

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

List of Certificate / Add-On-Programs

Academic Year: 2019-2020

SNo	Name of the Program	Duration of Course	Number of Participants
1	A Two week Certificate Program on CNC Training	05-08-2019 to 10-08-2019	98
2	A Two Week Certificate Program on Arduino Coding using Tinker cad	26-08-2019 to 31-08-2019	78
3	A Two Week Certificate Program on Statistics with R	26-08-2019 to 31-08-2019	160
4	A Two Week Certificate Program on Power System Operation and Control using MATLAB	20.01.2020 to 25.01.2020	58
5	A Two Week Certificate Program on Fundamentals of Java Programming	20-01-2020 to 25-01-2020	75

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Ref: MTCET/CC/ME-01/2019

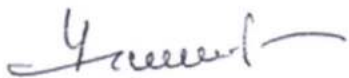
Date: 26.07.2019

CIRCULAR



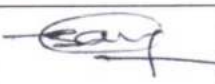




All III/IV MECH Students are here by informed that Department of MECHANICAL ENGINEERING is conducting a Two Weeks Certificate Program on "CNC TRAINING" Dr. D.SAMMAIAH, Associate Professor, SR University, Warangal Campus, is the Resource Person. The program will be held from 05.08.2019 to 10.08.2019. All the interested students are instructed to register their names in the Department office on or before 03.08.2019. All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Seminar Hall. 2nd floor.

Timings: 9:30AM to 5:30 PM


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Circulated to: All HoD's

EEE	MECH	ECE	CSE	MIN	MBA	S & H
						

Copy to: Notice Board




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Date: 26.07.2019

Week / Day – Wise Schedule

Name of the Programme: “CNC TRAINING “

SNO	DAY	DATE	topics covered
1	Monday	05-08-2019	Fanuc usage & maintenance
2	Tuesday	06-08-2019	Fanuc intensive maintenance
3	Wednesday	07-08-2019	developing the hmi with fanuc picture
4	Thursday	08-08-2019	g-code programming and operation
5	Friday	09-08-2019	custom macro programming
6	Saturday	10-08-2019	understanding fanuc 4- and 5-axis functions

Dr. D Sammaiah

Resource Person

HOD – ME

Head of the Department
Mechanical Engineering
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Date: 26-07-2019

**REGISTRATION FORM
A TWO WEEK CERTIFICATE
PROGRAM
ON
CNC TRAINING
05.08.2019 TO 18.08.2019**

Name: _____
Designation: _____
Department: _____
Working Organization: _____
Address for correspondence: _____
Toll ID: _____
Phone No: _____
Registration Fee Details:
Amount: _____ DO No: _____
Date: _____ Signature: _____

SPONSORSHIP CERTIFICATE

No. MTC _____
As employee of our Organization and is being sponsored to A Two Week Certificate Program in CNC Training.

Signature of Authority: _____

Chief Patron:
Mr. A. Krishna (Secretary)

Patrons:
Mr. A. Narvesh Kumar (Chairman)
Mr. A. Naveetha

Chairman:
Mr. Dr. T. Srinivas, Principal

Convener:
Mr. V. ASHOK CHODAMECH

Co-Convener: Asst. Prof. MECH
Mr. K. Manoj

Advisory Committee:
MR.M. SAKREDDY Asst. Prof. MECH

Organizing Committee:
Mr. K. Narvesh Admin. Officer
Mr. A. KRISHNA Asst. Prof. MECH
Mrs. B. SHEVANI Asst. Prof. MECH
Mrs. S. MALA SRI Asst. Prof. MECH
Mrs. T. Anil Asst. Prof. MECH
Mr. M. ZEAL KRAN Asst. Prof. MECH

**A TWO WEEK CERTIFICATE
PROGRAM
ON
CNC TRAINING
DAYS 05.08.2019 TO 18.08.2019**

Department of MECH



Estd: 1999

Organized by
Department of MECH,
Seminar Hall - 1
Mother Theresa College of Engg & Tech,
(Approved by AICTE, New Delhi, and
AFFILIATED TO JNTU, Hyderabad),
PEDDABONKUR, DIST. PEDDAPALLI
TS-505174

About the College:

Mother Theresa College of Engineering & Technology (MTEC) was established in the year 1999. It has a well-planned campus with pollution free environment. It is located at Peddabonkuru of Peddapalli district (Telangana). MTEC has emerged as a premier institution in the field of Technological Education, one of the most well organized institutions in Telangana District.

Aesthetically built buildings, well furnished lecture halls, library, workshop, computer lab, language facility, conference hall, Seminar hall, laboratories and spacious play ground, outdoor and indoor sports facilities, recreational-entertainment facilities, organized bus and canteen in the campus offer an ideal environment for pursuit of a professional career. MTEC has proved to be a training ground in the area of study students, the place where their process of creative begins.

About the Department:

The Department of MECH was established in 2003 with an intake of 30 and subsequently increased to 60. The Department Offers M.Tech program in cell-ten, thermal engineering, with an intake of 15. The department has experienced, qualified and dedicated faculty. Right from its inception it is continuously striving to impart quality education and computer-empowered spirit among students for academic excellence.

Program Contents:

Descriptive program as CNCLATHE:

- Basics of lathe work
- Control panel functions of lathe lathe
- CNC machine operation training program
- CNC machining short term training program

**The main aim of the program is to train the students for employment in the IT sector and implementing student ideas to come up with their own applications.

Resource Person:
Mr. D.SANMULANI, Ph.D.,
Asst. Professor, MECH Department,
SRU University, WARENGAL Campus.

Student Co-ordinators:

- K. Rakesh
- A. Rajul
- V. Anil Kumar
- M.A. Sruya
- T. Karthik
- M. Ashish

Eligibility:
Students who are pursuing B.TECH/M.TECH are eligible for attending this workshop.

Registration:
Each Participant pay the following amount as the registration fee.
Per Student: Rs. 500/-

The amount is to be paid by District Draft-man in favour of "The Principal, Mother Theresa College of Engineering & Technology, Dr. T. Srinivas"

Boarding & Lodging:
Accommodations will provide for extensive participants. (Creditable apply)

IMPORTANT DATES
Last Date of Registration: 04th AUG 2019
CEN 18-08 AND
Program dates: 05.08.2019 TO 18.08.2019

ADDRESS FOR CORRESPONDANCE:
Mr. V. ASHOK CHODAMECH,
Asst. Professor, HEAD of MECH,
Call no: 9989959556



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Date: 10.08.2019

PROGRAM REPORT

Name of the Programme: "Two Week Certificate Program on "CNC TRAINING"

Date / Duration : 05.08.2019 to 10.08.2019 (36 Hours)

Resource Person: Dr. D.SAMMAIAH, Associate Professor, SR UNIVERSITY, WARANGAL.

Name of Coordinator : Mr. V.ASHOK, Associate Professor, MTCET, Peddapally.

Number of Participants: 50

Program Objectives: The objectives of this program are

- To develop first-generation
- To train instructors in CNC program

Topics Covered: The following topics were discussed in this certificate program

- FANUC usage and maintenance
- FANUC Insensitive Maintenance

Program Outcome: The workshop is intended to facilitate the students to acquire knowledge and information on CNC TRAINING



G. Venkatesh
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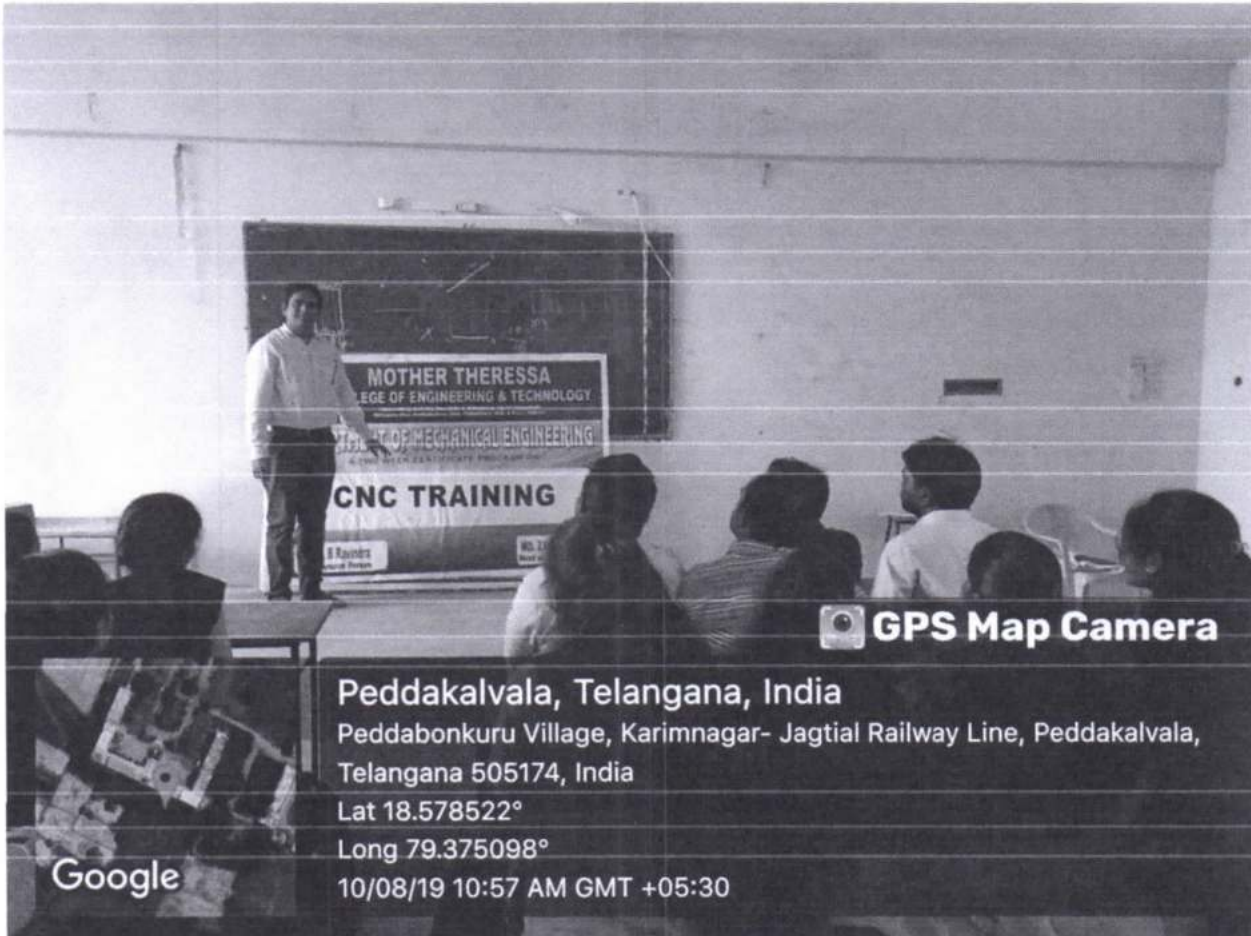


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Peddakalvala, Telangana, India

Peddabonkuru Village, Karimnagar- Jagtial Railway Line, Peddakalvala, Telangana 505174, India

Lat 18.578522°

Long 79.375098°

10/08/19 10:57 AM GMT +05:30

Google

Coordinator



HOD - ME

Head of the Department
Mechanical Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)

Y. Sreenivasulu Reddy
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Date: 10.08-2019

Name of the Program: "CNC TRAINING"

1. In machining of a workpiece, the material is removed by _____ []

- a) drilling action b) melting action
- c) shearing acting d) using brittleness of the material

2. The depth that the tool is plunged into the surface is called as _____ []

- a) feed b) depth of cut
- c) depth of tool d) working depth

3. Feed is measured in units of _____ []

- a) length/revolution b) degree/revolution
- c) length d) velocity

4. CNC machining centres do not include operations like _____ []

- a) milling b) boring
- c) welding d) tapping

5. In CNC systems multiple microprocessors and programmable logic controllers work ___ []

- a) in parallel b) in series
- c) one after the other d) for 80% of the total machining time

6. Which of the following is not the advantage of CNC machines? []

- a) Higher flexibility b) Improved quality
- c) Reduced scrap rate d) Improved strength of the components



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7. In how many ways CNC machine tool systems can be classified? []
- a) 2 b) 3
c) 4 d) 5
8. Point-to-point systems are used for _____ []
- a) reaming b) parting
c) grooving d) facing
9. In part programming, interpolation is used for obtaining _____ trajectory. []
- a) helicoidal b) pentagonal
c) triangular d) zig-zag
10. For CNC machining skilled part programmers are needed. []
- a) True b) False
- 11 Which machine tool reduces the number of set-ups in machining operation, time spent in setting machine tools and transportation between sections of machines? []
- a. Computer Numerical Control machine tool b. Direct Numerical Control machine tool
c. Adaptive Control Systems d. Machining centre
- 12 This set of Manufacturing Processes Multiple Choice Questions & Answers (MCQs) focuses on "CNC Machining". In machining of a work piece, the material is removed by _____ []
- a) drilling action b) melting action
c) shearing acting d) using brittleness of the material
- 13 The depth that the tool is plunged into the surface is called as _____ []
- a) feed b) depth of cut
c) depth of tool d) working depth
- 14 Feed is measured in units of _____ []
- a) length/revolution b) degree/revolution
c) length d) velocity
- 15 In CNC systems multiple microprocessors and programmable logic controllers work []
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Date: 10.08-2019

Name of the Programme: "CNC TRAINING"

Name — Boda Susya
ph.No — 17861A0303.

