

# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

**AISHE ID:C-18113**

**NAAC DVV**

**CYCLE II**



### 1 : CURRICULAR ASPECTS

#### 1.2 Academic Flexibility

#### 1.2.1 No. of Add-on Programs Offered during last 5 years

#### 1.2.1(4) Documents related to certificate programs for A.Y 2019-20



Approved by AICTE, New Delhi, Government of AP & Affiliated to JNTUK, Kakinada, Accredited by NAAC and An ISO 9001:2015 Certified Institution

**Bhoopalapatnam, Rajamahendravararam, E.G. Dist, AP-533103**



**+91 9121214413**



**[www.rietrjy.co.in](http://www.rietrjy.co.in)**



**[office@rietrjy.co.in](mailto:office@rietrjy.co.in)**





## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. V. Lakshmi Narayana**

Principal, RIET

### Convener

**Mr. R. Srinivas**

Head of the Department,  
Department of Electronics and Communication Engineering

Email id: [cinu02@gmail.com](mailto:cinu02@gmail.com)

### Co-ordinator

**Mr. D. Vijay Harsha Vardhan**

Assistant Professor  
Department of Electronics and Communication Engineering

Mobile No: +91 9885071850

Email id: [dasarivijay2003@gmail.com](mailto:dasarivijay2003@gmail.com)

## A Two-Week Certificate Program on “Internet of Things”

### REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

PRINCIPAL  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Date:  
Station:

HOD



## A Two-Week Certificate Program on “Internet of Things”

*Schedule:*

**01/07/2019 to 13/07/2019**

*Venue: Seminar Hall*



Organized  
by  
Department of  
Electronics and Communication  
Engineering

**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING &  
TECHNOLOGY

Approved by AICTE, New Delhi Affiliated  
by JNTUK and Accredited by NAAC  
Bhoopalapatnam, RAJAMAHENDRAVARAM,  
AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as “RIET” was established in the year 2008 in Rajahmundry by “The Swarnandhra Educational Society” pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the

management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## About the Department

The Department of Electronics and Communication Engineering, Rajamahendri Institute of Engineering and Technology was established in the year 2008. The department of ECE has been known for its exceptionally strong Under-Graduate training programmes. Ranked among the prominent in East Godavari, the department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education.

## About the Program



- Introduce some background and related technologies of IOT and discuss the concepts and objectives of IOT.
- Present the challenges and key scientific problems involved in IOT development.

## Topics to be Covered

- Introduction to IOT
- IOT and M2M
- Introduction to Python
- IOT Physical Devices and End Points
- IOT Physical Server and Cloud Offering
- Web Server for IOT

## Outcome of the event

- Improve Efficiency. Data is key to successfully improving productivity and operational efficiency with IOT solutions.
- Gain Competitive Edge
- Expand Your IOT View.

## Resource Person

**Mr. P. Venkata Ratnam**

Associate Professor

Department of Electronics and  
Communication Engineering

Mobile No: +91 9848791413

Email id: [ratnamraj08@gmail.com](mailto:ratnamraj08@gmail.com)





Date: 28-06-2019

**PROGRAM SCHEDULE**

Program Schedule for A Two-Week Certificate Program on “Internet of Things (IOT)”.

Duration	Program
<b>Day1:</b> 01-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Introduction to Micro Wave Engineering and Transmission Line.
<b>Day2:</b> 02-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Rectangular circular ➤ Wave guides
<b>Day3:</b> 03-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Microwave networks ➤ Scattering matrix
<b>Day4:</b> 04-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Impedance matching
<b>Day5:</b> 05-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Micro wave resonators
<b>Day6:</b> 06-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Power divider ➤ Directional couplers & filters
<b>Day7:</b> 08-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Micro wave Semiconductor Devices
<b>Day8:</b> 09-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Microwave Amplifiers ➤ Oscillators
<b>Day9:</b> 10-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Microwave tubes





