

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of 58 %

Online Assignments 22/25 Proctored Exam

Total number of candidates certified in this course: 1322

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur

1-378, ADB ROAD, SURAMPALEM Indian Institute of Technology Kharagpuram, E.G.Dt. (AP)-533 437

A. Goshami Prof. Adrijit Goswami





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:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

G.HARSHANANDINI

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of 60 %

Online Assignments 21.25/25 Proctored Exam

Prof. Anupam Basu

NPTEL Coordinator

IIT Kharagpur

Total number of candidates certified in this course: 1322

ENGINEERING COLLEGE

Prof. Adrijit Goswami Continuing Education, IIT Kharagpur

A. Goshami

1-378, ADB ROAD, SURAMPALEM Indian Institute of Technology Kharagpul Appuram, E.G.Dt. (AP)-533 437





To

PRAGATI ENGINEERING COLLEGE EAST GODAVARI



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Eite
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

RASAGNA YADAGANI

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of 44 %

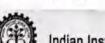
Online Assignments 21.25/25 Proctored Exam 22.5/75

James - Barre

Total number of candidates certified in this course: 1322

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur PRINCIPAL PRINCI

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



1-378, ADB ROAD, SURAMPALEM Indian Institute of Technology Kharagpuram F G OF TARE-533 437





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:3



NPTEL Online Certification

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



This certificate is awarded to

BANDARU SRI HARIKA DEVI

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of 52 %

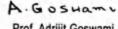
Online Assignments 21.75/25 Proctored Exam

Total number of candidates certified in this course: 1322

PRINCIPAL CENGINEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Indian Institute of Technology Hharagoddapuram, E.G.Dt. (AP)-533 437



Prof. Adrijit Goswami Continuing Education, IIT Kharagpur





Prof. Anupam Basu

NPTEL Coordinator IIT Kharagpur



1-378, ADB Road, Surampalem-533437

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with 'A' Grade)
Recognized by UGC under sections 2(f) & 12(b) of the UGC Act ,1956)

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

A.Y: 2017-18

Principles of Communication Systems - I

COURSE OUTLINE

This course covers fundamental concepts of communication systems, which are essential for the understanding of advanced courses in digital/ wireless communication systems. Beginning with various basic tools such as Fourier Series/ Transform, the course will also cover several important modulation techniques such as Amplitude Modulation, Frequency Modulation, Phase Modulation etc. Sampling process and Quatization, including Nyquist criterion and reconstruction of the original signal from the sampled signal will be dealt with in the later parts of the course.

TOPICS COVERED

Week 1: Basic tools for communication, Fourier Series/Transform, Properties, Autocorrelation

Week 2 : Amplitude Modulation (AM), Spectrum of AM, Envelope Detection, Power Efficience

Week 3 : Double Sideband Suppressed Carrier (DSB-SC) Modulation

Week 4 : Single Sideband Modulation (SSB), Hilbert Transform, Complex Pre-envelope/ Envelope

Week 5 : Angle Modulation, Frequency Modulation , Phase Modulation (PM), Modulation Index

Week 6 : Spectrum of FM Signals, Carsons Rule for FM Bandwidth, Narrowband FM Generation

Week 7: Introduction to Sampling, Spectrum of Sampled Signal, Aliasing, Nyquist Criterion

Week 8 : Quantization, Uniform Quantizers - Midrise and Midtread, Quantization noise

Week 9 : Basics of Probability, Conditional Probability, MAP Principle

Week 10: Random Variables, Probability Density Functions, Applications in Wireless Channels

Week 11: Basics of Random Processes, Wireless Fading Channel Modeling

Week 12: Gaussian Random Process, Noise, Bit-Error and Impact on Wireless Systems

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PRINCIPAL
PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
1-378, ADB ROAD, SURAMP. -N
Near Peddapuram, E.G.DI (ARES) 137

NO. OF STUDENTS ATTENDED:20

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME	
1	PERURI ANJANI RATNA	
2	CHILUKURI SAMYUKTHA	
3	VEDULA KRISHNA ADITYA	
4	SHAIK.BASHEERAMMA	
5	SALAPU MANIKANTAKUMAR	
6	KUKKALA SYAMALA	
7	SAHINI HARIKA	
8	K.A.S.S.MOUNIKA	
9	TALATAM ASHWINI	
10	S.GANGA BHAVANI	

LIST OF STUDENTS COMPLETED: 9

S.NO	STUDENT NAME	
1	PERURI ANJANI RATNA	
2	CHILUKURI SAMYUKTHA	
3	VEDULA KRISHNA ADITYA	
4	SHAIK.BASHEERAMMA	
5	SALAPU MANIKANTAKUMAR	
6	KUKKALA SYAMALA	
7	SAHINI HARIKA	
8	K.A.S.S.MOUNIKA	
9	S.GANGA BHAVANI	

PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



PRINCIPLES OF COMMUNICATION SYSTEMS - I

PROF, ADITYA K. JAGANNATHAM

TYPE OF COURSE

: Rerun | Core | UG

Department of Electronics and Communications Engineering IIT Kannur

COURSE DURATION : 12 weeks

PRE-REQUISITES

: Basic knowledge of Probability, Calculus

INTENDED AUDIENCE: Intended audience is students, practicing engineers, technical and non-technical managers of telecom companies, students preparing for

competitive exams with communication engineering subject

INDUSTRIES APPLICABLE TO: Most companies in wireless communications area should find this

useful. Examples are Qualcomm, Broadcom, Intel etc.

COURSE OUTLINE :

This course covers fundamental concepts of communication systems, which are essential for the understanding of advanced courses in digital/ wireless communication systems. Beginning with various basic tools such as Fourier Series/ Transform, the course will also cover several important modulation techniques such as Amplitude Modulation, Frequency Modulation, Phase Modulation etc. Sampling process and Quatization, including Nyquist criterion and reconstruction of the original signal from the sampled signal will be dealt with in the later parts of the course. Further, the course will also cover concepts in probability and random variables/ processes and is designed to serve as a basic course towards introducing the students to various aspects of probability from the perspective of modern digital and wireless communications.

ABOUT INSTRUCTOR:

Prof. Aditya K. Jagannatham received his Bachelors degree from the Indian Institute of Technology, Bombay and M.S. and Ph.D. degrees from the University of California, San Diego, U.S.A., From April 07 to May 09 he was employed as a senior wireless systems engineer at Qualcomm Inc., San Diego. California, where he worked on developing 3G UMTS/WCDMA/HSDPA mobile chipsets as part of the Qualcomm CDMA technologies division. His research interests are in the area of next-generation wireless communications and networking, sensor and ad-hoc networks, digital video processing for wireless systems, wireless 3G/4G cellular standards and CDMA/OFDM/MIMO wireless technologies.