30/20



- In machining of a work piece, the material is removed by ____
a) drilling action
b) melting action
c) shearing acting
d) using brittleness of the material
- The depth that the tool is plunged into the surface is called as ____
a) feed
b) depth of cut
c) depth of tool
d) working depth
- Feed is measured in units of ____
a) length/revolution
b) degree/revolution
c) length
d) velocity
- CNC machining centres do not include operations like ____
a) milling
b) boring
c) welding
d) tapping
- In CNC systems multiple microprocessors and programmable logic controllers work ____
a) in parallel
b) in series
c) one after the other
d) for 80% of the total machining time
- Which of the following is not the advantage of CNC machines?
a) Higher flexibility
b) Improved quality
c) Reduced scrap rate
d) Improved strength of the components
- In how many ways CNC machine tool systems can be classified?
a) 2
b) 3
c) 4
d) 5

1c)

1b)

1a)

1a)

1a)

1d)

1b)



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8. Point-to-point systems are used for _____ [a]
- a) reaming
b) parting
c) grooving
d) facing
9. In part programming, interpolation is used for obtaining _____ trajectory. [a]
- a) helicoidal
b) pentagonal
c) triangular
d) zig-zag
10. For CNC machining skilled part programmers are needed. [b]
- a) True
b) False
11. Which machine tool reduces the number of set-ups in machining operation, time spent in setting machine tools and transportation between sections of machines? [d]
- a. Computer Numerical Control machine tool
b. Direct Numerical Control machine tool
c. Adaptive Control Systems
d. Machining centre
12. This set of Manufacturing Processes Multiple Choice Questions & Answers (MCQs) focuses on "CNC Machining". In machining of a work piece, the material is removed by _____ [c]
- a) drilling action
b) melting action
c) shearing acting
d) using brittleness of the material
13. The depth that the tool is plunged into the surface is called as _____ [b]
- a) feed
b) depth of cut
c) depth of tool
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14. Feed is measured in units of _____ [a]
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b) degree/revolution
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d) velocity
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Date: 10.08-2019

Name of the Programme: "CNC TRAINING"

Name — Susya Teja Reddy
pin no — 17861A0323

30/30

JK



- In machining of a workpiece, the material is removed by _____
a) drilling action
b) melting action
c) shearing action
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- The depth that the tool is plunged into the surface is called as _____
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b) 3
c) 4
d) 5

(c)

(b)

(a)

(a)

(a)

(d)

(b)



Y. Sreenivasulu Reddy

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b) pentagonal
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b) degree/revolution
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- a) in parallel
b) in series
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Date: 10.08-2019

Name of the Programme: "CNC TRAINING"

SNO	PIN NO	STUDENTS NAME	MARKS
1	17861A0301	ADAPA RAHUL	28
2	17861A0302	ADEPU RAMESH	28
3	17861A0303	BODA SURYA	30
4	17861A0304	VUTKOORI MANIDEEP	30
5	17861A0305	BOORLA RAJA SHEKAR	30
6	17861A0306	GUNTA ARUN	28
7	17861A0307	BODDELA SAICHARAN	28
8	17861A0308	KACHU RAKESH	28
9	17861A0309	KALATHIL DHEERAJ	30
10	17861A0310	KODAM SRIKANTH	30
11	17861A0311	KONKATI PRAFUL	30
12	17861A0312	LAKKA GANESH REDDY	28
13	17861A0313	MOHAMMAD SAFIUDDIN	28
14	17861A0314	MOHAMMAD ZUBAIR	28
15	17861A0315	GUNDETI SAI DEEP	30
16	17861A0316	MUNISETTI NIKHIL KUMAR	30
17	17861A0317	NALLA PRAVEEN	30
18	17861A0318	NALLA VISHNU VARDHAN REDDY	28
19	17861A0319	VASAM SAMPATH KUMAR	28
20	17861A0320	VELICHALA PRAVEEN	28
21	17861A0321	POTHULA CHARAN	30
22	17861A0322	SHAIK AMEERUDDIN	30
23	17861A0323	SURA TEJA REDDY	30
24	17861A0324	SYDULA NAVEEN	28
25	17861A0325	TEEGALA JAISRIRAM	28
26	17861A0326	VUTKOORI MANIDEEP	28
27	17861A0327	THORRIKONDA AJAY KUMAR	30
28	17861A0328	VEMURLA ANIL KUMAR	30



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29	17861A0329	VODNALA SURESH	30
30	18865A0301	ADAPA RAHUL	28
31	18865A0302	ADEPU RAMESH	28
32	18865A0303	ASHADAPU RAVI VARMA	28
33	18865A0304	BANDA ARAVIND	30
34	18865A0305	BODDELA SAICHARAN	30
35	18865A0306	CHANDRAGIRI SANNIHITH	30
36	18865A0307	CHINTAMALLA NAVEEN	28
37	18865A0308	DABBETI RAVI TEJA	28
38	18865A0309	DEVASANI YASHWANTH	28
39	18865A0310	DUGYALA RAJU	30
40	18865A0311	GOLLAPALLI RAMESH	30
41	18865A0312	GUDEPU RAJU	30
42	18865A0313	GUNTI PAVAN	28
43	18865A0314	KALAVENA DILEEP	28
44	18865A0315	KANKUTLA SOUNDHARYA	28
45	18865A0316	KARAM UMA	30
46	18865A0317	KOTA RAVITEJA	30
47	18865A0318	MADAMSHETTI THARUN	30
48	18865A0319	MARRI ADITYA	28
49	18865A0320	MASADI SAI VARAPRASAD	28
50	18865A0321	MD ABDUL HADI KHAN	28
51	18865A0322	MERUGU THIRUPATHI	30
52	18865A0323	MUKKERA MANIKANTA	30
53	18865A0324	MUTYALA SAGAR	30
54	18865A0325	NITESH KUMAR YADAV	28
55	18865A0326	PERKA RAKESH	28
56	18865A0327	PESARI THARUN	28
57	18865A0328	RAILLA ANIL	30
58	18865A0329	RAMPRASAD NANNA	30
59	18865A0330	RANGU ROHITH	30
60	18865A0331	SIDDA HARISH	28
61	18865A0332	SYED MUDAKKIR HUSSAIN	28
62	18865A0333	THOTA KARTHIK	28
63	18865A0334	URUGONDA SRIKANTH	30
64	16861A0301	ANUMULA SRI RAM	30
65	16861A0302	BOPPA RANJITH	28
66	16861A0304	BUGGA SATHISH	28
67	16861A0308	GUNJI SRIKANTH	30



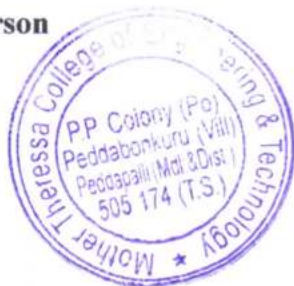

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68	16861A0310	KOTA SRISHAILASWAMY	30
69	16861A0311	KOTHA KONDA VINAY KUMAR	30
70	16861A0312	MACHA AMARNATH	28
71	16861A0315	PAIDI NARESH	28
72	16861A0316	PAMUKUNTLA SRIDHAR	28
73	16861A0317	PODISHETTY AKHIL	30
74	16861A0320	THATIPELLI NAVEEN KUMAR	30
75	16861A0322	THODU RAJA HRUSHIKESH	30
76	16861A0323	THORRIKONDA RAVIKUMAR	28
77	16861A0325	MATTI KIRAN KUMAR	28
78	17865A0301	ADIGOPPULA SRICHARAN	28
79	17865A0304	BAIRAM ANIL	30
80	17865A0305	BANDARI SAI KIRAN	30
81	17865A0306	BOGAM UPENDRA KUMAR	30
82	17865A0307	BOODIDHA SAGAR	28
83	17865A0309	CHEEKATI SHRAVAN KUMAR	28
84	17865A0310	DANDAVENI SANJAY	28
85	17865A0313	GOTTE SUNDER RAJU	30
86	17865A0316	KANDI SAI CHARAN	30
87	17865A0318	KONDAPAKA SRIKANTH	30
88	17865A0322	MADDURI MANOHAR	28
89	17865A0323	MADUPU SATHISH	28
90	17865A0325	MOHAMMAD THOUSIF NAWAZ	28
91	17865A0326	MOHD AZHAR PASHA	30
92	17865A0327	MUDAM AJAY	30
93	17865A0329	PARUPALLI RAVITEJA	30
94	17865A0330	POGULA MAHENDAR	28
95	17865A0331	PULI HARINATH REDDY	28
96	17865A0332	SUNKARI SHARATH KUMAR	28
97	17865A0333	THAKUR RAHUL SINGH	28
98	17865A0334	THANDRA RAHUL	30



Dr. D Sammaiah

Resource Person



Y. ceena /
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HOD - ME

Head of the Department
Mechanical Engineering
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Estd : 1999

JNTUH College Code : 86



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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +919849472523, +91 9542709545, +91 9989959556.

Ref: MTCET/CC/EEE-01/2019

Date: 20.08.2019

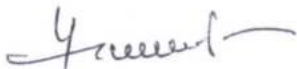
CIRCULAR








All III/IV EEE Students are here by informed that Department of Electrical and Electronics Engineering is conducting a Two Weeks Certificate Program on “ Arduino Coding Using Tinker Card“ DR.K.NATARAJAN, Associate Professor, TCEK, PEDDPALLY is the Resource Person. The program will be held from 26.08.2019 to 31.08.2019. All the interested students are instructed to register their names in the Department office on or before 24.08.2019. All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Seminar Hall. 2rd floor.

Timings: 9:30AM to 5:30 PM


Circulated to : All HoD's


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EEE	MECH	ECE	CSE	MIN	MBA	S & H
						

Copy to: Notice Board




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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +919849472523, +91 9542709545, +91 9989959556.

Date: 20.08.2019

Week / Day – Wise Schedule

Name of the Programme: “ARDUINO CODING USING TINKER CARD “

SNO	DAY	DATE	TOPICS COVERED
1	Monday	26-08-2019	About arduino uno
2	Tuesday	27-08-2019	About autodesk tinkercad circuit
3	Wednesday	28-08-2019	Analog and digital signals
4	Thursday	29-08-2019	Led blink
5	Friday	30-08-2019	Traffic signal
6	Saturday	31-08-2019	Use physical hardware

(DR. K. NATARAJAN)

Resource Person

HOD – EEE

Head of the Department
Electrical & Electronics Engineering
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College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



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Date: 20-08-2019

REGISTRATION FORM
A TWO WEEK CERTIFICATE PROGRAM
ON
ARDUINO CODING USING TINKER CAD
24.08.2019 TO 31.08.2019

Name: _____
 Designation: _____
 Department: _____
 Working Organization: _____
 Address for correspondence: _____
 Pin: _____
 Phone No: _____

Registration Fee Details:
 Amount: _____ INR
 Date: _____ Signature: _____

SPONSORSHIP CERTIFICATE
 I, Mr./Ms. _____ of _____ an employee of our Organization and in behalf of _____ sponsored in A Two Week Certificate Program in Arduino coding. Chief officer and

Chief Patron:
 Mr. A. Krishna (Secretary)

Patron:
 Mr. A. Narayana Kumar (Chairman)
 Mrs. A. Narayana

Chairman:
 Mr. Dr. T. Srinivas, Principal

Co-ordinator:
 Mr. K. Subramanian (HOD-EEE)

Co-Coordinator:
 CH. SANKAR Red. Prof. EEE

Advisory Committee:
 Mrs. M. SIVALAKSHMI Asst. Prof. EEE

Organizing Committee:
 Mr. K. Narayana Asst. Prof. EEE
 Mrs. S. RAJITHA Asst. Prof. EEE
 Mr. V. Suresh Asst. Prof. EEE
 Mr. M. Sankar Asst. Prof. EEE

A TWO WEEK CERTIFICATE PROGRAM
ON
ARDUINO CODING USING TINKER CAD
dates: 24.08.2019 TO 31.08.2019
 Department of EEE



Estd. 1999
 Organized by:
 Department of EEE,
 T. Sree
 Sankar Red. - J
 Mother Theresa College of Engg & Tech
 Approved by AICTE, New Delhi, and
 Affiliated to JNTU, Hyderabad.
 PEDDAPALLI, DIST. PEDDAPALLI
 TS-505174

About the College:
 Mother Theresa College of Engineering & Technology (MTEC) was established in the year 1999. It has a well-planned campus with greenery and air-conditioned. It is located at Peddabonkuru of Peddapalli district (Telangana). MTEC has emerged as a premier institute in the field of Technological Education, one of the most well-organized institutions in Telangana (Approved).

Academically: With facilities, well equipped lecture halls, library, networking computer lab, seminar hall, mechanical, Science hall, laboratories and spacious play ground, indoor and outdoor sports facilities, computer-aided classrooms, facilities, air-conditioned and campus in the campus, offer an ideal environment for growth of a professional career. MTEC has proved to be a leading center in the line of engineering, the place where many careers of success begin.

About the Department:
 The Department of EEE was established in 2001 with an intake of 60 and subsequently increased to 120. The Department offers a Two week program in ELECTRONIC POWER SYSTEM with an intake of 12. The Department has experienced, qualified and committed faculty. Right from its inception it is continuously striving to impart quality education and computer aided learning system for students worldwide.

Program Contents:
 Descriptive program on Arduino coding using Tinker cad

- About arduino kit
- About arduino software and circuit
- Analog and digital systems
- Use of IDE
- Upload code
- Use physical hardware
- High level

Resource Person:
 DR. K. NATARAJAN, ASSOC. PROF
 TCEK, PEDDAPALLI

Student Co-ordinators:

- Pavithra Anjum
- T. Sankar
- P. Praveena
- S. Lakshmi
- A. Ramya
- G. Sushitha

Eligibility:
 Students who are pursuing B.TECH/UG/PG are eligible for attending the workshop.

Registration:
 Each Participant shall pay the following amount to the organization fee.

Fee Details: Rs. 100/-

The amount is to be paid to Student Cell name as "MOTHER THERESA COLLEGE OF ENGINEERING & TECHNOLOGY, PEDDAPALLI, DIST. PEDDAPALLI, TS-505174".

Boarding & Lodging:
 Accommodation will provide for respective participants (Condition apply)

IMPORTANT DATES
 Last Date of Registration: 24th AUG 2019
 (Till 10 AM)
 Program dates: 24.08.2019 TO 31.08.2019

ADDRESS FOR CORRESPONDENCE:
 Mr. K. SANKAR (HOD-EEE)
 Asst. Professor, DEPT. OF EEE
 C-46, 401, 402
 MTEC, PEDDAPALLI, TS-505174



Y. Sreekanth
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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 31.08.2019

PROGRAM REPORT

Name of the Program: "Two Week Certificate Program on "Arduino Coding Using Tinker Cad"

Date / Duration: **26-08-2019** to **31-08-2019** (36 Hours)

Resource Person: DR.K.NATARAJAN P.H.D, Associate Professor, TCEK, PEDDAPALLY.

Name of Coordinator : Mr. K.SADANANDAM, Associate Professor, MTCET, Peddapally.