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY


(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



<b>Day10:</b> 11-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Ferrite devices
<b>Day11:</b> 12-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Introduction to microwave Integrated Circuits(MIC)
<b>Day12:</b> 13-07-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Microwave Communication Systems and Other Applications areas

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



### NAME OF THE PROGRAM : A Two Week Add on Program on Internet of things STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR/ BRANCH	SIGNATURE
1.	18MD1A0401	AKULA DIVYA	II/I	A. Divya
2.	18MD1A0402	BAILLA N V VENKATA NAGA PAVANI	II/I	B. Pavani
3	18MD1A0403	BITRA SARVANI	II/I	B. SARVANI
4.	18MD1A0404	BUDDIGA SAI TEJASWINI	II/I	B. S. Tejaswini
5.	18MD1A0405	BULAGANI V S PRAPUL NAIDU	II/I	B. V. S. prapul naid
6.	18MD1A0406	CHELAMASETTI NANI	II/I	C. Dani
7.	18MD1A0407	CHINTA NARENDRA VIJAYESWAR	II/I	C. N. vijayeswar
8	18MD1A0408	CHINTA V N DURGA TARUN	II/I	C. narendrag vihar
9	18MD1A0409	DASARI JAGADISH	II/I	D. Jagadish
10	18MD1A0411	DUGGIRALA LAKSHMI PRASUNA	II/I	D. L. Prasuna.
11	18MD1A0413	EATHAKOTI PRARDHANA	II/I	E. Prardhana
12	18MD1A0414	GEDDAM SINDHUJA	II/I	G. sindhuja
13	18MD1A0415	GIRITHURI PRASANTHI	II/I	G. Prasanthi
14	18MD1A0416	GUBBALA NAVYA SRI	II/I	G. Navya Sri
15	18MD1A0417	GUTHULA SATYA RAJESH	II/I	G. S. Rajesh.
16	18MD1A0418	JANNAVARAPU BHUVANA SANTHI	II/I	J. B. Santhi
17	18MD1A0419	JILLELLA UJWAL	II/I	J. Ujwal
18	18MD1A0420	KADIYALA ARAVIND	II/I	K. Aravind
19	18MD1A0422	KASSEY DEEPIKA	II/I	K. Deepika
20	18MD1A0423	KETHAMALLA Y V RAM KUMAR	II/I	K. Y. V. Ram Kumar
21	18MD1A0424	KHANDAVALLI M MANGATAYARU	II/I	K. M Mangatayar
22	18MD1A0425	LALAM SAHITHI	II/I	L. sahithi
23	18MD1A0426	MADDUKURI BHAVANA CHOWDARY	II/I	M. BHAVANA CHOWDARY
24	18MD1A0427	MANTHENA SIVA RAMA RAJU	II/I	M. S. R. Raju
25	18MD1A0428	MEGHAM SA S S ANIRUDH BABA	II/I	M. S. S. A. Babu
26	18MD1A0429	MEKA RITWICK	II/I	M. Ritwick



# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



27	18MD1A0430	MUPPIDI SIRISHA	B/I	muppidi sirisha
28	18MD1A0431	NAGABHATLA GAJA SAI LALITHA	II/I	N.G. SAI LALITHA
29	18MD1A0433	NEBARTHI SUDHA PRIYA	II/I	N-S. Priya
30	18MD1A0434	NERELLA VAMSI SIVA KUMAR	II/I	N.V. Siva Kumar
31	18MD1A0435	OLETI VEERA DURGARAMASUDHEER	II/I	OVSudheer
32	18MD1A0436	PALLALA HAVANI KRISHNA T REDDY	II/I	PKrishna
33	18MD1A0437	PRAGALLAPATI V G CH SEKHAR	II/I	PVGCh Sekhar
34	18MD1A0438	THALLURI NAGA SITA MAHALAKSHMI	II/I	T.N. Sita Mahalakshmi
35	18MD1A0439	TULASI KAMESWARI VYSHNAVI DEVI	II/I	Tulasi Kameswari
36	18MD1A0440	VASAMSETTI GEETHA SOWMYA	II/I	G. Sowmya

*D. Harsh*  
COORDINATOR

*J*  
PRINCIPAL  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.