COURSE PLAN:

- Week 1: Basic tools for communication, Fourier Series/Transform, Properties, Autocorrelation, Energy Spectral Density, Parsevals Relation
- Week 2: Amplitude Modulation (AM), Spectrum of AM, Envelope Detection, Power Efficiency. Modulation Index
- Week 3: Double Sideband Suppressed Carrier (DSB-SC) Modulation, Quadrature Carrier Multiplexing (QCM), Demodulation, Costas Receiver
- Week 4: Single Sideband Modulation (SSB), Hilbert Transform, Complex Pre-envelope/ Envelope. Demodulation of SSB
- Week 5: Angle Modulation, Frequency Modulation (FM), Phase Modulation (PM), Modulation Index
- Week 6: Spectrum of FM Signals, Carsons Rule for FM Bandwidth, Narrowband FM Generation
- Week 7: Introduction to Sampling, Spectrum of Sampled Signal, Aliasing, Nyquist Criterion, Signal Reconstruction from Sampled Signal
- Week 8: Quantization, Uniform Quantizers Midrise and Midtread, Quantization noise, Lloyd Max Quantization Algorithm, Non uniform Quantizers
- Week 9: Basics of Probability, Conditional Probability, MAP Principle
- Week 10: Random Variables, Probability Density Functions, Applications in Wireless Channels
- Week 11: Basics of Random Processes, Wireless Fading Channel Modeling
- Week 12: Gaussian Random Process, Noise, Bit-Error and Impact ele Windes College



(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM euram, F.G.Dt. (AP)-533 437



Roll No:NPTEL18EE03S4850116

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:3



NPTEL Online Certification

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



This certificate is awarded to

SHAIK.BASHEERAMMA

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of 47 %

Online Assignments | 18.5/25 | Proctored Exam

Total number of candidates certified in this course: 371

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

Jan-Apr 2018 (12 week course)

RING COLLEGE

(AUTONOMOUS)

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





Roll No: NPTEL18EE03S4850116

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



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:3



NPTEL Online Certification

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



This certificate is awarded to

CHILUKURI SAMYUKTHA

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of 52 %

Online Assignments 20/25 Proctored Exam 31.5/75

Total number of candidates certified in this course: 371

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

Jan-Apr 2018PRINCIPAL PRAGATE MENUNEERING COLLEGE

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEM

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur, M. v. Peddapuram, E.G.Dt. (AP)-533 437





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:3



NPTEL Online Certification

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



This certificate is awarded to

S.GANGA BHAVANI

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of 72 %

Online Assignments | 19.5/25 | Proctored Exam | 52.5/75

Total number of candidates certified in this course: 371

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

Jan-Apr 2018 (12 week couppe NCIPAL Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



1-378, ADB ROAD, SURAMPAGE Peddapuram, E.G.Dt. (AP1-555-37



Roll No: NPTEL18EE03S4850152

Indian Institute of Technology Kanpur

To validate and check scores: http://



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:3



NPTEL Online Certification

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



This certificate is awarded to

KUKKALA SYAMALA

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of 53 %

Online Assignments 19.75/25 Proctored Exam

Total number of candidates certified in this course: 371

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

Jan-Apr 20 PANCIPA PRACATION OF THE PROPERTY OF THE PRACE OF TH

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur

1-378, ADB ROAD, SURAMPALEM Indian Institute of Technology Kanpur # 1-376, ADD R.C.Dt. (AP)-533 437



PRAGATI ENGINEERING COLLEGE EAST GODAVARI



Score	Type of Certificate
>=30	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

K.A.S.S.MOUNIKA

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of 55 %

Online Assignments 20.25/25 Proctored Exam 34.5/75

Prof. T. V. Prabhakar

Chairman Center for Continuing Education, ITTK Total number of candidates certified on this course: 371

PARAMETERING COLLEGE (AUTONOMOUS)

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

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur





1-378, ADB Road, Surampalem-533437

(Approved by AICTF, Permanently Affiliated to JNTUK, RAKINADA & 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: 2017-18

Electromagnetic Theory

COURSE OUTLINE

Electromagnetic theory is a core course in Electrical Engineering curriculum. The course covers static and dynamic electric and magnetic fields and their interaction. Major topics include Electromagnetic Waves, Transmission Lines, Waveguides, and Antenna fundamentals. In addition, quasi-static analysis and numerical methods are also discussed. Successful completion of the course will allow students to take up Microwave Engg, Antennas, and Optics for future studies.

TOPICS COVERED

Week 1 : Coulomb's law and electric fields

Week 2 : Gauss's law, potential and energy, conductors and dielectrics

Week 3: Laplace and Poisson equations, solution methods, and capacitance

Week 4 : Biot-Savart and Ampere's laws, inductance calculation

Week 5 : Magnetic materials, Faraday's law and quasi-static analysis

Week 6: Maxwell equations and uniform plane waves

Week 7: Wave propagation in dielectrics and conductors, skin effect, normal incidence

Week 8 : Oblique incidence, Snell's law, and total internal reflection

Week 9: Transmission lines, Smith chart, impedance matching

Week 10: Transients and pulse propagation on transmission line

Week 11: Waveguides: Metallic and Dielectric

Week 12 : Antenna fundamentals

PRINCIPAL
PRAGATI ENGINEERING COLIFORM
(AUTONOMOUS)
1-378, ADB ROAD, SURE

NO. OF STUDENTS ATTENDED:3

LIST OF STUDENTS ENROLLED

S.NO	STUDENT NAME
1	KOTHALANKA SWATHI SAMEERA
2	YALLA SRI SATYA
3	NADIKATLA BHUVANA SREE

LIST OF STUDENTS COMPLETED: 3

S.NO	STUDENT NAME	
- 1	KOTHALANKA SWATHI SAMEERA	
2	YALLA SRI SATYA	
3	NADIKATLA BHUVANA SREE	

Coordinator

the

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



ELECTROMAGNETIC THEORY

PROF. PRADEEP KUMAR K

Department of Electrical and Electronic Engineering

INTENDED AUDIENCE: The course is an integral part of EE curriculum. Students after completing this course can take up courses in Microwave Engg, Optics, Antennas etc.,

INDUSTRIES APPLICABLE TO: This is a undergraduate core course required as a foundation to other courses in Microwave, Optical, and Antenna engineering.

COURSE OUTLINE :

Electromagnetic theory is a core course in Electrical Engineering curriculum. The course covers static and dynamic electric and magnetic fields and their interaction. Major topics include Electromagnetic Waves, Transmission Lines, Waveguides, and Antenna fundamentals. In addition, quasi-static analysis and numerical methods are also discussed. Successful completion of the course will allow students to take up Microwave Engg. Antennas, and Optics for future studies.

ABOUT INSTRUCTOR:

Prof. Pradeep Kumar K. obtained his PhD from IIT Madras specializing in quantum cryptography. He joined the Department of Electrical Engineering at IIT Kanpur in 2009. He is also associated with the Centre for Lasers & Photonics. At IIT Kanpur he and his students work in the fields of quantum key distribution, nonlinear fiber optics for signal processing, mitigation of linear and nonlinear impairments in coherent optical communications, mode locked fiber lasers and chaos, fiber-optic sensors for undersea applications, and fiber-optic modeling. He is also actively involved in the LIGO-India effort under IndiGO umbrella. His lab develops single-photon detectors, single- and subcarrier RF transceivers, and is currently working on true random number generators. He has published over 40 papers in peer reviewed journals and conferences. He also holds three patents (one granted and two pending). His MOOC courses on NPTEL has been very popular with more than 15000 enrollments from across the country.