Number of Participants: 78

Program Objectives : The objectives of this program are

- To develop first-generation
- To train instructors in ARDUINO CODING USING TINKER CAD program

Topics Covered : The following topics were discussed in this certificate program

- Introduction to arduino
- LED blink

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge and information on arduino coding using tinker cad




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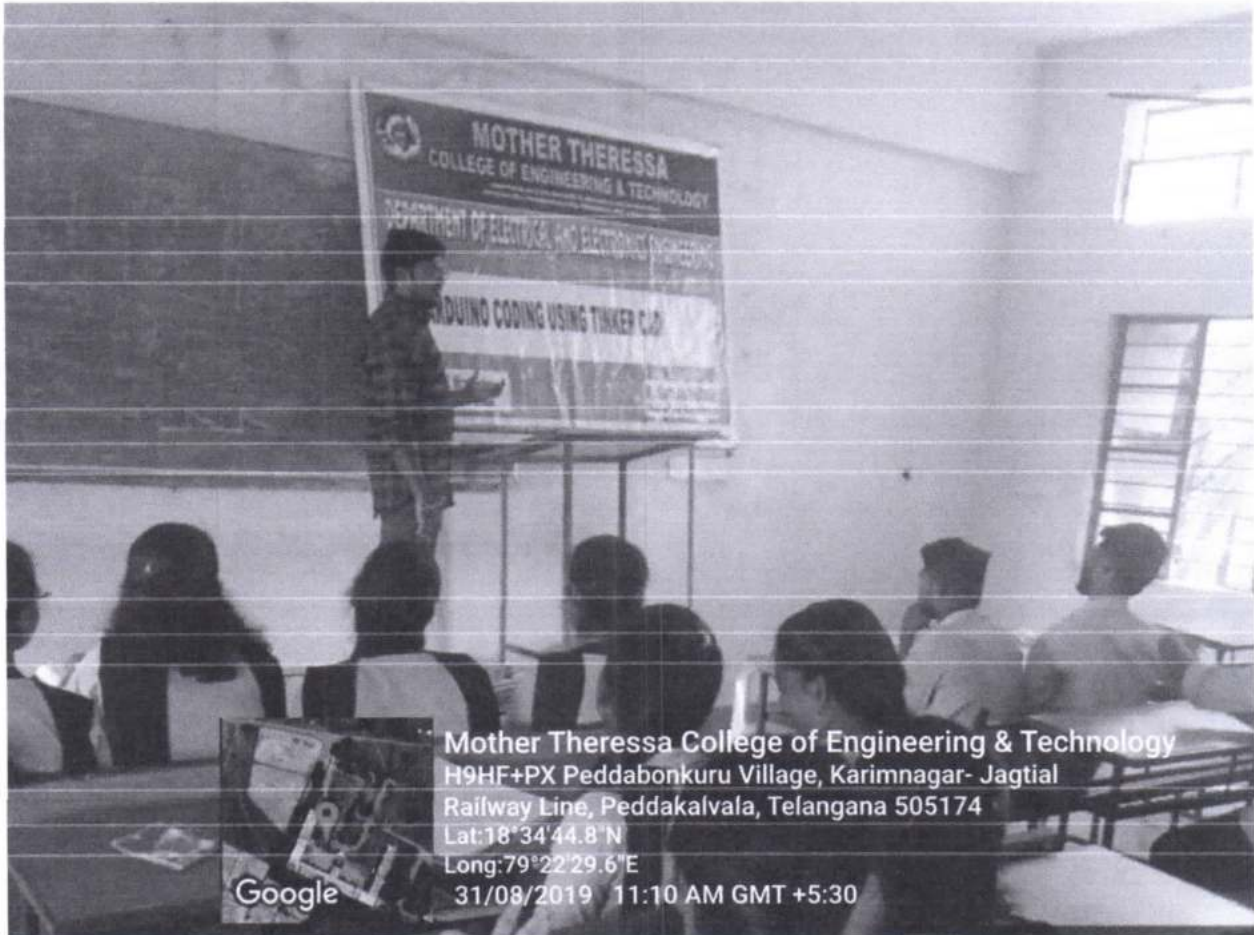


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Mother Theresa College of Engineering & Technology

H9HF+PX Peddabonkuru Village, Karimnagar- Jagtial

Railway Line, Peddakalvala, Telangana 505174

Lat:18°34'44.8"N

Long:79°22'29.6"E

31/08/2019 11:10 AM GMT +5:30

Google

Coordinator



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HOD - EEE

Head of the Department
Electrical & Electronics Engineering
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Date: 31.08.2019

Name of the Programme: "Arduino Coding Using Tinker Cad"

1. What does Arduino programming language primarily use for comments? []
a. // Single-line comments b. /* Multiline comments */
c. # Hash comments d. -- Double-dash comments
2. In Arduino programming, which function is executed first when the program starts? []
a. setup() b. loop() c. main() d. start()
3. Which statement is used to declare a variable in Arduino? []
a. var b. variable c. declare d. int
4. How do you write the value 5 to a variable named "myValue" in Arduino? []
a. myValue = 5; b. set myValue = 5; c. assign 5 to myValue; d. int myValue = 5;
5. What function is used to read the state of a digital input pin in Arduino? []
a. readPin() b. digitalRead() c. inputState() d. getPinState()
6. Which Arduino function is used to output a digital signal to a pin? []
a. digitalWrite() b. outputPin() c. setDigital() d. sendSignal()
7. How do you make an LED connected to pin 13 blink with a delay of 500 milliseconds in Arduino? []
a. blink(13, 500); b. delay(500);
c. digitalWrite(13, HIGH); delay(500); digitalWrite(13, LOW); d. setBlink(13, 500);
8. Which statement is used to create a constant in Arduino? []
a. constant b. const c. define d. final



G. Veerendran

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9. What is the purpose of the map() function in Arduino?

- a. Creating arrays
- b. Scaling one range of values to another
- c. Calculating mathematical constants
- d. Defining pin mappings

10. Which Arduino function is used to read an analog sensor value? []

- a. analogSensorRead()
- b. readAnalog()
- c. analogRead()
- d. sensorValue()

11. How do you write a "for" loop that repeats 10 times in Arduino? []

- a. for (int i = 0; i < 10; i++)
- b. loop 10 times { }
- c. repeat(10) { }
- d. while (i < 10) { i++ }

12. Which statement is used to print data to the serial monitor in Arduino? []

- a. print()
- b. display()
- c. write()
- d. Serial.print()

13. How do you define a function named "myFunction" in Arduino? []

- a. define myFunction() { }
- b. function myFunction() { }
- c. void myFunction() { }
- d. myFunction() { }

14. What does the "analogWrite()" function do in Arduino? []

- a. Reads an analog sensor
- b. Writes a digital signal
- c. Outputs a PWM signal
- d. Writes to the EEPROM

15. What does the "millis()" function in Arduino return? []

- a. The current time in seconds
- b. The time since the program started in milliseconds
- c. The time since the last reset in microseconds
- d. The time elapsed during a delay in milliseconds



G. V. S. S. S.
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Date: 31.08.2019

Name of the Programme: "Arduino Coding Using Tinker Cad"

Name — pandi Ajay
pin - NO — 16861A0530

20/30



1. What does Arduino programming language primarily use for comments?
a. // Single-line comments b. /* Multiline comments */
c. # Hash comments d. -- Double-dash comments
| a |
2. In Arduino programming, which function is executed first when the program starts?
a. setup() b. loop() c. main() d. start()
| b |
3. Which statement is used to declare a variable in Arduino?
a. var b. variable c. declare d. int
| d |
4. How do you write the value 5 to a variable named "myValue" in Arduino?
a. myValue = 5; b. set myValue = 5; c. assign 5 to myValue; d. int myValue = 5;
| a |
5. What function is used to read the state of a digital input pin in Arduino?
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a. digitalWrite() b. outputPin() c. setDigital() d. sendSignal()
| a |
7. How do you make an LED connected to pin 13 blink with a delay of 500 milliseconds in Arduino?
a. blink(13, 500); b. delay(500);
c. digitalWrite(13, HIGH); delay(500); digitalWrite(13, LOW); d. setBlink(13, 500);
| c |
8. Which statement is used to create a constant in Arduino?
a. constant b. const c. define d. final
| b |
9. What is the purpose of the map() function in Arduino?
a. Creating arrays b. Scaling one range of values to another
c. Calculating mathematical constants d. Defining pin mappings
| b |



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10. Which Arduino function is used to read an analog sensor value?
a. analogSensorRead() b. readAnalog() c. analogRead() d. sensorValue() [c]
11. How do you write a "for" loop that repeats 10 times in Arduino?
a. for (int i = 0; i < 10; i++) b. loop 10 times { } c. repeat(10) { } d. while (i < 10) { i++ } [a]
12. Which statement is used to print data to the serial monitor in Arduino?
a. print() b. display() c. write() d. Serial.print() [d]
13. How do you define a function named "myFunction" in Arduino?
a. define myFunction() { } b. function myFunction() { } c. void myFunction() { } d. myFunction() { } [c]
14. What does the "analogWrite()" function do in Arduino?
a. Reads an analog sensor b. Writes a digital signal c. Outputs a PWM signal d. Writes to the EEPROM [c]
15. What does the "millis()" function in Arduino return?
a. The current time in seconds b. The time since the program started in milliseconds c. The time since the last reset in microseconds d. The time elapsed during a delay in milliseconds [b]



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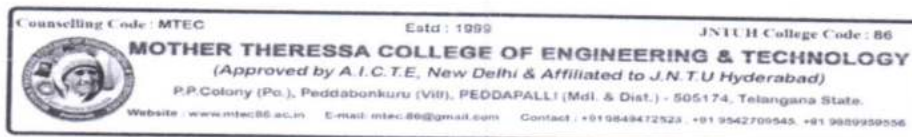
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Date: 31.08.2019

Name of the Programme: "Arduino Coding Using Tinker Cad"

Name — M. pavan
pin-no — 18861A0211



1. What does Arduino programming language primarily use for comments?
a. // Single-line comments b. /* Multiline comments */
c. # Hash comments d. -- Double-dash comments
2. In Arduino programming, which function is executed first when the program starts? [b]
a. setup() b. loop() c. main() d. start()
3. Which statement is used to declare a variable in Arduino? [d]
a. var b. variable c. declare d. int
4. How do you write the value 5 to a variable named "myValue" in Arduino? [a]
a. myValue = 5; b. set myValue = 5; c. assign 5 to myValue; d. int myValue = 5;
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a. readPin() b. digitalRead() c. inputState() d. getPinState()
6. Which Arduino function is used to output a digital signal to a pin? [a]
a. digitalWrite() b. outputPin() c. setDigital() d. sendSignal()
7. How do you make an LED connected to pin 13 blink with a delay of 500 milliseconds in Arduino? [c]
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20/30

10. Which Arduino function is used to read an analog sensor value?
a. analogSensorRead() b. readAnalog() c. analogRead() d. sensorValue() [✓]
11. How do you write a "for" loop that repeats 10 times in Arduino?
a. for (int i = 0; i < 10; i++) b. loop 10 times { } c. repeat(10) { } d. while (i < 10) { i++ } [✓]
12. Which statement is used to print data to the serial monitor in Arduino?
a. print() b. display() c. write() d. Serial.print() [✓]
13. How do you define a function named "myFunction" in Arduino?
a. define myFunction() { } b. function myFunction() { }
c. void myFunction() { } d. myFunction() { } [✓]
14. What does the "analogWrite()" function do in Arduino?
a. Reads an analog sensor b. Writes a digital signal
c. Outputs a PWM signal d. Writes to the EEPROM [✓]
15. What does the "millis()" function in Arduino return?
a. The current time in seconds b. The time since the program started in milliseconds
c. The time since the last reset in microseconds d. The time elapsed during a delay in milliseconds [✓]



4/11/20
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College of Engineering & Technology
PEDDAPALLI-505 174

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

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P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +919849472523 , +91 9542709545, +91 9989959556.

Date: 31.08.2019

Name of the Programme: "Arduino Coding Using Tinker Cad"

SNO	PIN NO	STUDENTS NAME	MARKS
1	17861A0201	AFREENSHA	30
2	17861A0202	ARELLI BHARGAV	30
3	17861A0203	BARIGELA PAVAN KUMAR	30
4	17861A0204	BODAKUNTLA PREM SUNDER	30
5	17861A0205	BURRA SAI KUMAR	30
6	17861A0206	CHILAGANI NAGESH	28
7	17861A0207	EDULAPURAM RAMYA	28
8	17861A0208	AMGOTHU SPANDANA	26
9	17861A0209	FARHEEN ANJUM	28
10	17861A0210	GURRALA SHANKAR	28
11	17861A0211	JOOLA SARASWATHI	30
12	17861A0212	MATHANGI CHAITHANYA	30
13	17861A0213	KATKURI RAJASHEKAR	30
14	17861A0214	MERAGUTHULA ANUSHA	30
15	17861A0215	KOTA SAINATH	30
16	17861A0216	MATHANGI CHAITHANYA	30
17	17861A0217	MERAGUTHULA ANUSHA	28
18	17861A0218	KATKURI RAJASHEKAR	28
19	17861A0219	KOTA SAINATH	26
20	17861A0220	PEDDAPALLI SANDEEP	28
21	17861A0221	PILLALAMARRI PRAVALIKA	28
22	17861A0222	PULLALA LAXMI PRASANNA	30



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23	17861A0223	RAPARTHI SNEHITHA	30
24	17861A0224	RAJAM AJAY	30
25	17861A0225	SINGARAPU LAVANYA	30
26	17861A0226	SOMOJU SHIREESHA	30
27	17861A0227	THADICHARLA YASHIKA	30
28	17861A0228	VALSA ANIL	28
29	17861A0229	VEMULA THIRUMALA	28
30	18865A0201	ADICHERLA ABHISHEK	26
31	18865A0202	ALAVENA VENKATESH	28
32	18865A0204	AMPATI UDAY SAI	28
33	18865A0205	APPASI PRASHANTHI	30
34	18865A0206	AVIDAPU LAXMI NARAYANA	30
35	18865A0207	AVULA RAMU	30
36	18865A0211	CHOPPADANDI PAVAN	30
37	18865A0212	DASARI SANDHYARANI	30
38	18865A0213	DUMPATI SRINIVAS	30
39	18865A0214	EARLA GOUTHAMI	28
40	18865A0215	EARLA RAJASHEKAR	28
41	18865A0216	GADAPURAM ROHITH	26
42	18865A0217	GANNAVARAM RAVI TEJA	28
43	18865A0219	GOPISHETTI SANDEEP	28
44	18865A0220	GURRAM SANDEEP	30
45	18865A0221	KALAVENA HARIKANTH	30
46	16861A0202	BOMMAGONI DIVYASRI	30
47	16861A0204	CHELUKALAPELLI SAHITHYA	30
48	16861A0205	CHIRLAVANCHA NAGARAJU	30
49	16861A0206	GADDALA PRANAYA	30
50	16861A0207	GADDAM SRINU	28
51	16861A0208	GARIGANTI SAI KUMAR	28
52	16861A0217	KONDAPARTHI PAVAN KUMAR	26
53	16861A0219	KOTTHA MANIKANTA	28