(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**  
 eMail: [office@rietryj.co.in](mailto:office@rietryj.co.in) Website: [www.rietryj.co.in](http://www.rietryj.co.in) Ph: +91 91212 14413



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



19	18MD1A0422	KASSEY DEEPIKA	A	P	P	P	P	P	P	P	P	P	P	P	P
20	18MD1A0423	KETHAMALLA Y V RAM KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
21	18MD1A0424	KHANDAVALLI M MANGATAYARU	P	P	P	P	P	P	P	P	P	P	P	P	P
22	18MD1A0425	LALAM SAHITHI	P	P	P	P	P	P	P	P	P	P	P	P	P
23	18MD1A0426	MADDUKURI BHAVANA CHOWDARY	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18MD1A0427	MANTHENA SIVA RAMA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18MD1A0428	MEGHAM SA S S ANIRUDH BABA	P	P	P	P	P	P	P	P	P	P	P	P	P
26	18MD1A0429	MEKA RITWICK	P	P	P	P	P	P	P	P	P	P	P	P	P
27	18MD1A0430	MUPPIDI SIRISHA	P	P	P	P	P	P	P	P	P	P	P	P	P
28	18MD1A0431	NAGABHATLA GAJA SAI LALITHA	P	P	P	P	P	P	P	P	P	P	P	P	P
29	18MD1A0433	NEBARTHI SUDHA PRIYA	P	P	P	P	P	P	P	P	P	P	P	P	P
30	18MD1A0434	NERELLA VAMSI SIVA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
31	18MD1A0435	OLETI VEERA DURGARAMASUDHEER	P	P	P	P	P	P	P	P	P	P	P	P	P
32	18MD1A0436	PALLALA HAVANI KRISHNA T REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P
33	18MD1A0437	PRAGALLAPATI V G CH SEKHAR	P	P	P	P	P	P	P	P	P	P	P	P	P
34	18MD1A0438	THALLURI NAGA SITA MAHALAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P	P
35	18MD1A0439	TULASI KAMESWARI VYSHNAVI DEVI	P	P	P	P	P	P	P	P	P	P	P	P	P
36	18MD1A0440	VASAMSETTI GEETHA SOWMYA	P	P	P	P	P	P	P	P	P	P	P	P	P

*D. Housh*  
COORDINATOR

*Ch*  
PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietjy.co.in Website: www.rietjy.co.in Ph: +91 91212 14413



Date: 15-07-2019

### PROGRAM REPORT

**Name and Title of the Program:** A Two-Week Certificate Program on “Internet of Things (IOT)”.

**Date & Time:** 01-07-2019 to 13-07-2019 & 10:00 AM to 5:00 PM

**Resource Person:** Mr. P. Venkata Ratnam, Associate Professor, Dept of ECE, RIET.

**Name of The Coordinator:** Mr V.Sandeep Kumar, Assistant Professor, Dept of ECE, RIET.

#### **Objectives of the Program:**

The student will be able to:

1. To learn and understand elements of IOT System.
2. Acquire knowledge about various protocols of IOT.
3. To learn and understand design principles and capabilities of IOT

#### **Out Comes of the Program:**

The student will be able to:

1. Understand internet of Things and its hardware and software components.
2. Interface I/O devices, sensors & communication modules.
3. Remotely monitor data and control devices.
4. Design real time IOT based applications.