COURSE PLAN:

Week 1: Coulomb's law and electric fields

Week 2: Gauss's law, potential and energy, conductors and dielectrics

Week 3: Laplace and Poisson equations, solution methods, and capacitance

Week 4: Biot-Savart and Ampere's laws, inductance calculation

Week 5 : Magnetic materials, Faraday's law and quasi-static analysis

Week 6: Maxwell equations and uniform plane waves

Week 7: Wave propagation in dielectrics and conductors, skin effect, normal incidence

Week 8 : Oblique incidence, Snell's law, and total internal reflection

Week 9 : Transmission lines, Smith chart, impedance matching

Week 10 :Transients and pulse propagation on transmission line

Week 11 :Waveguides: Metallic and Dielectric

Week 12 : Antenna fundamentals

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

1-378, ADB ROAD, SURAMPALEM

10



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:3



NPTEL Online Certification

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



This certificate is awarded to

KOTHALANKA SWATHI SAMEERA

for successfully completing the course

Electromagnetic Theory

with a consolidated score of 40 %

Online Assignments 11.75/25 Proctored Exam

Prof. T. V. Prabhakar

Total number of candidates certified in this course: 568

Jan-Apr 2018

PRINCIPAL

(AUTONOMOUS) # 1-378, ADB ROAD, SURAMPALEN Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE



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:3



NPTEL Online Certification

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



This certificate is awarded to

YALLA SRI SATYA

for successfully completing the course

Electromagnetic Theory

with a consolidated score of 45 %

Online Assignments | 12/25

Proctored Exam 33/75

Total number of candidates certified in this course: 568

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

Jan-Apr 2018 RINCIPAL PRAGANCENTINEERING COLLEGE (AUTONOMOUS)

1-378, ADB ROAD, SURAMPALL M ar Doddanimam F.O.D. (41)-531 3/ Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2017-18 PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON BROCHURE



PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON

PRINT MAINLAVAN MUNINIS

(Meantenant of Language School and Lings Channal Mathematical Institute

INSTRUCES ALICHEMES : Students in any transferd of mathematics/science/organization, 1st year

PRE RECEIPTES + School level mathematics

INCOUSTRIES APPLICABLE TO | This course should be of value to any company requiring programming skills.

COURSE CUTTISHE:

This course is an introduction to programming and problem solving in Python. It does not assume any prior knowledge of
programming thing some mathesting enamples, the course quickly builds up basic correspts such as conditionals, loops, functions, lists,
strings and logists. If goes on to cover searching and sorting algorithms, dynamic programming and bucktracking, as seed as topics such
as emorphism handling and using files. As fall as data structures are concerned to course covers Python dictionaries as well as cleanes and
adjects for defining tree defined detaipper such as linked lists and binary search trees.

ABCHT METBUCTOR:

First - Machinera Multiumi studied at 8T Bormbay (BTech) and Aarhus University (PhD). He has been a faculty member at Chennal Mathematical Institute stress 1992, whose he is generally Professor and Director. His main research area is formal verification. He has active research collaborations within and toutside build and serves on international conference propriative committees and editorial boards of pounds. He has served as Treathert of look the inciden Aarrication for Research in Computing Science (AAPCS) (2011-2017) and the ACM india Council (2016-2018) has been the historial Coordinator of the Indian Computing Olympiad since 2002. He served as the Executive Director of the International Onlympiad in Information for Indian Council (2016-2018) has addition to the METH MEXIC programme, he has been involved in organizing IARCS instructional Courses for college teachers. He is a member of ACM incide a false attention Committee. He has contributed lectures on algorithms to the Messively Empowered Classroom (MEC) project of Microsoft Research and the OEEE programme of MHRD.

COMMEPT ANI
Week 1;
Inhumal introduction to programmin, algorithms and data structures yiegod
[homeleading and installing Pythem;
gret in Python: variables, operations, criotrol flow - assignments, condition-als, loops, functions
Week 2;

Binary search
Binary search
butter tree functions mamerical and structural induction
flementary links five starting selection and insertion sort
by place seating
Weak 3:

Week 2: Best: algorithmic analysis; input size, asymptotic complexity, O() notation Arrays wists Marga size! (Juli base! States secting)

Statide sorting
Week 4:
(In the name 5
More on Python functions optional arguments, default values
Passing functions as arguments
Higher order functions on lists map, iter, list comprehension
Week 5:
Fas epition handling
Basic Republications

Black Import/ouriged Harofling files

Hamiltong New String
Week di
Backtran king: N Queens, recording all solutions
Backtran king: N Queens, recording all solutions
Scope in Python: local, global, nondocal names
Nation has those
Lists structures stack, queen

Heap's Week 7:

Week 7: Abstract detatypest Classes, and older is in Pythiet "Linkant" lists. Ond, Insert, delete Broary search trees from lister, delete Height halonced favory search frees

till, tent evaluation of recordive definitions; memoization

Dynamic programming examples
Other programming languages: Carol manual memory man
Other programming paradigms: functional programming

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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



(Antonomous)

(Approved by AlCTE, Permanenth, Affiliated to Halter, Established According by HAAC with "A" Grade)
(Recognized by Den. Under Sections 2(t) and 12 (H) of 1926 act, 1926)
(the ORBAY 23221), 14 Website wave propole as in

LIST OF STUDENTS ENROLLED

S.No	Roll No.	Name of the Student
1	14A31A0511	IVATURI SAI MANASA
2	14A31A0518	KOTTURI LAKSHMI PRIYANKA
3	15A31A0594	TANIKELLA SRAVYA
4	15A31A0548	KANDA SATISH
5	15A31A0552	MATTA CHINNA SAMUDRUDU
6	16A31A0577	KUNISETTI MANI VEERA VENKATA RATNA KUMARI
7	15A31B0515	MATTA SAI SRESHTA
8	16A35A0502	BATCHU V.V.S.CH.SALSANDEEP
9	15A31A05A7	DULI VENKAT MANOJ
10	15A31A05B9	HIMATEJ S R Y
11	15A31B0554	SANJEEV TUMMALA
12	15A31A0506	CHANDRAPU TEJASREE
13	15A31A05A5	CHINTALAPUDI SATYA NIKILESH
14	15A31A0554	MEDAPATI MAHESH REDDY
15	15A31B0548	NAMALA SATYA VAMSI

-18

R

Coordinator

PRINCIPAL
PRAGATI ENGINEERING COLLEGE

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



(Autonomous) ADB Road, Surampalem, E.G.Dt., A.P. – 533 437 (Approved by AICTE, Permanently Affiliated to 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	15A31A0554	MEDAPATI MAHESH REDDY	Programming, data structures and algorithms using python	elite
2	16A35A0502	BATCHU V.V.S.CH.SAI.SANDEEP	Programming, data structures and algorithms using python	elite
3	15A31A05B9	HIMATEJ S R Y	Programming, data structures and algorithms using python	elite
4	14A31A0518	KOTTURI LAKSHMI PRIYANKA	Programming, data structures and algorithms using python	Successfully Completed
5	15A31A0548	KANDA SATISH	Programming, data structures and algorithms using python	Successfully Completed
6	16A31A0577	Kunisetti Mani Veera Venkata Ratna Kumari	Programming, data structures and algorithms using python	Successfully Completed