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54	16861A0220	MAHMMAD JAFAR	28
55	16861A0221	MUDAM PURUSHOTHAM	30
56	16861A0226	SOMARAPU VISHWA TEJA	30
57	17865A0201	AKULA RAMURTHI	30
58	17865A0203	ARSHIYA	30
59	17865A0205	AURAGONI SHRAVAN KUMAR	30
60	17865A0206	BOJJA MAHESH	30
61	17865A0207	BONTHALA RAMYAVENI	28
62	17865A0212	DUDA VAMSHIKRISHNA	28
63	17865A0217	GURRAM SHIRISHA	26
64	17865A0221	KANUKULA JAGADISH	28
65	17865A0223	KONDRA POCHAKKA	28
66	17865A0225	KOTA VIJAYBHARATH	30
67	17865A0227	MANTHENA PRANAHITHA	30
68	17865A0230	NADDUNURI SAICHAND	30
69	17865A0231	NEELI PRASANNA KUMAR	30
70	17865A0232	ODDEPALLY SHARATH CHANDRA	30
71	17865A0234	PAINDLA SRINATH	30
72	17865A0240	SANDA VAMSHI	28
73	17865A0243	GORUPATI SANDHYA	28
74	16865A0206	BANDI ANAND	26
75	16865A0222	GORLA HARISH	28
76	16865A0224	GUDEPU SATHISH	28
77	16865A0238	NAGUNURU SHIVASAI	30
78	16865A0240	NERUVATLA PRASHANTH	28



Dr. D Natrajan
Resource Person




HOD - EEE

Head of the Department
Electrical & Electronics Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI 505 174 (T.S.)


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Ref: MTCET/CC/CSE-01/2019

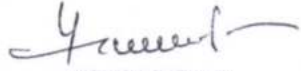
Date: 16.08.2019

CIRCULAR



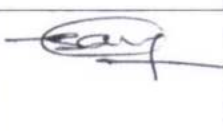
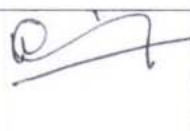
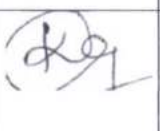

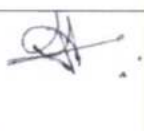
All III/IV CSE Students are here by informed that Department of Computer Science & Engineering is conducting a Two Weeks Certificate Program on “Statistics With R Programming“ Mr. G.CHANDRAMOULI, Associate Professor VGSE, KARIMNAGAR, is the Resource Person. The program will be held from 26.08.2019 to 31.08.2019. All the interested students are instructed to register their names in the Department office on or before 12.09.2019. All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Seminar Hall. 2rd floor.

Timings: 9:30AM to 5:30 PM


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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 15.08.2019

Week / Day – Wise Schedule

Name of the Programme: “Statistics With R Programming “

SNO	DAY	DATE	TOPICS COVERED
1	Thursday	26-08-2019	INTRODUCTION IN R
2	Friday	27-08-2019	DENSITY IN R
3	Saturday	28-08-2019	FUNCTIONS IN R
4	Sunday	29-08-2019	STANDARD DEVIATION AND RANGE IN R
5	Monday	30-08-2019	MOSAIC PLOT IN R
6	Tuesday	31-08-2019	SCATTERPLOT IN R

(Mr.G.CHANDRAMOULI)

Resource Person

HOD – CSE

Head of the Department
Computer Science and Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



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Website : www.mtc86.ac.in E-mail: mtec.86@gmail.com Contact: +91 9849472523, +91 9542709545, +91 9989959556.

Date: 15.08.2019

REGISTRATION FORM
TWO WEEK CERTIFICATE
PROGRAM
ON
STATISTICS WITH R
26.08.2019 TO 31.08.2019

Name: _____
 Designation: _____
 Department: _____
 Working Organization: _____
 Address for correspondence: _____
 E-mail ID: _____
 Phone No: _____

Registration Fee Details:
 Amount: _____
 CD No: _____
 Date: _____
 Signature: _____

SPONSORSHIP CERTIFICATE
 I, Mr. M. D. _____
 an employee of our Organization and in conformity
 sponsored to A Two Week Certificate Program on
 Statistics with R.

Date Stamp: _____
 Signature of Authority: _____

Chief Patron:
 Mr. A. Krishna (Secretary)

Patrons:
 Mr. A. Navaneethan (Chairman)
 Mrs. A. Navatha

Chairman:
 Mr. Dr. T. Srinivas, Principal

Convener:
 Mr. K. Srinivas, Asst. Prof.CSE

Co-Convener:
 Mr. G. Sandeep, Asst. Prof.CSE

Advisory Committee:
 Mr. A. Ramiah, Asst. Prof.CSE

Organizing Committee:
 Mr. K. Naresh, Admin. Officer
 Mr. BURELA SRENI AS Asst.prof.CSE
 Mrs. R. Padma, Asst. Prof.CSE
 Mr. CH. Vasanthi Raj, Asst. Prof.CSE
 Mrs. B. Madhulatha, Asst. Prof.CSE

A TWO WEEK CERTIFICATE
PROGRAM
ON
STATISTICS WITH R
DATES:
26.08.2019 TO 31.08.2019
 Department of CSE
 Year: _____



Estd: 1999
Organized by:
 Department of CSE,
 Year: _____
 Seminar Hall - 2
 Mother Theresa College of Engg & Tech
 (Approved by AICTE, New Delhi, and
 Affiliated to JNTU Hyderabad)
 PEDDABONKURU, DIST. PEDDAPALLI
 TS-505174

About the College:
 Mother Theresa College of Engineering & Technology (MTEC) was established in the year 1999. It has a well-planned campus with pollution free environment. It is located at Peddabonkuru of Peddapalli district (Telangana). MTEC has emerged as a premier institute in the field of Technological Education, one of the most well equipped institutions in Telangana (District).

Accommodation:
 Architecturally built buildings, well furnished lecture halls, library, workshop, computer lab, General faculty, conference hall, seminar hall, laboratories and spacious play ground, indoor and outdoor sports facilities, communication facilities, arranged boards and canteen in the campus, offer an ideal environment for pursuit of a professional career. MTEC has proved to be a turning point in the lives of many students, the place where many success stories begin.

About the Department:
 The Department of CSE was established in 2001 with an intake of 60 and subsequently increased to 120. The Department Offers M.Tech program in computer science and engineering, software engineering with an intake of 24 & 18. The department has experienced, qualified and committed faculty. Right from its inception it is continuously striving to impart quality education and competitive spirit among students for academic excellence.

Program Contents:
Descriptive Statistics Using statistics with R.

- Introduction to R,
- Descriptive in R
- Functions in R
- Transfer of data from excel range to R
- Arrays, plot in R
- scatterplot

****The main aim of the program is to learn to do the day-to-day assignments in the IT sector and implementing student's ideas to come up with their own applications.**

Resource Person:
 Mr. G.CHANDRAMOULI,
 CSE Department,
 VGSE, KARIMNAGAR

Student Co-ordinators:

- G ALEKYA
- O ROHITH
- M NAVYA SRI
- R ANJUM
- T ALEKYA
- G AJAY KUMAR

Eligibility:
 Students who are pursuing B.TECH in CSE are eligible for attending this workshop.

Registration:
 Each Participant will pay the following amount as the registration fee.
 Fee Student: Rs 100/-

The amount is to be paid by Demand Draft/ Cheque in favour of "The Principal, Mother Theresa College of Engineering & Technology, Dr. T.Srinivas".

***Boarding & Lodging:**
 Accommodation will provide for extensive participants. (Conditions apply)

IMPORTANT DATES
 Last Date of Registration: 24th AUG 2019 (TUE 10:00 AM)
 Program Date: 26.08.2019 TO 31.08.2019

ADDRESS FOR CORRESPONDANCE:
 SRIDHARAKONTRAM, Asst. Professor,
 Cell no: 701354050
 Mail id: sridharakontram@gmail.com



Y. Sreenivas
PRINCIPAL
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174.

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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 31.08.2019

PROGRAM REPORT

Name of the Program : “ Two Week Certificate Program on “Statistics with R Programming”

Date / Duration : 16.09.2019 to 28.09.2019 (36 Hours)

Resource Person : Mr. G.CHANDRAMPOULI, Associate Professor, VGSE,
KARIMNAGAR.

Name of Coordinator : Mr. K.SRIDHAR, Associate Professor, MTCET, Peddapally.

Number of Participants: 160

Program Objectives : The objectives of this program are

- To develop first-generation
- To train instructors in STATISTICS WITH R program

Topics Covered : The following topics were discussed in this certificate program

- Introduction, principles
- basic data types

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge and information on STATISTICS WITH R



Y. V. S. R. S. R.
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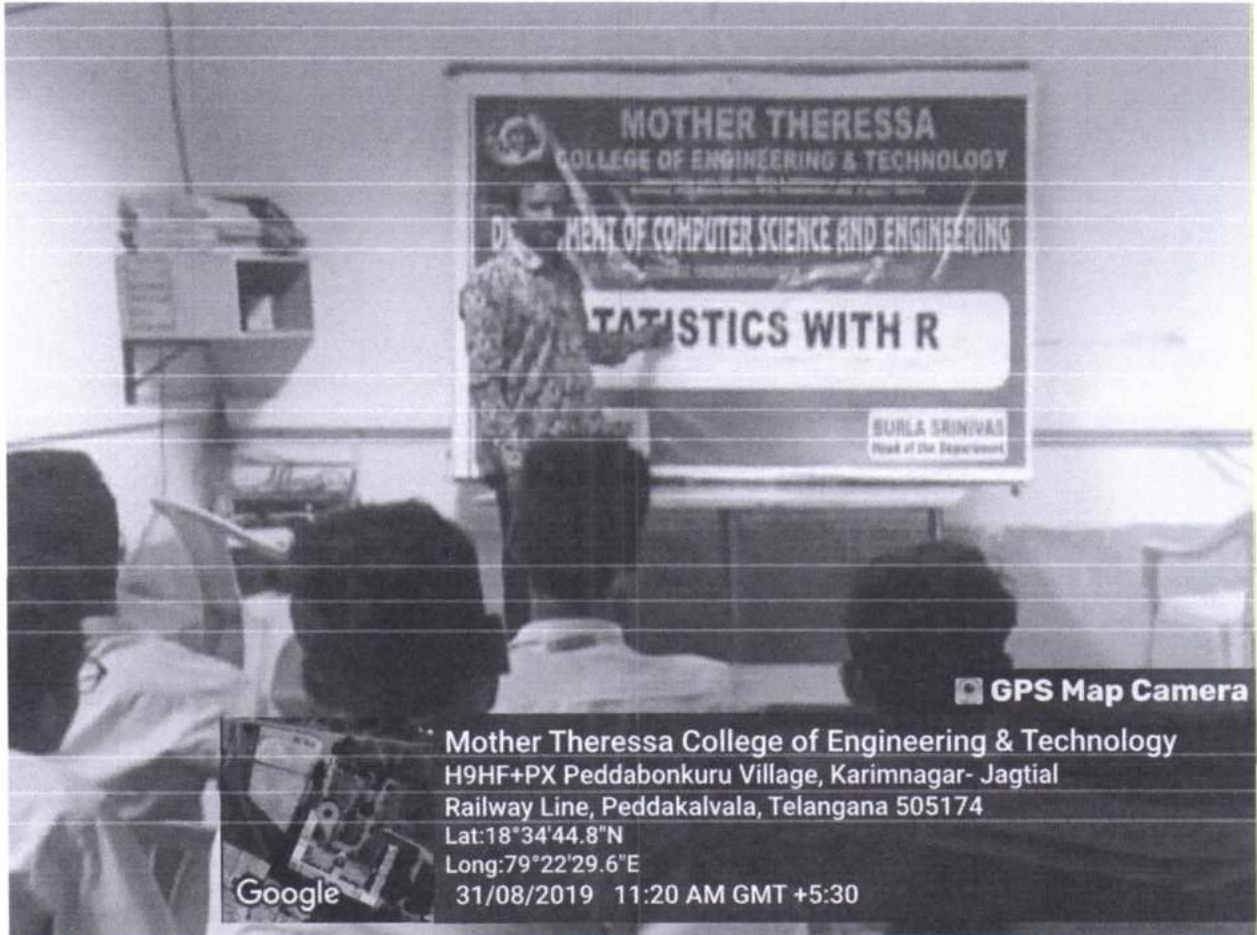


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GPS Map Camera

Mother Theresa College of Engineering & Technology

H9HF+PX Peddabonkuru Village, Karimnagar- Jagtial

Railway Line, Peddakalvala, Telangana 505174

Lat:18°34'44.8"N

Long:79°22'29.6"E

31/08/2019 11:20 AM GMT +5:30

Google

Coordinator



HOD - CSE

Head of the Department

Computer Science and Engineering

MOTHER THERESSA

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PEDDAPALLI-505 174 (T.S.)