Coordinator

PRAGATI ENGINEERING COLLEGE

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

SAMPLE CERTIFICATES

PLANTE LELECTER RECUERT AND LEADING AND LEADING AND LEADING AS A SECOND ASSESSMENT OF THE PROPERTY OF THE PROP Roll No:NPTEL17CS1026710024AN

255 NO 36019296931

Score	Type of Certificate Ette - Gold Medial	
>=90		
60-89		
40-59	Successfully Completed the course	
<40	No Certificate	

Number of credits recommended by NPTEL:2



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govl. of India)



This certificate is awarded to BATCHU V.V.S.CH.SAI.SANDEEP

for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of 72 %

Online Assignments 25/25 Proctored Exam 46.5/75

Total number of candidates certified: 2411

Jan-Mar 2017 (8 week course)



Indian Institute of Technology Madras

In partnership with NASSCOM

Roll No: NPTEL17CS1026710024AN

To validate and check scores: http://riptet.ac.in/noc

The

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

Roll No:NPTEL 17CS1026710063FN

KOTTURI LAKSHMI PRIYANKA FLAT NO 101, EHAYANI NARAYANI APARTMENT, MEHERNAGAR, KARIMADA EAST GODAVARI ANDHRA PRADESH 533003 PH. NO :9083455434

Score	Type of Certificate
>=90	Elle - Soc wich
60-69	Elle
40-69	Summer Considered the bound
<40	No Certiform

Number of credits recommended by NPTEL:2



NPTEL Online Certification

This certificate is awarded to

KOTTURI LAKSHMI PRIYANKA

for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of 48 %

Online Assignments 9.5125 Proctored Exam

39/75

Total number of candidates certified: 2411

Jan-Mar 2017 (8 week course) ET Madras

Indian Institute of Technology Madeas.

NASSCOM

Roll No: NPTEL17CS1026710063FN

To validate and check scores: http://optel.ac.in/noc

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2017-18

Programming in c++ BROCHURE



PROGRAMMING IN C++

PROF. PARTHA PRATIM DAS

er mered Frequen

TYPE OF COURSE

: Remin | Gore | UG/PG

COURSE DURATION

: It 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 I Programming in C++ is so fundamental that all companies dealing with systems as well as application development (including web, loT, embedded systems) have a need for the same. These include -Microsoft, Samsung, Xerox, Yahoo, Google, IBM, TCS, Inlosys, Amazon, Flipkart, etc.

COURSE OUTLINE :

There has been a continual debate on which programming language/s to learn, to use. As the latest TIOBE index for May 2019 indicates - Java (16%), C (14%), C++ (8%), C#(4%), and Python (8%) together control rearry 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. Pariths Pratim Das received his BTech, MTech and PhD degrees in 1984, 1985 and 1988 respectively from IT 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 Kharagpur from 2001 to 2011, he worked for interra Systems, Inc. as a Senior Director and headed its Kofkata Center, in 2011, he joined back to Department of Computer Science and Engineering, IIT Kharagpur as Professor, Dr. Das has also served as a Visiting Professor with Institute of Radio Physics and Electronics, Calcutta University from 2003 to 2013.

COURSE PLAN .

Week 1: Programming in C++ is Fun : Build and execute a C program in C++, Write equivalent programs in

Week 2: C++ as Better C : Procedural Extensions of C

Week 3: Overview of OOP in C++ : Classes and basic Object-Oriented features (encapsulation)

Week 4; Overview of OOP in C++ : More OO features, overloading, namespace and using struct and union

Week 5: Inheritance : Generalization / Specialization of Object Modeling in C↔

Week 6: Polymorphism : Static and Dynamic Binding

Week 7: Type Casting & Exceptions : C++ cast operators; C++ Exceptions & standard exception classes

Week 8: Templates & STL - Function and Class templates and using STL like containers, algorithms

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

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

LIST OF STUDENTS ENROLLED

S.No	Roll No.	Name of the Student
1	15A31A0501	Aayushi Jain
2	16A31A0584	P.Madhura Meenakshi
3	16A31B0547	Nurukurthi Venkat
4	15A31A0503	Aswini Pothuri
5	16A31A0585	P.VV Lakshmi Prasanna
5	15A35A0501	N. Lakshmi Priyanka
7	16A31A0593	Vasamsetti Uma Devi
3	15A31B0548	Namala Satya Vamsi

Corrdinator

10

PRAGATI ENGINEERING COLLEGE

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

LIST OF STUDENTS CLEARED

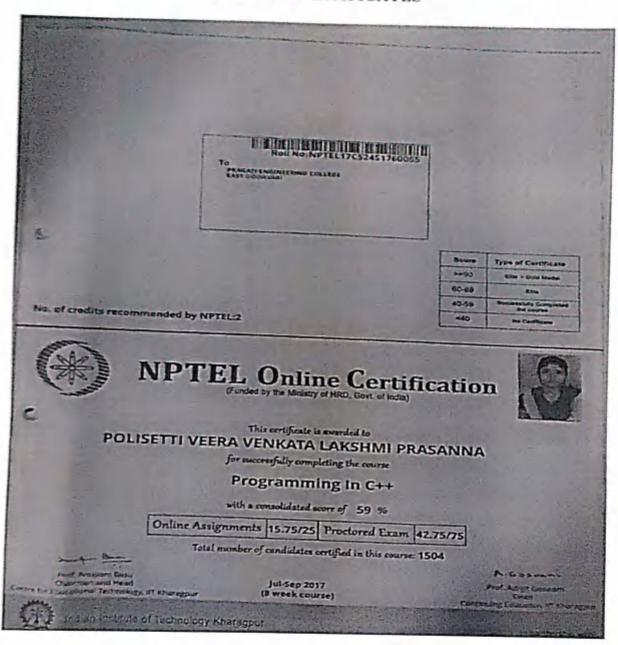
S.No.	Roll No.	Name	Course Title	Result
1	16A31A0593	Vasamsetti Uma Devi	Programming in C++	Successfully Completed
2	16A31A0584	P.Madhura Meenakshi	Programming in C++	Successfully Completed
3	16A31A0585	P.VV Lakshmi Prasanna	Programming in C++	Successfully Completed