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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

1. Which of the following functions in R can be used to read in data from a CSV file? []
a. read.csv() b. read.table() c. read.delim() d. All of the above
2. Which of the following functions in R can be used to create a boxplot? []
a. boxplot() b. hist() c. plot() d. lines()
3. Which of the following functions in R can be used to generate random numbers from a normal distribution? []
a. rnorm() b. runif() c. rpois() d. rbeta()
4. Which of the following is a valid way to read in a CSV file in R? []
a. read.csv("data.csv") b. read.table("data.csv")
c. read.excel("data.csv") d. load("data.csv")
5. What is the output of the following code in R? []
x <- c(1, 2, 3) y <- c(2, 4, 6) cor(x, y)
a. -1 b. 0 c. 1 d. 2
6. Which of the following is a valid variable name in R? []
a. 2var b. var2 c. var_2 d. var#2
7. Which of the following is the correct syntax for assigning a value to a variable in R? []
a. var = 10 b. 10 = var c. var == 10 d. var := 10
8. Which of the following functions in R can be used to create a histogram? []
a. scatterplot() b. boxplot() c. density() d. hist()
9. Which of the following functions in R can be used to generate a sequence of numbers? []
a. rep() b. seq() c. sort() d. length()
10. Which of the following functions in R can be used to generate a random sample from a vector? []
a. mean() b. median() c. var() d. sample()
11. Which of the following functions in R can be used to calculate the standard deviation of a vector of numbers? []
a. mean() b. median() c. var() d. sd()
12. Which of the following is a valid way to select the first row of a data frame named df in R? []
a. df[0,] b. df[1,] c. df[,1] d. df[,0]
13. Which of the following functions in R can be used to create a scatterplot matrix? []
a. plot() b. pairs() c. hist() d. boxplot()
14. Which of the following functions in R can be used to generate random numbers from a normal distribution? []
a. rnorm() b. runif() c. rpois() d. rbeta()
15. Which of the following functions in R can be used to calculate the correlation between two vectors? []
a. cor() b. cov() c. sd() d. var()



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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 31.08.2019

Name of the Programme: "Statistics With R Programming"

Name - Rajam Ajay pin No - 17861A0224

Handwritten initials

Counselling Code : MTEC Estd : 1999 JNTUH College Code : 86

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 Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

30/30

- Which of the following functions in R can be used to read in data from a CSV file? *a*
 - read.csv()
 - read.table()
 - read.delim()
 - All of the above
- Which of the following functions in R can be used to create a boxplot? *a*
 - boxplot()
 - hist()
 - plot()
 - lines()
- Which of the following functions in R can be used to generate random numbers from a normal distribution? *a*
 - rnorm()
 - runif()
 - rpois()
 - rbeta()
- Which of the following is a valid way to read in a CSV file in R? *a*
 - read.csv("data.csv")
 - read.table("data.csv")
 - read.excel("data.csv")
 - load("data.csv")
- What is the output of the following code in R? *c*

```
x <- c(1, 2, 3) y <- c(2, 4, 6) cor(x, y)
```

 - 1
 - 0
 - 1
 - 2
- Which of the following is a valid variable name in R? *b*
 - 2var
 - var2
 - var_2
 - var#2
- Which of the following is the correct syntax for assigning a value to a variable in R? *a*
 - var = 10
 - 10 = var
 - var == 10
 - var := 10
- Which of the following functions in R can be used to create a histogram? *d*
 - scatterplot()
 - boxplot()
 - density()
 - hist()
- Which of the following functions in R can be used to generate a sequence of numbers? *b*
 - rep()
 - seq()
 - sort()
 - length()
- Which of the following functions in R can be used to generate a random sample from a vector? *d*
 - mean()
 - median()
 - var()
 - sample()
- Which of the following functions in R can be used to calculate the standard deviation of a vector of numbers? *d*
 - mean()
 - median()
 - var()
 - sd()
- Which of the following is a valid way to select the first row of a data frame named df in R? *b*
 - df[0,]
 - df[1,]
 - df[,1]
 - df[,0]
- Which of the following functions in R can be used to create a scatterplot matrix? *b*
 - plot()
 - pairs()
 - hist()
 - boxplot()
- Which of the following functions in R can be used to generate random numbers from a normal distribution? *a*
 - rnorm()
 - runif()
 - rpois()
 - rbeta()
- Which of the following functions in R can be used to calculate the correlation between two vectors? *a*
 - cor()
 - cov()
 - sd()
 - var()



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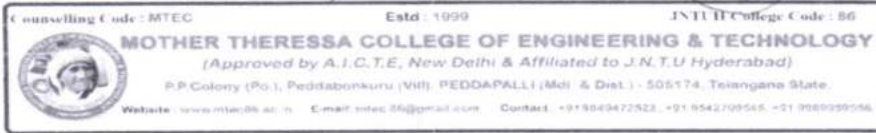
P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 31.08.2019

Name of the Programme: "Statistics With R Programming"

Name — Chintaka Sony, pin-no — 16861A0510



- Which of the following functions in R can be used to read in data from a CSV file?
 - a. read.csv() b. read.table() c. read.delim() d. All of the above
- Which of the following functions in R can be used to create a boxplot?
 - a. boxplot() b. hist() c. plot() d. lines()
- Which of the following functions in R can be used to generate random numbers from a normal distribution?
 - a. rnorm() b. runif() c. rpois() d. rbeta()
- Which of the following is a valid way to read in a CSV file in R?
 - a. read.csv("data.csv") b. read.table("data.csv")
 - c. read.excel("data.csv") d. load("data.csv")
- What is the output of the following code in R?


```
x <- c(1, 2, 3) y <- c(2, 4, 6) cor(x, y)
```

 - a. -1 b. 0 c. 1 d. 2
- Which of the following is a valid variable name in R?
 - a. 2var b. var2 c. var_2 d. var#2
- Which of the following is the correct syntax for assigning a value to a variable in R?
 - a. var = 10 b. 10 = var c. var == 10 d. var := 10
- Which of the following functions in R can be used to create a histogram?
 - a. scatterplot() b. boxplot() c. density() d. hist()
- Which of the following functions in R can be used to generate a sequence of numbers?
 - a. rep() b. seq() c. sort() d. length()
- Which of the following functions in R can be used to generate a random sample from a vector?
 - a. mean() b. median() c. var() d. sample()
- Which of the following functions in R can be used to calculate the standard deviation of a vector of numbers?
 - a. mean() b. median() c. var() d. sd()
- Which of the following is a valid way to select the first row of a data frame named df in R?
 - a. df[0,] b. df[1,] c. df[,1] d. df[,0]
- Which of the following functions in R can be used to create a scatterplot matrix?
 - a. plot() b. pairs() c. hist() d. boxplot()
- Which of the following functions in R can be used to generate random numbers from a normal distribution?
 - a. rnorm() b. runif() c. rpois() d. rbeta()
- Which of the following functions in R can be used to calculate the correlation between two vectors?
 - a. cor() b. cov() c. sd() d. var()



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Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 31.08.2019

Name of the Programme: "Statistics With R Programming "

SNO	PIN NO	STUDENT NAME	SIGNATURE
1	16861A0501	SEETHA NANDINI	30
2	16861A0502	ADEPU TEJASWINI	30
3	16861A0503	NUNE HARIKA	28
4	16861A0504	ARIGELA YAMINI	28
5	16861A0505	AKULA MOUNIKA	26
6	16861A0506	BOGGULA NIKHITHA	28
7	16861A0507	NAGARAPU MALLEESHWARI	28
8	16861A0508	BURRA KRANTHI KIRAN	26
9	16861A0509	REGULA SAMATHA	28
10	16861A0510	CHINTALA SONY	26
11	16861A0511	KALVALA SHYLAJA	28
12	16861A0512	DANDAVATHKAR PAVAN KALYAN	28
13	16861A0513	KASARLA RAGHU	28
14	16861A0514	EEDUNOORI NAVEENA	28
15	16861A0515	GADDAM JALAJA	30
16	16861A0516	SAIRI ANJALI	30
17	16861A0517	JAKKULA PAVITHRA	30
18	16861A0518	JAKKULA VYSHNAVI	30
19	16861A0519	KALAVENA AKHILA	30
20	16861A0520	KANUKUNTLA POOJA	28
21	16861A0521	KOTA SOUMYA	28
22	16861A0522	MANCHALA HARSHITHA	26
23	16861A0523	MUTHYALA SOWMYA	28



Y. V. S. S. S.
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24	16861A0524	YENAGANDULA MANASA	28
25	16861A0525	CHENNURI PRAVALIKA	26
26	16861A0526	MUKKERA HARIKA	28
27	16861A0527	MUKKERA SAIMAMATHA	26
28	16861A0528	MUTHYAM MANASA	28
29	16861A0529	NARA PRATHYUSHA	28
30	16861A0530	PANDI AJAY	28
31	16861A0531	BAKKATHATLA VINEELA	28
32	16861A0532	PENDRI AKHILREDDY	30
33	16861A0533	GANDRETI ARUNA	30
34	16861A0534	KOSARA AKHILA	30
35	16861A0535	RACHAKONDA RAKESH	30
36	16861A0536	BODDUPELLI SHARATH KUMAR	30
37	16861A0537	MALLORI SWATHI	28
38	16861A0538	TARANNUM FATHIMA	28
39	16861A0539	THALLA PRATHYUSHA	26
40	16861A0540	THANNEERU ROSHAN	28
41	16861A0541	GANDAM ALEKHYA	28
42	16861A0542	GUJJETI SAMATHA	26
43	16861A0543	VELDHANDI SAI CHANDRA	28
44	16861A0544	VELLA SONISREE	26
45	16861A0545	VEMULA KAVYA	28
46	17865A0504	BOMMAGANI ROHITH	28
47	17865A0505	CHINDEM RAKESH	28
48	17865A0506	GADASU SURYA BHAGVAN	28
49	17865A0508	GOTTIMUKKULA HARISH	30
50	17865A0510	GUNDETI NIKHIL	30
51	17865A0512	KALABOINA PRIYANKA	30
52	17865A0514	KANAVENA ANIL	30
53	17865A0516	KONDRA VINAY	30
54	17865A0519	MEESA ARAVIND	28




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55	17865A0522	MUMMADI NARESH	28
56	17865A0527	PEDDAPALLI SAIKRISHNA	26
57	17865A0528	POTHARAJULA VISHNUSAI	28
58	17865A0534	CHILUKA HARIHARAN	28
59	17865A0535	BINGI SURYAVAMSHI	26
60	15D21A05F9	SUDULA ROSHINI	28
61	14861A0517	DUBBASI SWETHA	26
62	17861A0501	ABBA SREEZA	28
63	17861A0503	AGGIMALLA SHARADHA	28
64	17861A0504	ARELLI LAXMI PRASANNA	28
65	17861A0505	BIMARI SAI NITISH	28
66	17861A0506	DINGARI KRISHNAMOHAN	30
67	17861A0507	DONDETI RAGINI	30
68	17861A0508	EERLA LAVANYA	30
69	17861A0510	ETIKALA RACHANA	30
70	17861A0512	GATLA ALEKHYA	30
71	17861A0515	KANUKUNTLA MEGHANA	28
72	17861A0519	MAHMAD TASLIM SULTHANA	28
73	17861A0520	MAMINDLA SWATHI	26
74	17861A0522	MERUGU NAVYA SRI	28
75	17861A0523	MOTHE NIHARIKA	28
76	17861A0525	ODELA ROHITH	26
77	17861A0530	RAAVI TEJA	28
78	17861A0531	RAMAGIRI VENKATESH	26
79	17861A0532	RENDLA ARCHANA	28
80	17861A0533	RENULA SRAVANI	28
81	17861A0535	RUHI ANJUM	28
82	17861A0536	SARASWATHI MANASWINI	28
83	17861A0537	THALLA ALEKHYA	30
84	17861A0539	THOTA PRAVALIKA	30
85	17861A0540	VEMULA SARITHA	30




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86	18865A0501	BAIRNENI SUSHMITHA	30
87	18865A0502	BEERUKA HEMASREE	30
88	18865A0504	CHAPPIDI SAI LAXMI	28
89	18865A0505	CHEGONDA HARIKA	28
90	18865A0506	JANGA RAHUL REDDY	26
91	18865A0511	NYATHARI ANUSHA	28
92	18865A0515	THOTA PRAVALIKA	28
93	16865A0515	AFROOZ HUSSAIN SHAKE	26
94	17865A0502	BANOVATH MALLESH NAYAK	28
95	17865A0507	GOLLAPELLI AJAY KUMAR	26
96	17865A0517	LADALLA VINITHA PRIYA DARSHINI	28
97	17865A0524	NAGULA SAISANKALP	28
98	17865A0529	PULLURI SHIVA KRISHNA	28
99	17865A0531	THATIPAMULA HARISH	28
100	18861A0501	AKUDARI PAVANKALYAN	30
101	18861A0502	ARUKONDA SHYLAJA	30
102	18861A0503	BOLLAM NAVYASRI	30
103	18861A0505	DADI MANJULA	30
104	18861A0506	DAGAMA SATISH	30
105	18861A0507	DASARI JAHNAVI	28
106	18861A0509	DURGAM SAI DEEPTHI	28
107	18861A0510	EERLA RAJAKUMARI	26
108	18861A0511	GADDAM DHARANI	28
109	18861A0513	GANDI RANADEEP GOUD	28
110	18861A0514	GANDLA SRUJANA	26
111	18861A0519	KANUKUTLA SRAVYA	28
112	18861A0521	KEESARI ANUSHA	26
113	18861A0522	KOMMU SWAPNA	28
114	18861A0523	KONDA MANISHA	28
115	18861A0524	KONDA SAI BINDU	28
116	18861A0525	LAVUDYA SONI	28




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117	18861A0528	MAVUNOORI MAHESH SAI	30
118	18861A0531	MERUGU AKHILA	30
119	18861A0533	MUBEENA FARHATH	30
120	18861A0534	MUKKERA SUDHA	30
121	18861A0535	MUTYALA GOUTHAMI	30
122	18861A0537	NARLA SAHITHI	28
123	18861A0538	PANTHAKANI MEGHAMALA	28
124	18861A0539	PITTALA LAXMI PRIYA	26
125	18861A0540	RAMTENKI RAJKUMAR	28
126	18861A0541	RATNA ANUSHA	28
127	18861A0543	REPALA SRUTHI	26
128	18861A0544	RUDRARAPU POOJA	28
129	18861A0545	SAIRI NIHARIKA	26
130	18861A0546	SAMALA NAGASRI	28
131	18861A0547	SAMUDRALA MOUNIKA	28
132	18861A0549	SANTHOSHAM SAI KEERTHANA	28
133	18861A0550	SRIMARTHI RACHANA	28
134	18861A0551	THANDRA MANASA	30
135	18861A0552	THUDUM NAVEEN	30
136	18861A0553	YELUVAKA RAMYA	30
137	19865A0501	AVULA AJAY KUMAR	30
138	19865A0502	BAIRI SURYA KIRAN	30
139	19865A0503	BONKURI RAVITHEJA	28
140	19865A0504	CHEEKATI PRIYANKA	28
141	19865A0505	DEETI SURYA TEJA	26
142	19865A0506	ERIKILLA VAMSHIKRISHNA	28
143	19865A0507	KANDHI MAHESH	28
144	19865A0508	KAVILA VENKATESH	26
145	19865A0509	KODURI ROHAN	28
146	19865A0510	OJJA SRIKANTH	26
147	19865A0511	PANDRALA AKHILA	28





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148	19865A0512	REDAPAKA RAMYAKRISHNA	28
149	19865A0513	VANKUDOTH GOVIND	28
150	17865A0409	PASEDLA RAVALI	28
151	17865A0412	SANTI MANIMEGHALA	30
152	17861A0401	AGNIMETLA SUSHMITHA	30
153	17861A0402	ARKUTI MAHESH	30
154	17861A0403	BADRI AKHILA	30
155	17861A0405	CHATLA SRAVANTHI	30
156	17861A0407	EEDA SAI RESHMA	28
157	17861A0408	ELLANDULA MANASA	28
158	17861A0409	KAMPELLI VAISHNAVI	26
159	17861A0410	KEERTHI JAGADESHWAR	28
160	17861A0411	KODAM ALEKYA	28



Mr. D Chandramouli

Resource Person



HOD - CSE

Head of the Department
Computer Science and Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)




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Counselling Code : MTEC	Estd : 1999	JNTUH College Code : 86
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P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State. Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.		