Coordinator

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

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SAMPLE CERTIFICATES



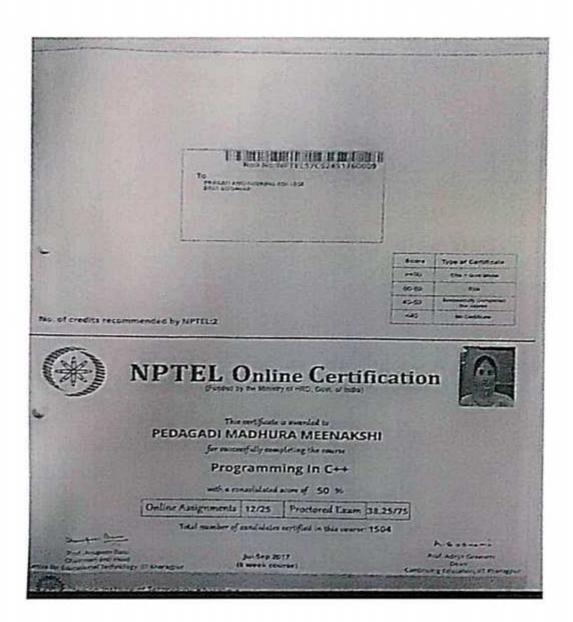
to

PRINCIPAL

PRAGATI ENGINEERING COLLEGE

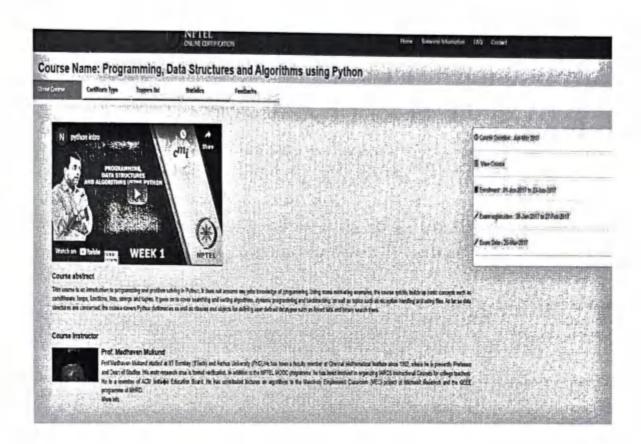
(AUTONOMOUS)

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



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



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



PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON

Department of Computer Science and Engineering Chemical 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. Machinian Mukund studied at IIT Bumbay (BTech) and Aurbay University (PhD). He has been a faculty member at Chemisal Mathematical Institute since 1992, 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 programme 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

In additional Olympied in Informatics from 2011-2014.

In addition to the NPTEL MODE programme, he has been involved in organizing JARCS instructional Courses for college feachers. He is a member of ACM India's Education Counstites, He has contributed lectures on algorithms to the Massively Empowered Classroom (MEC) project of Microsoft Research and the QEEE programme of MHRD.

COURSE PLAN: Week 1:

Informal Introduction to programmin, algorithms and data structures yiaged

Downloading and Installing Python

god in Python: variables, operations, control flow - assignments, condition-als, loops, functions

Python: types, expressions, strings, lists, tuples Python memory model: names, mutable and immutable values: List operations: slices etc.

Binary search

Inductive function denitions: numerical and structural induction Elementary inductive sorting: selection and insertion sort

m-place sorting Week 3:

orithmic analysis: input size, asymptotic complexity, Oi) notation

Arrays vs lists Merge sort

Stable sorting

More on Python functions: optional arguments, default values

Passing functions as arguments

Higher order functions on lists: map, ker, list comprehension

Week St

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 "Unked" lists find, insert, delete Binary search trees find, insert, delete Helight-balanced binary search trees

Height-ba Week 8;

recess

Efficient evaluation of reqursive definitions: memoization

Dynamic programming examples

Other programming languages: C and manual memory management

Other programming paradigms: functional programming

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LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student	
1	16A31A1222	Motipalli Lakshmi Sri Lalitha	
2	16A31A1214	G.SaiSravaniSreeja	
3	16A31A1213	Duvvuri Naga Pratyusha	
4	16A31A1240	YeluriJahnavi	
5	16A31A1238	VelumuriAmrutha	
6	16A31A1201	A Naga Krishnaveni Varaha Lakshmi	
7	16A31A1260	V Kumara VeeraVenktaSatyaKanth	
8	16A31A1211	DamalankaSatyaKalyani	
9	16A31A1226	PanthamKavyaSree	
10	15A31A1215	KilambiVaishnavi Krishna	
- 11	16A31A1239	VuppalapatiVanitha	
12	16A31A1237	VasamsettiDharani	
13	16A31A1212	DevallaBhuvaneswari	
14	16A31A1243	DunnaSreeVineethVenkatesh	
15	16A31A1210	ChPravallika	
16	16A31A1216	Karri Harika Rani	
17	16A31A1254	NandamSai Sri Harsha	
18	16A31A1230	Sanagavarapu Kanaka SaiPoornima	
19	16A31A1202	AggitakalyaManasa	
20	16A31A1204	BalabhadruniPranitha	
21	16A31A1246	Grandhi . Ramakrishna Ajay	
22	16A31A1250	Kanda SatyaSaiVenkataYashwanth	
23	16A31A1203	RasiDeepika	
24	16A31A1217	KhandavilliNandini Devi	
25	16A31A1227	AlekhyaPuranam	
26	16A31A1252	Kesepattapu Nikhil	
27	16A31A1221	MootinaBhargaviAmulya	
28	15A31A1229	VydehiSunku	

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LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	16A31A1222	Motipalli Lakshmi Sri Lalitha	Programming, data structures and algorithms using python	Successfully completed
2	16A31A1214	G.SaiSravaníSreeja	Programming, data structures and algorithms using python	Successfully completed
3	16A31A1213	Duvvuri Naga Pratyusha	Programming, data structures and algorithms using python	Elite
4	16A31A1240	YeluriJahnavi	Programming, data structures and algorithms using python	Elite
5	16A31A1238	VelumuriAmrutha	Programming, data structures and algorithms using python	Elite
6	16A31A1201	A Naga KrishnaveniVaraha Lakshmi	Programming, data structures and algorithms using python	Elite
7	16A31A1260	V Kumara VeeraVenktaSatyaKanth	Programming, data structures and algorithms using python	Elite
8	16A31A1211	DamalankaSatyaKalyani	Programming, data structures and algorithms using python	Elite
9	16A31A1226	PanthamKavyaSree	Programming, data structures and algorithms using python	Elite
10	15A31A1215	KilambiVaishnavi Krishna	Programming, data structures and algorithms using python	Elite
11	16A31A1239	VuppalapatiVanitha	Programming, data structures and algorithms using python	Elite
12	16A31A1237	VasamsettiDharani	Programming, data structures and algorithms using python	Successfully completed
13	16A31A1212	DevallaBhuvaneswari	Programming, data structures and algorithms using python	Successfully completed
14	16A31A1243	DunnaSreeVineethVenkatesh	Programming, data structures and algorithms using python	Successfully completed



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15	16A31A1210	ChPravallika	Programming, data structures and algorithms using python	Elite
16	16A31A1216	Karri Harika Rani	Programming, data structures and algorithms using python	Successfully completed
17	16A31A1254	NandamSai Sri Harsha	Programming, data structures and algorithms using python	Successfully completed
18	16A31A1230	Sanagavarapu Kanaka SaiPoornima	Programming, data structures and algorithms using python	Elite
19	16A31A1202	AggitakalyaManasa	Programming, data structures and algorithms using python	Elite
20	16A31A1204	BalabhadruniPranítha	Programming, data structures and algorithms using python	Elite
21	16A31A1246	Grandhì . Ramakrishna Ajay	Programming, data structures and algorithms using python	Elite
22	16A31A1250	Kanda SatyaSaiVenkataYashwanth	Programming, data structures and algorithms using python	Successfully completed
23	16A31A1203	RasiDeepika	Programming, data structures and algorithms using python	Elite
24	16A31A1217	KhandavilliNandini Devi	Programming, data structures and algorithms using python	Elite
25	16A31A1227	AlekhyaPuranam	Programming, data structures and algorithms using python	Successfully completed
26	16A31A1252	Kesepattapu Nikhil	Programming, data structures and algorithms using python	Elite
27	16A31A1221	MootinaBhargaviAmulya	Programming, data structures and algorithms using python	Elite
28	15A31A1229	VydehiSunku	Programming, data structures and algorithms	Elite



PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

using python

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



PRAGATI ENGINEERING COLLEGE EAST GODAVARI

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Ekte
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

MOTIPALLI LAKSHMI SRI LALITHA

for successfully completing the course

Programming, Data Structures And Algorithms Using Python

with a consolidated score of 59 %

Online Assignments | 22.5/25 | Proctored Exam | 36/75

Total number of candidates certified in this course: 3930

Centre for Continuing Education, IITM

Jul-Sep 2017 (8 week course) Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras

In partnership with NASSCOM*

Roll No: NPTEL17CS28S1760094

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

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



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

G.SAI SRAVANI SREEIA

for successfully completing the course

Programming, Data Structures And Algorithms Using Python

with a consolidated score of 56 %

Online Assignments 21.88/25 Proctored Exam 34.5/75

Total number of candidates certified in this course: 3930

Prof. A. Ramesh Chairman Centre for Continuing Education, IITM

Jul-Sep 2017 (8 week course)

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras



In partnership with NASSCOM*

ı	Medules / Lectures
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g	terripolation and
ě	ALERINA - TENTON
Ě	The second second second
ě	replacement of the second of the second
ķ	And over and Through
B	



ge for video transcript: English

Video Transcript:

Helia, and vertices to the course an an introduction to Operating Systems, So, that is all week NPTEs, Course, which is report targeted for Under Greducte Comparter Science and Displaceting academic. Sicritical Electrical Science solvents may also beneated from this postero. The preventances for the contine a zero year and strong understanding of the C. Programming largeting, targeting, and will be using a lat of polimers to particular function pointers as well as that strengthers in a good understanding of Comparison.



INTRODUCTION TO OPERATING SYSTEMS

PROF. CHESTER REBERIO

Department of Computer Science and Engineering

ENTENDED AUDIENCE: 8.E./Mic (Computer Science)

PRE-REQUISITES: Good knowledge of C. Computer Organization and Architecture, x86 Assembly level

COURSE OUTLINE:

Operating systems (OS) provide the crucial interface between a computer's hardware and the applications that run on it. It allows us to write programs without bothering much about the hardware, it also ensures that the computer's resources such as its CPU, hard disk, and mentiony, are appropriately utilized, in this course, we dwisel into how the OS manages to do all this in an efficient manner. This is an introductory double, but students, with prior knowledge of computer organization. The course is based on an OS called av6, which in many ways is similar to the Linux operating systems.

ABOUT INSTRUCTOR;

Prof. Chester Rebeiro is an Assistant Professor et IIT Matiras, He completed his PhO from IIT Kharagosa and a post oc from Cohembia University. His research interests are in cryptography, system security, especially hardware and operating system security.

COURSE PLAN:

Week 1; Introduction

Week 2: Memory Management

Week At Internipts and Context Switching

Week 5: Scheduling

Week &: Synchronization

Week 7: Deadlocks

Week 8: Operating System Security

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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	15A31A1248	NalamAravinda Kumar
2	15A31A1245	MangalaVenkatesh
3	15A31A1253	P Siva Naga Sai

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	15A31A1248	NalamAravinda Kumar	Introduction to operating systems	Successfully completed
2	15A31A1245	MangalaVenkatesh	Introduction to operating systems	Successfully completed
3	15A31A1253	P Siva Naga Sai	Introduction to operating systems	



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Roll No: NPTEL17CS29S1760034

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

NALAM ARAVINDA KUMAR

for successfully completing the course

Introduction To Operating Systems

with a consolidated score of 52 %

Online Assignments 16.25/25 Proctored Exam 35.25/75

Total number of candidates certified in this course: 1095

Prof. A. Ramesh Chairman Centre for Continuing Education,IITM

Jul-Sep 2017 (8 week course)

A. PRINCIPAL

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras

RAGATI ENGINEERING COLLEGE

In partnership with NASSCOM*



Roll No:NPTEL17CS29S1760051

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

MANGALA VENKATESH

for successfully completing the course

Introduction To Operating Systems

with a consolidated score of 50 %

Online Assignments 16.25/25 Proctored Exam 33.75/75

Total number of candidates certified in this course: 1095

Prof. A. Ramesh Chairman Centre for Continuing Education,IITM

Jul-Sep 2017 (8 week course)

PRINCIPAL

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras

(1)

Indian Institute of Technology Madras

PRAGATI ENGINEERING COLLEGE

In partnership with NASSCOM*

Roll No: NPTEL17CS29S1760051

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

Modules / Lectures	match on Yout Die Video Assignments Download videos Transcripts Books
	FUNDAMENTALS OF DATABASE SYSTEMS
	INTRODUCTION
The contract of the contract o	TO DATABASES
	PROF. ARNAB BHATTACHARVA
	Laringuage for Video Trivescripe English M
	Video Transcript: welcome all of you so this course on fundamentals of database systems this is mostly an undergraduate course for computer science and engineering as well as for information sechnology students so the use and off with what do we mean by a database or a database are assemblely a collection of data but very importantly it is not aliny data it is a collection of inner related data so the data fields or the data picks into these some conflictions with them so it is a sector later - efforted data for easingthe limited well all have some later of what databases are and where it is an an end for example in an institute of the arotice.

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NOC:Fundamentals of Database Systems(Course sponsored by Aricent) - Video course

COURSE OUTLINE

Databases are at the core of all successful digital systems. The course will introduce the basics of database systems. In addition to the traditional relational database systems, it will also introduce briefly the new paradigm of NoSQL databases used in big data systems. The topics will cover all important aspects including normalization, query processing and transactions

COURSE DETAIL

SLNo.	Topics	
1. Introduction to Databases		
2.	2. Relational Data Model	
3.	Relational Algebra: Basic Operators	
144	Relational Algebra; Additional Operators	
5.	Relational Algebra: Updates	
ô.	Entry-Relationship Diagram	
Ž.	SQL: Creation and Basic Query Structure	
8.	SQL: Basic Operations	



Pre-requialtes:

Basic programming Data structures and algorithms

Coordinators:

Dr. Arnab Bhattacharya Department of Computer Science and Engineering IT Kampur:

19.	SQL:Aggregate and Grouping		
10.	SQL: Nested Subqueries and Sets		
25.	SQL: Updates and Joins		
12.	SQL: Views and Tiggers		
13.	Piecep		
14	Database Normalization: Functional Opportunities		
15.	Database Normalization: 1NF and 2NF		
1,6	Database Normalization: 3NF:		
17.	Catabase Normalization: BCNF		
10.	Database Normalization: Multi-valued Dependencies		
10.	Physical Design		
20.	Indexing: Basics and Hashing		
21-	Indexing: B-tree and B+-tree		
22.	Recap		
_	Query Processing: Selection		





PRINCIPAL PRAGATI ENGINEERING COLLEG

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



(Autonomous)
ADB Road, Surampalem, E.G.Dt., A.P. – 533 437 (Approved by AICTE, Permanently Affiliated to 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	15A31A1204	B.Padmavathi
2	15A31A1209	DurgaSaiSushmaCh
3	15A31A1228	SeelaSreelekha
4	15A31A1230	SuravarapuAlekhya
5	15A31A1222	PadalaSripriya
6	15A31A1220	NalluriSwapna
7	15A31A1226	Risha Jain
8	15A31A1225	Rao Dharavi
9	15A31A1227	SathiSusmitha
10	15A31A1223	Parimala Aditya Arava
- 11	15A31A1216	Kodukula Shravika

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	15A31A1204	B.Padmavathi	Fundamentals of Database Systems	Successfully completed
2	15A31A1209	DurgaSaiSushmaCh	Fundamentals of Database Systems	Elite
3	15A31A1228	SeelaSreelekha	Fundamentals of Database Systems	Successfully completed
4	15A31A1230	SuravarapuAlekhya	Fundamentals of Database Systems	Successfully completed
5	15A31A1222	PadalaSripriya	Fundamentals of Database Systems	Elite
6	15A31A1220	NalluriSwapna	Fundamentals of Database Systems	Elite
7	15A31A1226	Risha Jain	Fundamentals of Database Systems	Successfully completed
8	15A31A1225	Rao Dharavi	Fundamentals of Database Systems	Successfully completed
9	15A31A1227	SathiSusmitha	Fundamentals of Database Systems	Elite
10	15A31A1223	Parimala Aditya Arava	Fundamentals of Database Systems	Elite + Topper of 5%
11	15A31A1216	Kodukula Shravika	Fundamentals of Database Systems	Successfully completed



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



Roll No: NPTEL17CS33S1760063

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

B.PADMAVATHI

for successfully completing the course

Fundamentals Of Database Systems

with a consolidated score of 50 %

Online Assignments 16/25 Proctored Exam 33.75/75

Total number of candidates certified in this course: 1353

IV Prable

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

Jul-Sep 2017 (8 week course)

RINCIPAL

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE

In partnership with

Roll No: NPTEL17CS33S1760063

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



Roll No: NPTEL17CS33S1760048

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

DURGA SAI SUSHMA CH

for successfully completing the course

Fundamentals Of Database Systems

with a consolidated score of 60 %

Online Assignments 20.5/25 Proctored Exam 39.75/75

Total number of candidates certified in this course: 1353

TV Prabhalm

Prof. T. V. Prabhakar Chairman Centre for Continuing Education,IITK Jul-Sep 2017 (8 week course) Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE

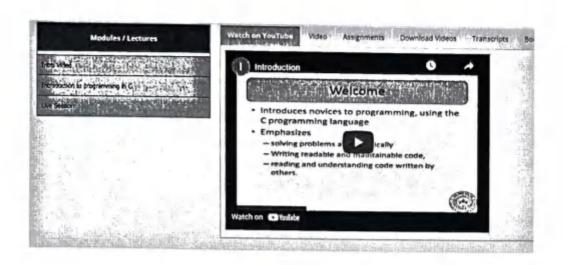
In partnership with

Roll No: NPTEL17CS33S1760048

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

W

Near Peddapurum, L.G.Dt. (AP)-533 437



INTENDED AUDIENCE : Anyone can learn

PRE-REQUISITES: : Anyone can learn

pre-REQUISITES: : Pror programming not required; mathematical maturity of a second level UG student in science or engineering

COURSE OUTLINE:

This is a course in programming in C. No prior programming experience is assumed, however, mathematical maturity at the level of a second year science or engineering undergraduate is assumed. We emphasize solving problems using the language, and introduce standard programming techniques like alternation, betation and recursion. We will briefly glimpse the basics of software engineering practices like modularization, commenting, and naming conventions which help in collaborating and programming in teams.

ABOUT INSTRUCTOR:

Prof. Satyadev Nandakumar is an Assistant Professor at the Department of Computer Science & Engineer Kanpur. He is specialized in Computable Analysis, Algorithmic information Theory, Symbolic Dynamics, His re interests lies in the areas of:

- * Algorithmic Information Theory, Kolmogdrav 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, pseudo

COURSE PLAN:

Week 81 : Introduction, Straight-Line Code, Variables, Operators, Expressions and Conditionals.

Week 02 : Loops

Week 03 1 functions

Week 04 : One-Dimensional Arrays and Pointers.

Week 65 1 Recursion.

Week 06 1 Multi-dimensional Arrays, Linked Lists.

Week 07 1 Operating on Files.

Week 08: Organizing C projects, working with multiple source directories, makelles.

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LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	15A31A1241	KatariVeeraVenkata Rao
2	15A31A1235	BondadaSatya Hanuman

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	15A31A1241	KatariVeeraVenkata Rao	Introduction to Programming in C	Successfully completed
2	15A31A1235	BondadaSatya Hanuman	Introduction to Programming in C	Elite

W

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



Roll No: NPTEL17CS43S1760046

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

KATARI VEERA VENKATA RAO

for successfully completing the course

Introduction To Programming In C

with a consolidated score of 58 %

Online Assignments 14.75/25 Proctored Exam 43/75

Total number of candidates certified in this course: 2992

TV Prable

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

Jul-Sep 2017 (8 week course) Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur



Indian Institute of Technology Kanpur

PRAGATI ENGINEERING COLLEGE

In partnership with



Roll No: NPTEL17CS43S1760017

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



Elite

FEL Online Certification

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



This certificate is awarded to

BONDADA SATYA HANUMAN

for successfully completing the course

Introduction To Programming In C

with a consolidated score of 62 %

Proctored Exam | 46.5/75 Online Assignments 15/25

Total number of candidates certified in this course: 2992

Prof. T. V. Prabhakar Chairman Centre for Continuing Education, ITK

Jul-Sep 2017 (8 week course)

Prof. Satyaki Roy NPTEL Coordinator

IIT Kanpur



In partnership with NASSCOM*

Indian Institute of Technology Kanpur



NPTEL SYLLABUS NATIONAL PROGRAMME ON TECHNOLOGY ENCHANCED LEARNING

· COUNTY



Introduction to Modern Application Development

ABOUT THE COURSES

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the internet, building a men application, displayed, performance and receify, and building a most in
application, in addition, the course will have an extensive ask of injectical function which will have be paterable ask of injectical function which will be presented as feet for injection in a feet for injection and injection and injection in the property state in the residence for the course property.