Ref: MTCET/CC/EEE-02/2020

Date: 06.01.2020

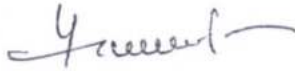
CIRCULAR



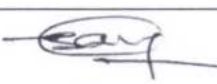
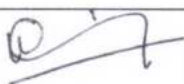
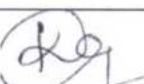


All III/IV EEE Students are here by informed that Department of ELECTRICAL ENGINEERING is conducting a Two Weeks Certificate Program on “Power System Operation And Control Using MATLAB“ DR.K.NATARAJAN, Associate Professor TCEK, PEDDAPALLY, is the Resource Person. The program will be held from 20.01.2020 to 25.01.2020. All the interested students are instructed to register their names in the Department office on or before 18.01.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Seminar Hall, 2nd floor.

Timings: 9:30AM to 5:30 PM

Circulated to: All HoD's


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EEE	MECH	ECE	CSE	MIN	MBA	S & H
						

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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 06.01.2020

Week / Day – Wise Schedule

Name of the Programme: “POWER SYSTEM OPERATION AND CONTROL USING MATLAB “

SNO	DAY	DATE	TOPICS COVERED
1	Monday	20-01-2020	ECONOMIC OPERATION OF POWER SYSTEM
2	Tuesday	21-01-2020	HYDRO THERMAL SCHEDULING
3	Wednesday	22-01-2020	SCHEDULING OPEARTION OF POWER SYSTEM
4	Thursday	23-01-2020	MODELING OF TURBINE AND GENERATOR
5	Friday	24-01-2020	LOAD FREQUENCY CONTROLLER
6	Saturday	25-01-2020	REACTIVE POWER CONTROL

(DR.K.NATARAJAN)

Resource Person

HOD – EEE

Head of the Department
Electrical & Electronics Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

**REGISTRATION FORM
A TWO WEEK CERTIFICATE
PROGRAM
ON
POWER SYSTEM OPERATION AND
CONTROL USING MATLAB**

20.01.2020 TO 26.01.2020

Name _____
Designation _____
Department _____
Working Organization _____
Address for correspondence _____
E-Mail ID _____
Phone No. _____
Registration Fee Details
Amount _____ DO No _____
Bank _____ Signature _____

SPONSORSHIP CERTIFICATE

Mr. Sd. Dr _____
As a representative of our Organization and to hereby
Sponsorship to a Two Week Certificate Program in
Power system operation and control using matlab

Head Stamp Signature of Authority _____

Chief Patron:
Mr. A. Krishna (Secretary)

Patron:
Ms. A. Narvesh Kumar-Chairman
Mrs. A. Naratha

Chairman:
Mr. Dr. Y. Srinivas, Principal

Convener:
Mr. K. Sadasubramanian (HOD-EEE)

Co-Convener:
DR. SANKPATH Assistant Prof. EEE

Advisory Committee:
Mrs. M. SUDALAKSHMI Asst. Prof. MTEC


Organizing Committee:

Mr. K. Narash	Admin. Officer
Mrs. K. RAJITHA	Asst. Prof. EEE
Mr. V. Narash	Asst. Prof. EEE
Mr. M. Sandeep	Asst. Prof. EEE

**A TWO WEEK CERTIFICATE
PROGRAM
ON
POWER SYSTEM OPERATION AND
CONTROL USING MATLAB**

DATES 20.01.2020 TO 26.01.2020

Department of EEE



Estd: 1999

Organized by:
Department of EEE
Viveka
Summer Head - 1
Mother Theresa College of Engg & Tech
(Approved by AICTE, New Delhi, and
Affiliated to JNTU, Hyderabad)
PEDDAPALLI, DIST. PEDDAPALLI
TS-505174

About the College

Mother Theresa College of Engineering & Technology (MTEC) was established in the year 1999. It has a well-planned campus with gardens. The environment is located in Peddabonkuru of Peddapalli district (Telangana). MTEC has emerged as a pioneer venture in the field of Technological Education, one of the most well-organized institutions in Telangana District.

Ample facilities include: well-furnished lecture halls, library, workshop, computer lab, seminar facility, conference hall, seminar hall, laboratories and spacious play ground, outdoor and indoor sports facilities, recreational-entertainment facilities, associated boards and centers in the campus offer an ideal environment for pursuit of a professional career. MTEC has grown to be a name-giver in the lives of many students, the place where many careers of success begin.

About the Department:

The Department of EEE was established in 2001 with an intake of 60 and subsequently increased to 120. The Department offers M.Tech program in computer science and engineering, software engineering with an intake of 24 & 18. The department has experienced, qualified and committed faculty. Right from its inception it is continuously striving to impart quality education and competitive spirit among students for academic excellence.

Program Contents:
Descriptive program on power system using matlab:

- Economic operation of power system
- Hydrothermal scheduling
- Modeling of turbine and generator
- Load frequency controller
- Economic power control
- Optimal power flow program
- Concept of AGC

****The main aim of the program is to impart the necessary development in the IT sector and engineering students' ability to come up with their own applications.**

Resource Person:
DR. K. NATARAJAN, ASSOC. PROF.
TCEK, PEDDAPALLI

Student Co-ordinators:

- Parulav Anjan
- P Sandeep
- P Pranavika
- S Lavanya
- A. Ramu
- G. Rishi

Eligibility:
Students who are pursuing B.TECH/M.TECH are eligible for attending the workshop.

Registration:
Each Participant shall pay the following amount as the registration fee

No. Student: _____ Fee: 100/-

The amount is to be paid by Demand Draft made in favour of "The Principal, Mother Theresa College of Engineering & Technology, Dr. Y. Srinivas".

***Boarding & Lodging:**
Arrangements will provide for respective participants. (Condition apply)

IMPORTANT DATES
Last Date of Registration, 16th OCT 2019
(Till 10:00 AM)
Program dates: 20.01.2020 TO 26.01.2020

ADDRESS FOR CORRESPONDANCE:
Mr. K. SADASUBRAMANIAM, HOD-EEE,
Asstt. Professor, DEPT. OF EEE,
Call no: 9849472523
Mail id: mtec86@gmail.com



Y. Srinivas
PRINCIPAL

**MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174.**

Counselling Code : MTEC

Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 25.01.2020

PROGRAM REPORT

Name of the Program : "Power System Operation And Control Using Matlab"

Date / Duration : 20.01.2020 to 25-01-2020 (36 Hours)

Resource Person : DR.K.NATARAJAN, Associate Professor, TRINITY, PEDDAPALLY.

Name of Coordinator : Mr. K.SADANANDAM, Associate Professor, MTCET, Peddapally.

Number of Participants: 58

Program Objectives : The objectives of this program are

- To develop first-generation
- To train instructors in MATLAB

Topics Covered : The following topics were discussed in this certificate program

- Introduction, principles
- Basic data types

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge and information on MATLAB



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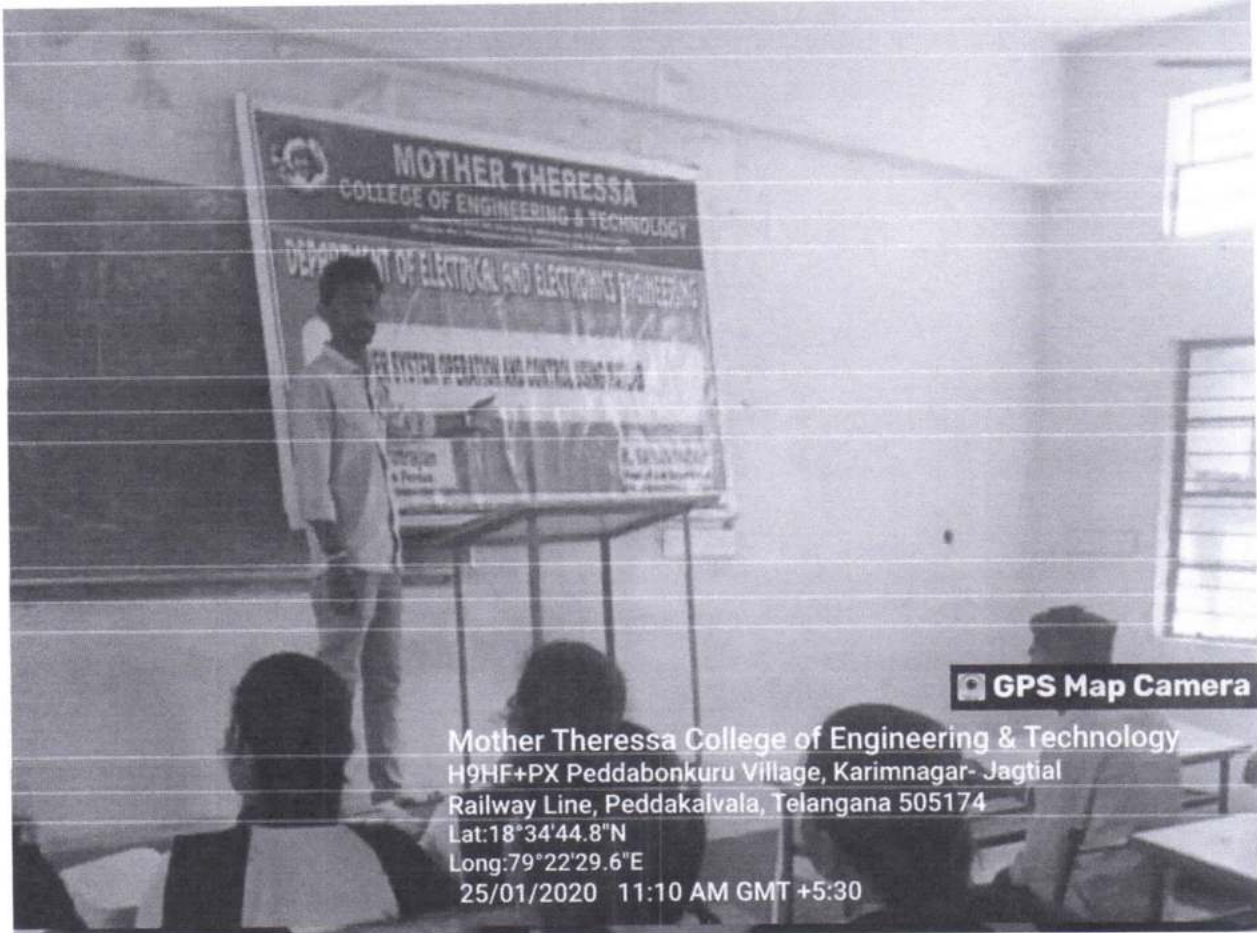


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Mother Theresa College of Engineering & Technology
H9HF+PX Peddabonkuru Village, Karimnagar- Jagtial
Railway Line, Peddakalvala, Telangana 505174
Lat:18°34'44.8"N
Long:79°22'29.6"E
25/01/2020 11:10 AM GMT +5:30

Coordinator

HOD - EEE

Head of the Department
Electrical & Electronics Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



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Estd : 1999

JNTUH College Code : 86



MOTHER THERESSA COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U Hyderabad)

P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

10. What is the primary function of Load Frequency Control (LFC) in power systems? []
A. Voltage regulation B. Frequency regulation C. Fault detection D. Economic dispatch
11. Which type of power system stability deals with small disturbances and rapid fluctuations? []
A. Transient stability B. Small-signal stability C. Steady-state stability D. Voltage stability
12. Which MATLAB command is commonly used for plotting power system waveforms? []
A. plot B. powerPlot C. waveform D. plotPowerSystem
13. What parameter does the Automatic Voltage Regulator (AVR) control in a generator? []
A. Active power B. Reactive power C. Voltage D. Frequency
14. Which MATLAB toolbox is often used for power system simulation and analysis? []
A. Signal Processing Toolbox B. Power Systems Toolbox
C. Control System Toolbox D. Communications Toolbox
15. What does SCADA stand for in the context of power system control? []
A. Supervisory Control and Data Acquisition B. System Control and Data Analysis
C. Security Control and Data Access D. Simulation Control and Data Aggregation



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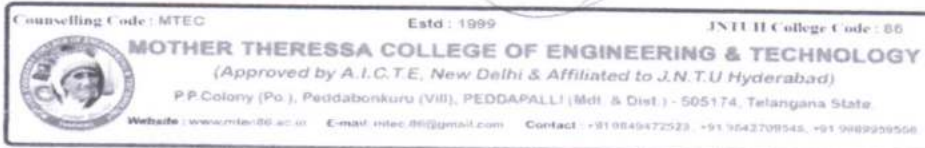
Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 25.01-2020

Name of the Programme: "Power System Operation And Control Using Mat lab"