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Introduction to the Internet dutating a web application Databases Performance and security

for additional information, see www.lmad.tech

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student	
1	15A31A1202	Anusuri Bala Priyanka	_

LIST OF STUDENTS CLEARED

		DIST VI SI	Course Title .	Result
S.No.	Roll No.	Name		
		Anusuri Bala Priyanka	Introduction to Modern Application Development	Successful completion
1	13A31A1202	Amosari Sansary	Application Development	

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PRINCIPAL PRAGATI ENGINEERING COLLEGE

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



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

ANUSURI BALA PRIYANKA

for successfully completing the course

Introduction to Modern Application Development

with a consolidated score of 50 %

Online Assignments 14.25/25 Proctored Exam 36/75

Total number of candidates certified in this course: 1725

Prof. A. Ramesh Chairman Center for Continuing Education, IITM

Feb-Mar 2018 (8 week course)



Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



Indian Institute of Technology Madras

PRINCIPAL PRAGATI ENGINEERING COLL







INTRODUCTION TO INTERNET OF THINGS

Department of Engineers Science and Lagranging

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COURSE PLAN

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V



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

INTRODUCTION TO INTERNET OF THINGS

PROF. BUDP MISHA

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COURSE PLAN

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LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	15A31A1215	KilambiVaishnavi Krishna

LIST OF STUDENTS CLEARED

		LIST OF	STUDENTS CLEAKED	
S.No.	Roll No.	Name	Course Title	Result
1	15A31A1215	KilambiVaishnavi Krishna	Introduction to Internet of Things	Successful completion



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



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:3



NPTEL Online Certification

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



This certificate is awarded to

KILAMBI VAISHNAVI KRISHNA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 48 %

Online Assignments | 16.5/25 Proctored Exam 31.5/75

Total number of candidates certified in this course: 3776

Prof. Anupam Basu **NPTEL Coordinator** IIT Kharagpur

Jan-Apr 2018 (12 week course) A. GOSHAMU

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS08S3850160

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



Near Peddapurar (AP)-533 437

Modules / Lectures	Watch on Youth the Videa Assignments Downsaid Videos Transcripts Books
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Lecture 2 : Introduction to CERS/1	Prof. Partha Pratim Das Department of Computer and
Lecture 31; Introduction to 00HS/2	Engineering Indian Institute of Technology
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DATA BASE MANAGEMENT SYSTEM

Department of Computer Science and Engineering IT Kharagaan PROF. SAMIRAN CHATTOPADHYAY Department of Computer Sounds and Engineering all Rhanagour

PRE-REQUIRETES; Procedural and I or Object-Oriented Programming (C.): C++ I quick / Python), Data Structures, Alperteres

INTENDED AUDIENCE : Bludwis from all disciplines can ered for his course

PRINTERES APPLICABLE TO: 18965 is an innovince of the course.

PRINTERES APPLICABLE TO: 18965 is an innovince of the of companies dealing with ejection the reagriculture development (recording seek lot), embedded systems, data strong, marries between his the series from these belonding have a for the series from include. Microsoft, Samurang, Yange, Yange, Congle, MM, TCS, Infanys, Amazon, Figuret, site.

COURSE OUTLINES

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Where DRMS's other in the delate, they share a common set of models, design parastigms and a Shronavel Language (SGL). In this hard-powed the records anestering data establishes, the organizations, concepts and print of DRMS's, deta analysis, detabase pleatys, data recording, calciums management, data deport application distances engineerance, data analysis, detabase designs, the course introduces resistant, data records entity-relies resistant, data records entity-relies resistant, data records entity-relies resistant, data records entity to pleasy after again system; through sections enalgements. Design of simple inust-tiel clear it served aquate based one Web based distallates applications in pine introduces.

Prof. Plaths Fratis Des required this BY soft, NT exh and PriD degrees in 1984, 1985, and 1986 indipendently from UF Plantique Are served as a faculty in Department of Computer States and Engineering, UT Statesgies from 1985 to 1988, to 1989, be joined Astron. Biblywood III as a Sources Conscipring Manager, Prim 2009 to 2011, to 1985 to 1988, to 1986, be joined Astron. Bearing States and beautiful to Astron. Bearing Planting for States and Search Planting and Search Computer Solvens on Search States and Search States States and Search Search Search States and Search Search States and Search Search States and Search S

Prof. Data to rendly the Need of Reports Mains Bohout of Engineering Enveronments, the Profes of the spooning Research Park of 87 Kharappur pt Reports, Hohele, and the Josephanopal Investiga Organic Energy of India project of M4502.

Prof. Das has taught streem tourises in Complain. Schemic techning Software Engineering Systems, Programming and Date Strukture, Computer Creater, Consuper and Analysis of Asia Design, Dublace Management Systems, Computational Geometry, Policipies of Program Environisch Systems, and image Processory. Justiny with 2 others, he has also offered a to Design of Algorithms under the 1967 program of MELECT, MINTER Delign. Proceed Restinct Sealey (1970) teachers, Futther, Or. Dae has been offering Programming in One and Object Design in PRISE AGC, Black delivers are register, attending transparenting in One and Object.

PRINCIPAL PRAGATI ENGINEERING COLLEGE (AUTONOMOUS) OF CURAMPALEM



PRAGATI ENGINEERING COLLEGE

(Autonomous)

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

COURSE PLAN:

Week 1: Course Overview, Introduction to RDBMS

Week 2: Structured Query Language (SQL)

Week 3: Relational Algebra, Entity-Relationship Model

Week 4: Relational Database Design

Week 5: Application Development, Case Studies, Storage and File Structure

Week 6: Indexing and Hashing, Query Processing

Week 7: Query Optimization, Transactions (Serializability and Recoverability)

Week 8: Concurrency Control, Recovery Systems, Course Summarization

LIST OF STUDENTS PARTICIPATED

S.No	Roll No.	Name of the Student
1	16A31A1221	MootinaBhargaviAmulya
2	16A31A1260	Vanga Kumara VeeravenktaSatyaKanth
3	16A31A1246	Grandhi Rama Krishna Ajay
4	16A31A1232	SiriginaMounika

LIST OF STUDENTS CLEARED

S.No.	Roll No.	Name	Course Title	Result
1	16A31A1221	MootinaBhargaviAmulya	Database Management System	Elite
2	16A31A1260	Vanga Kumara VeeravenktaSatyaKanth	Database Management System	Successful completion
3	16A31A1246	Grandhi Rama Krishna Ajay	Database Management System	Successful completion
4	16A31A1232	SiriginaMounika	Database Management System	Successful completion

W

PRAGATI ENGINEERING COLLEGE

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



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



Elite

NPTEL Online Certification

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



This certificate is awarded to

MOOTINA BHARGAVI AMULYA

for successfully completing the course

Database Management System

with a consolidated score of 68 %

Online Assignments 16.5/25 Proctored Exam 51.62/75

Prof. Anupam Basu

NPTEL Coordinator

IIT Kharagpur

Total number of candidates certified in this course: 2419

total number of candidates certified in this course: 24

Feb-Mar 2018 (8 week course) A. Goshami

Prof. Adrijit Goswami Dean Continuing Education, IT Kharagpur



Indian Institute of Technology Kharagpur RAGATI ENGINEERIN

PRINCIPAL L ENGINEERING COL





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

VANGA KUMARA VEERAVENKTA SATYA KANTH

for successfully completing the course

Database Management System

with a consolidated score of 52 %

Online Assignments | 16.5/25 | Proctored Exam | 35.48/75

Total number of candidates certified in this course: 2419

A. GOSHAM

Prof. Adrijit Goswami Dean Continuing Education, IIT Kharagpur

Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur

Feb-Mar 2018 (8 week course)



Indian Institute of Technology Kharagpur

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



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