Name — pandi AJay
pin-NU — 16861A0530

90/30 CK



1. What does AGC stand for in the context of power system operation?
A. Advanced Grid Control B. Automatic Generation Control
C. Adaptive Grid Configuration D. Automated Generator Coordination (b)
2. Which MATLAB command is commonly used for solving power flow problems in a power system?
A. solvePowerFlow B. runPowerFlow C. powerflowSolver D. pf (a)
3. What is the primary objective of Economic Dispatch in power systems?
A. Voltage regulation B. Minimizing generation costs C. Frequency control D. Fault detection (b)
4. Which MATLAB function is typically used for time-domain simulation of power systems?
A. simPowerSystem B. powerSystemSim C. ode45 D. runSimulation (c)
5. What control strategy is implemented to maintain the power system frequency at its nominal value?
A. Load shedding B. AGC C. Load forecasting D. Voltage regulation (c)
6. Which MATLAB tool is commonly used for power system stability analysis?
A. PowerSimTool B. Simulink C. StabilityTool D. PowerStabAnalyzer (c)
7. What is the main purpose of a governor in a power system?
A. Voltage control B. Frequency control C. Reactive power control D. Power factor correction (b)
8. What device is commonly used for reactive power compensation in a power system?
A. Circuit breaker B. Transformer C. Capacitor D. Generator (c)
9. Which MATLAB function is used for optimal power flow (OPF) studies?
A. runOPF B. opfSolver C. fmincon D. optimizePowerFlow (d)
10. What is the primary function of Load Frequency Control (LFC) in power systems?
A. Voltage regulation B. Frequency regulation C. Fault detection D. Economic dispatch (b)



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C. Control System Toolbox D. Communications Toolbox

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A. Supervisory Control and Data Acquisition B. System Control and Data Analysis

C. Security Control and Data Access D. Simulation Control and Data Aggregation



Y.veenaf

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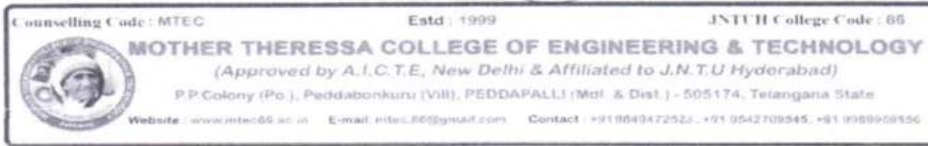
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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 25.01-2020

Name of the Programme: "Power System Operation And Control Using Mat lab"

Name — Chintala Sony
pin. no — 16861A0510 (20/30) OK



1. What does AGC stand for in the context of power system operation?
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C. Adaptive Grid Configuration D. Automated Generator Coordination [B]
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Y. Veenat
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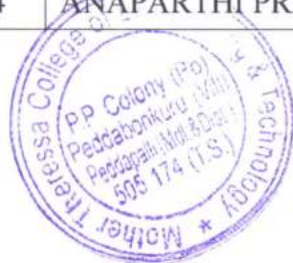
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Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.

Date: 25.01-2020

Name of the Programme:” Power System Operation And Control Using Mat lab”

SNO	PIN NO	STUDENTS NAME	MARKS
1	18861A0201	AKULA MEGHANA	28
2	18861A0202	ATTALA RAJU	28
3	18861A0203	BANDI YASHWANTH GOUD	30
4	18861A0204	DAGAM GANESH	28
5	18861A0205	JULAPELLI AKSHAYA	30
6	18861A0206	KAMPELLI AKANKSHA	30
7	18861A0207	KOMMU SHIVANAGULU	28
8	18861A0208	KOYADA RAMESH	30
9	18861A0209	KUMMARI DILEEP KUMAR	30
10	18861A0210	KURAKULA SANDHYA RANI	30
11	18861A0211	M PAVAN	30
12	18861A0212	MARAMULLA PRANEETH KUMAR	28
13	18861A0213	MEKALA PRANITHA	26
14	18861A0214	MOHAMMAD ARSHAD PASHA	26
15	18861A0215	NUSHRATH JAHAN	26
16	18861A0216	OLLALA SAI KUMAR	28
17	18861A0217	PAWAR SWATHI	28
18	18861A0218	POGULA LOKESH	30
19	18861A0219	TAGARAM SHRAVAN	28
20	19865A0201	ABDUL REENA	30
21	19865A0202	ADI GOPPULA SAI RAM	30
22	19865A0203	AITIPAMULA VINAY	28
23	19865A0204	ANAPARTHI PRABHU DEVA	30



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24	19865A0205	BEKKAM SANJEEV	30
25	19865A0206	BOORLA SHIVA KUMAR	30
26	19865A0207	CHEEPIRISETTI PRANEETH	30
27	19865A0208	CHILIVERI SAIRAM	28
28	19865A0209	CHINDAM SHIVAKUMAR	26
29	19865A0210	DASARI VAMSHI KRISHNA	26
30	19865A0211	ELKAPELLI ANIL KUMAR	26
31	19865A0212	GADAPA DEEKSHITH TEJA	28
32	19865A0213	GADIKOPPULA SINDHUPRIYA	28
33	19865A0214	GANDU RANI	30
34	19865A0215	GANNEVARAM NAVYA SRI	28
35	19865A0216	GOLIWADA NAVEETH	30
36	19865A0217	ILAVENI PAVAN	30
37	19865A0218	JAKKULA RAJESH	28
38	19865A0219	KANDI AKHIL	30
39	19865A0220	KASARLA KARUNAKAR	30
40	19865A0221	KOKKULA PRANAY KUMAR	30
41	19865A0222	KOLIPAKA VENKATESH	30
42	19865A0223	KONDAPARTHI SANDEEP	28
43	19865A0224	KOTHA SHIVAKUMAR	26
44	19865A0225	KOTTE VAMSHI KRISHNA	26
45	19865A0226	KUMMARI VENKAT RAJU	26
46	19865A0227	LYADALLA ANILKUMAR	30
47	19865A0228	MAMIDALA CHIRANJEEVI	30
48	19865A0229	MANTHANI ANIL	30
49	19865A0230	RACHAMALLA SUDHAKAR	30
50	19865A0231	RAJA RAVI CHANDRA GUVVA	28
51	19865A0232	RATHOD DINESH	26
52	19865A0233	REKUNTLA RAVI TEJA	26
53	19865A0234	RENDLA SRIKANTH	26
54	19865A0235	SHAIK FEROZ	30



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55	19865A0236	SODARI RAJENDER	30
56	19865A0237	THADICHETTI MEGHANA	28
57	19865A0238	VILASAGARAM SPOORTHI	28
58	16861A0214	KASHETTI SRINATH	30

CK

Dr. Natrajan

Resource Person

[Handwritten Signature]

HOD – EEE

Head of the Department
 Electrical & Electronics Engineering
 MOTHER THERESSA
 College of Engineering & Technology
 PEDDAPALLI-505 174 (T.S.)



[Handwritten Signature]

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Ref: MTCET/CC/CSE-02/2020

Date: 06.01.2020

CIRCULAR

All II/ III/IV CSE/ECE/EEE/MECH Students are here by informed that Department of Computer Science & Engineering is conducting a Two Weeks Certificate Program on “ Fundamentals Of Java Programming “ Mr. P.KISHORE, Associate Professor, SCITS, KARIMNAGAR, is the Resource Person. The program will be held from 20.01.2020 to 25.01.2020. All the interested students are instructed to register their names in the Department office on or before 18.01.2020. All the registered students must attend the certificate program without fail on the above mentioned dates.

Venue: Seminar Hall. 2nd floor.

Timings: 9:30AM to 5:30 PM

Y. Vennela
PRINCIPAL
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 College of Engineering & Technology
 PEDDAPALLI-505 174.

Circulated to: All HoD's

EEE	MECH	ECE	CSE	MIN	MBA	S & H
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Copy to: Notice Board



Y. Vennela
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Counselling Code : MTEC	Estd : 1999	JNTUH College Code : 86
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	P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.	
Website : www.mtec86.ac.in E-mail: mtec.86@gmail.com Contact : +91 9849472523, +91 9542709545, +91 9989959556.		

Date: 06.01.2020

Week / Day – Wise Schedule

Name of the Programme: “Fundamentals Of Java Programming“

SNO	DAY	DATE	TOPICS COVERED
1	Monday	20-01-2020	Java data types, variables and operators
2	Tuesday	21-01-2020	Control statements and methods
3	Wednesday	22-01-2020	Java arrays
4	Thursday	23-01-2020	Java classes and objects
5	Friday	24-01-2020	Java constructors, Exception handling
6	Saturday	25-01-2020	Java interfaces and abstract classes, Java applets



(Mr. P.KISHOR)

Resource Person



HOD – CSE

Head of the Department
Computer Science and Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



Yes we can do it

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Date: 06.01.2020

REGISTRATION FORM
A TWO WEEK CERTIFICATE PROGRAM
ON
FUNDAMENTALS OF JAVA PROGRAMMING
20.01.2020 TO 25.01.2020

Name: _____
Designation: _____
Department: _____
Working Organization: _____
Address for correspondence: _____
Mail ID: _____
Phone No: _____

Registration Fee Details:
Amount: _____
Date: _____
Signature: _____

SPONSORSHIP CERTIFICATE
No. M.T.C. _____
I, _____, _____
an employee of the Organization and in hereby
Sponsored to A Two Week Certificate Program on
Fundamentals of Java Programming

Head Stamp _____ Signature of Authority: _____

Chief Patron:
Mr. A. Krishna (Secretary)

Patrons:
Mr. A. Narayan Kumar (Chairman)
Mrs. A. Navatha

Chairman:
Mr. Dr. T. Sariniva, Principal

Convener:
Mr. R. Srinivas (HOD-CSE)

Co-Convener:
Mrs. P. Kanaka Asst. Prof.

Advisory Committee:
Mr. R. Prasad Asst. Prof.

Organizing Committee:

Mr. K. Naroth	Admin. Officer
Mr. A. Ramani	Asst. Prof. CSE
Mr. CH. Vamsi Raj	Asst. Prof. CSE
Mrs. K. Savitri	Asst. Prof. CSE
Mr. K. Praveen	Asst. Prof. MECH

A TWO WEEK CERTIFICATE PROGRAM
ON
FUNDAMENTALS OF JAVA PROGRAMMING
DATE: 20.01.2020 TO 25.01.2020
Department of CSE



Estd: 1999
Organized by:
Department of CSE,
Venue:
Seminar Hall - 1
Mother Theresa College of Engg. & Tech.
(Approved by AICTE, New Delhi, and
Affiliated to JNTU, Hyderabad),
PEDDABONKUR, DIST - PEDDAPALLI
TS-505174

About the College:
Mother Theresa College of Engineering & Technology (MTEC) was established in the year 1999. It has a well-planned campus with pollution free surroundings. It is located at Peddabonkuru of Peddapalli district (Telangana). MTEC has emerged as a premier institute in the field of Technological Education, one of the most well equipped institutions in Telangana District.
Aesthetically built buildings, well furnished lecture halls, library, workshop, computer lab, hostel facility, conference hall, seminar hall, laboratory and spacious play ground, indoor and outdoor sports facilities, commercial-entrepreneurial facilities, vocational training and services in the campus, offer an ideal environment for pursuit of a professional career. MTEC has proved to be a turning point in the lives of many students, the place where many careers of stellar begin.
About the Department:
The Department of CSE was established in 2001 with an intake of 60 and subsequently increased to 120. The Department offers 10 Data Science programs in computer science and engineering, software engineering with an intake of 24 & 18. The department has experienced, qualified and committed faculty. Right from its inception it is continuously striving to impart quality education and competitive spirit among students for academic excellence.

Program Contents:
Descriptive Studies Using JAVA PROGRAMMING

- Basics of Java
- Method and constructors in java
- Java applet
- Java Applet
- Java server class
- GUI app, advanced java
- Server and the keyword in java

** The main aim of the program is to help in developing the IT sector and implementing related skills to cater up with their work applications.

Resource Person:
Mr. K. PRANETH KUMAR, Ph.D.,
Asst. Professor, CSE Department,
KIT'S, HYDHRABAD

Student Co-ordinators:

- A. Pavan Kalyan
- D. Sai deepika
- G. Srijanika
- K. Sravya
- K. Sravya
- M. Akhila

Eligibility:
Students who are pursuing B.TECH/M.TECH are eligible for attending this workshop.

Registration:
Each Participant should get the following address in the registration fee.
No Student Fee 200/-
The amount is to be paid by Demand Draft/cheque in favour of "The Principal, Mother Theresa College of Engineering & Technology, D.T. Srinivas"
Boarding & Lodging:
Accommodations will provide for tentative participants. (Condition apply)

IMPORTANT DATES
Last Date of Registration,
15th JAN 2020
(Till 10:00 AM)
Program dates: 20.01.2020 to 25.01.2020

ADDRESS FOR CORRESPONDANCE:
Mr. R. SRINIVAS (HOD-CSE)
Cell no: 9899959556
Mail id: mtec86@gmail.com



Y. Srinivas
PRINCIPAL
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Date: 25.01.2020

PROGRAM REPORT

Name of the Program : "Fundamentals Of Java Programming"

Date / Duration : 20-01-2020 to 25-01-2020 (36 Hours)

Resource Person : Mr. P.KISHORE, Associate Professor, SCITS, Karimnagar.

Name of Coordinator : Mr. BURLA SRINIVAS, Associate Professor, MTCET, Peddapally.

Number of Participants: 75

Program Objectives : The objectives of this program are

- To develop first-generation
- To train instructors in FUNDAMENTALS OF JAVA program

Topics Covered : The following topics were discussed in this certificate program

- Introduction, principles
- basic data types

Program Outcome : The workshop is intended to facilitate the students to acquire knowledge and information on FUNDAMENTALS OF JAVA PROGRAM



Y. Sreenivas
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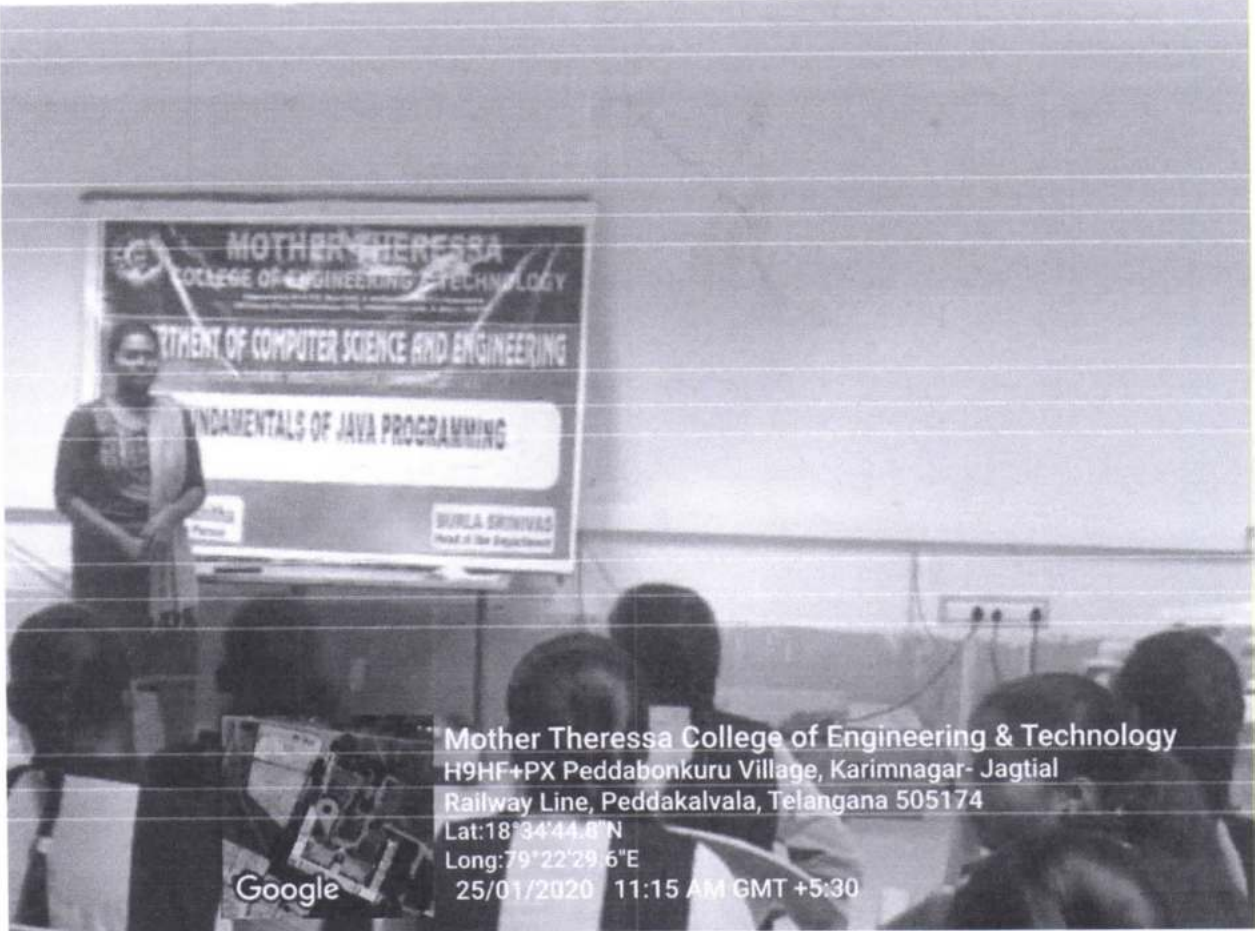


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Mother Theresa College of Engineering & Technology
H9HF+PX Peddabonkuru Village, Karimnagar- Jagtial
Railway Line, Peddakalvala, Telangana 505174
Lat:18°34'44.6"N
Long:79°22'29.6"E
25/01/2020 11:15 AM GMT +5:30

Coordinator

HOD - CSE

Head of the Department
Computer Science and Engineering
MOTHER THERESSA
College of Engineering & Technology
PEDDAPALLI-505 174 (T.S.)



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1. Which of these packages contains the exception Stack Overflow in Java? []
a) java.io b) java.system c) java.lang d) java.util
2. Which of the following is a superclass of every class in Java? []
a) ArrayList b) Abstract class c) Object class d) String
3. What is the extension of compiled java classes? []
a) .txt b) .js c) .class d) .java
4. Which of the following is not an OOPS concept in Java? [] a)
Polymorphism b) Inheritance c) Compilation d) Encapsulation
5. Which environment variable is used to set the java path? []
a) MAVEN_Path b) JavaPATH c) JAVA d) JAVA_HOME
6. Which of these cannot be used for a variable name in Java? []
a) identifier & keyword b) identifier c) keyword d) none of the mentioned
7. Which component is used to compile, debug and execute the java programs? []
a) JRE b) JIT c) JDK d) JVM
8. Which exception is thrown when java is out of memory? []
a) MemoryError b) OutOfMemoryError c) MemoryOutOfBoundsException d) MemoryFullException
9. Which of these are selection statements in Java? []
a) break b) continue c) for() d) if()
10. Which of the below is not a Java Profiler? []
a) JProfiler b) Eclipse Profiler c) JVM d) JConsole
11. What is Truncation in Java? []
a) Floating-point value assigned to a Floating type
b) Floating-point value assigned to an integer type
c) Integer value assigned to floating type
d) Integer value assigned to floating type
12. Which of these keywords is used to define interfaces in Java? []
a) intf b) Intf c) interface d) Interface
13. Which one of the following is not a Java feature? []
a) Object-oriented b) Use of pointers c) Portable d) Dynamic and Extensible
14. Which of the following is a type of polymorphism in Java Programming? []
a) Multiple polymorphism b) Compile time polymorphism
c) Multilevel polymorphism d) Execution time polymorphism
15. Which of these keywords are used for the block to be examined for exceptions? []
a) check b) throw c) catch d) try



Y. Veerendra
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Estd : 1999

JNTUH College Code : 86



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P.P.Colony (Po.), Peddabonkuru (Vill), PEDDAPALLI (Mdl. & Dist.) - 505174, Telangana State.

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Date: 25.01.2020

Name of the Programme: "Fundamentals of Java Programming"

Name — Nune Harika, pin-no 16861 A0412

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- Which of these packages contains the exception Stack Overflow in Java? **1 c 1**
 a) java.io b) java.system c) java.lang d) java.util
- Which of the following is a superclass of every class in Java? **1 c 1**
 a) ArrayList b) Abstract class c) Object class d) String
- What is the extension of compiled java classes? **1 c 1**
 a) .txt b) .js c) .class d) .java
- Which of the following is not an OOPS concept in Java? **1 c 1**
 a) Polymorphism b) Inheritance c) Compilation d) Encapsulation
- Which environment variable is used to set the java path? **1 d 1**
 a) MAVEN_Path b) JavaPATH c) JAVA d) JAVA_HOME
- Which of these cannot be used for a variable name in Java? **1 c 1**
 a) identifier & keyword b) identifier c) keyword d) none of the mentioned
- Which component is used to compile, debug and execute the java programs? **1 c 1**
 a) JRE b) JIT c) JDK d) JVM
- Which exception is thrown when java is out of memory? **1 b 1**
 a) MemoryError b) OutOfMemoryError c) MemoryOutOfBoundsException d) MemoryFullException
- Which of these are selection statements in Java? **1 d 1**
 a) break b) continue c) for() d) if()
- Which of the below is not a Java Profiler? **1 a 1**
 a) JProfiler b) Eclipse Profiler c) JVM d) JConsole
- What is Truncation in Java? **1 a 1**
 a) Floating-point value assigned to a Floating type
 b) Floating-point value assigned to an integer type
 c) Integer value assigned to floating type
 d) Integer value assigned to floating type
- Which of these keywords is used to define interfaces in Java? **1 c 1**
 a) intf b) Intf c) interface d) Interface
- Which one of the following is not a Java feature? **1 b 1**
 a) Object-oriented b) Use of pointers c) Portable d) Dynamic and Extensible
- Which of the following is a type of polymorphism in Java Programming? **1 b 1**
 a) Multiple polymorphism b) Compile time polymorphism
 c) Multilevel polymorphism d) Execution time polymorphism
- Which of these keywords are used for the block to be examined for exceptions? **1 d**
 a) check b) throw c) catch d) try

30 / 30 (Handwritten score)



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Date: 25.01.2020

Name of the Programme: "Fundamentals of Java Programming"

Name - Kota Sainath, pin-NO - 1786/A0219



- Which of these packages contains the exception Stack Overflow in Java? | c) java.lang
- Which of the following is a superclass of every class in Java? | c) Object class
- What is the extension of compiled java classes? | d) .class
- Which of the following is not an OOPS concept in Java? | d) Encapsulation
- Which environment variable is used to set the java path? | d) JAVA_HOME
- Which of these cannot be used for a variable name in Java? | d) none of the mentioned
- Which component is used to compile, debug and execute the java programs? | d) JVM
- Which exception is thrown when java is out of memory? | b) OutOfMemoryError
- Which of these are selection statements in Java? | d) if()
- Which of the below is not a Java Profiler? | d) JConsole
- What is Truncation in Java? | c) Integer value assigned to floating type
- Which of these keywords is used to define interfaces in Java? | c) interface
- Which one of the following is not a Java feature? | b) Use of pointers
- Which of the following is a type of polymorphism in Java Programming? | d) Execution time polymorphism
- Which of these keywords are used for the block to be examined for exceptions? | d) try

Handwritten marks: 30/30 and a signature



Handwritten signature and stamp: PRINCIPAL MOTHER THERESSA College of Engineering & Technology PEDDAPALLI-505 174

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Date: 25.01.2020

Name of the Programme: "Fundamentals of Java Programming"

SNO	PIN NO	STUDENTS NAME	MARKS
1	16861A0401	BAKKATHATLA VINEELA	28
2	16861A0402	MUSHARRATH JAHAN	28
3	16861A0403	BODDUPELLI SHARATH KUMAR	30
4	16861A0404	CHENNURI PRAVALIKA	30
5	16861A0405	GANDAM ALEKHYA	28
6	16861A0406	GANDRETI ARUNA	28
7	16861A0407	RALLABANDI SAICHARANI	28
8	16861A0408	GUJJETI SAMATHA	30
9	16861A0409	KOSARA AKHILA	30
10	16861A0410	MALLORI SWATHI	28
11	16861A0411	NAGARAPU MALLEESHWARI	30
12	16861A0412	NUNE HARIKA	30
13	16861A0413	REGULA SAMATHA	28
14	16861A0414	SAIRI ANJALI	28
15	16861A0415	SEETHA NANDINI	30
16	17865A0401	AKULA MOUNIKA	30
17	17865A0402	KANDUKURI VIRAT	28
18	17865A0403	KARENGULA UPENDRA	28
19	17865A0404	KALVALA SHYLAJA	28
20	17865A0405	GUNDETI RAMA SAGAR	30
21	17865A0406	GUNDETI ANUHYA	30
22	17865A0407	GUNDETI RAMA SAGAR	28
23	17865A0408	MUTHYALA SOWMYA	30



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24	17865A0409	PASEDLA RAVALI	30
25	17865A0410	SANTOSHAM SWETHA	28
26	17865A0411	KATHERLA ANIL	28
27	17865A0412	SANTI MANIMEGHALA	30
28	17861A0401	AGNIMETLA SUSHMITHA	30
29	17861A0402	ARKUTI MAHESH	28
30	17861A0403	BADRI AKHILA	28
31	17861A0405	CHATLA SRAVANTHI	28
32	17861A0407	EEDA SAI RESHMA	30
33	17861A0408	ELLANDULA MANASA	30
34	17861A0409	KAMPELLI VAISHNAVI	28
35	17861A0410	KEERTHI JAGADESHWAR	30
36	17861A0411	KODAM ALEKYA	30
37	17861A0412	KOLLURU VANI	28
38	17861A0413	KOYYADA SHIRISHA	28
39	17861A0414	LAKKEPURAM ANJALI	30
40	17861A0415	MIYYAPURAM TEJASRI	30
41	17861A0416	MOHAMMAD YASMEEN	28
42	17861A0417	MURUKUNTLA ARAVIND	30
43	17861A0418	SHAIK ASRA SULTHANA	28
44	17861A0419	SRIMANTHULA RAVALI	30
45	18865A0401	AMBATI SHRAVYA	28
46	18865A0402	ARE SRIVANI	28
47	18865A0403	BADAM SRIDEVI	30
48	18865A0404	BHEERTHI SHRUTHI	30
49	18865A0405	CHILUMULA SUSHMITA	28
50	18865A0406	GARVANDULA SRAVANI	28
51	18865A0407	GOOTLA RAJKUMAR	28
52	18865A0408	MANTHENA ROSHAN	30
53	18865A0409	MEDARI SATHISH KUMAR	30
54	18865A0410	NITTOORI SADHANA	28



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55	18865A0411	NUGILLA SAI DEEPTHI	30
56	18865A0412	OLLEPU MOUNIKA	30
57	18865A0413	PALLERLA NIHARIKA	28
58	18865A0414	PALLERLA SUSMITHA	28
59	18865A0415	THADISHETTY SWATHI	30
60	17865A0413	DONI SURESH	30
61	18861A0401	CHANDALA PREMALATHA	28
62	18861A0403	CHUNARKAR PRAFUL	28
63	18861A0404	DONI SURESH	28
64	18861A0405	ESUNAM MOUNIKA	30
65	18861A0408	KAMERA ESTHER RANI	30
66	18861A0412	NASPURI OMKAR	28
67	18861A0414	RACHAKONDA SAINATH	28
68	18861A0415	SANKATI ANUSHA	28
69	18861A0417	SHANIGARAM DEEPIKA	30
70	18861A0418	SIRIKONDA PRAVALIKA	30
71	18861A0419	THALLAPPELLY SHIVANI	28
72	19865A0401	RAMAGIRI RAKESH	30
73	19865A0402	SHYAMALA ANILKUMAR	30
74	19865A0403	SURAMPELLI NARESH	28
75	19865A0404	VADLURI ANIL	28



Mr. P Kishor
Resource Person



HOD - CSE
Head of the Department
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List of Certificate / Add-On-Programs

Academic Year: 2018-2019

SNo	Name of the Program	Duration of Course	Number of Participants
1	A One Week Certificate Program on Object Oriented Programming using Java	08-10-2018 to 12-10-2018	124
2	A One Week Certificate Program on Metal Fabrication and Joining Process Technologies	20-08-2018 to 25-08-2018	61
3	A One Week Certificate Program on Programming for Problem Solving	15-10-2018 to 20-10-2018	92
4	A One Week Certificate Program on Electronic Circuit Simulation and PCB Printing	15.10.2018 to 20.10.2018	72
5	A One Week Certificate Program on Research Methodologies	13-05-2019 to 25-05-2019	59
6	A One Week Certificate Program on Embedded Systems using C language	24-09-2018 to 29-09-2018	55
7	A One Week Certificate Program on Life Skills	20-05-2019 to 01-06-2019	97

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