**No. of Participants:** 36





**RESOURCE PERSON PROFILE**

**Name of the Certificate Program:** A Two-Week Certificate Program on “Internet of Things (IOT)”.



**Name of the Resource Person: Mr. P. Venkata Ratnam**

He completed M.Tech in ECE at JNTUK, 12 years of excellent teaching skills in relevant subjects. His area of specialization on Internet of Things and Best Knowledge in (IOT). Senior Faculty as an Assistant Professor in the Electronics and Communication Engineering Department is a distinguished position that encompasses advanced teaching, significant research contributions, and leadership within the academic community.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

  
**Coordinator**






RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J. N. T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRI-533 107, E.G. Dist.  
E: office@rietv.com W: www.rietv.com P: +91 9121214413

## Participation Certificate


This is to certify that

Mr./Mrs./Ms. BITRA SARVANI

has participated in  
An Add-On Two Week Certificate Program On "Internet Of Things(IOT)"  
01/07/2019 to 13/07/2019

  
R. Srinivas  
HOD, Dept. of ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.

  
Dr. V. L. Narayana  
Principal





(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDRI -533 107, E.G. Dist.

E: [office@rietv.co.in](mailto:office@rietv.co.in)

W: [www.rietv.ac.in](http://www.rietv.ac.in)

P: +91 9121214413

## Participation Certificate


This is to certify that

Mr./Mrs./Ms. CHELAMASETHI NANI


has participated in

An Add-On Two Week Certificate Program On "Internet Of Things(IOT)"

**01/07/2019 to 13/07/2019**

  
R. Srinivas  
HOD, Dept. of ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAHMUNDRAVARAM-533 107, E.G. Dist.

  
Dr. V. L. Narayana  
Principal



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
 BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
 eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



Date: 11-11-2019

### CIRCULAR

It is here by informed to all III<sup>rd</sup> B.Tech I-Sem A&B ECE students that our college conducting A **Two-Week Certificate Program on "VLSI Technology"** on 18<sup>th</sup> November 2019 to 30<sup>th</sup> November 2019. All the students give their names to coordinator listed below on or before 15<sup>th</sup> November 2019. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET

Coordinator: Ms. D. Jyothi, Assistant Professor, Dept. of ECE, RIET.

  
Principal


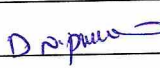
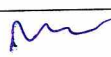
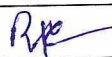

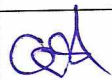
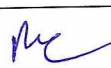



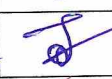
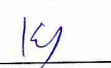
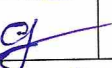

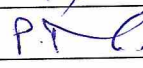
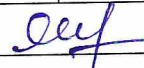
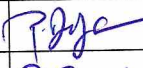
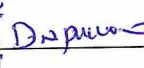
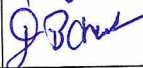

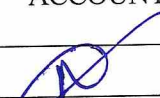
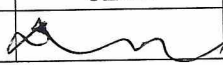



(Dr. R. Rambabu)  
PRINCIPAL

**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.

Copy to: Secretary

Copy to: All HODs for circulation to Staff

Copy to : Admin. Office

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech.1stYear				-----	
B.Tech.2nd Year				-----	-----
B.Tech.3rdYear	 				-----
B.Tech.4thYear	 				-----
ALLHOD'S					
	-----		-----		
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
					

## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. R. Rambabu Reddy**

Principal, RIET

### Convener

**Mr. R. Srinivas**

Head of the Department,  
Department of Electronics and Communication Engineering

Email id: [cinu02@gmail.com](mailto:cinu02@gmail.com)

### Co-ordinator

**Mrs. D. Jyothi**

Assistant Professor,  
Department of Electronics and Communication Engineering

Mobile No: +91 9059969960

Email id: [jyothi.murali2719@gmail.com](mailto:jyothi.murali2719@gmail.com)

## A Two-Week Certificate Program on

## “VLSI TECHNOLOGY”

### REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:  
Station:

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

HOD



## A Two-Week Certificate Program on

## “VLSI TECHNOLOGY”

### Schedule:

18/11/2019 to 30/11/2019

Venue: Seminar Hall



Organized  
by  
Department of  
Electronics and Communication  
Engineering

**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING &  
TECHNOLOGY

Approved by AICTE, New Delhi Affiliated  
by JNTUK and Accredited by NAAC  
Bhoopalapatnam, RAJAMAHENDRAVARAM,  
AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as “RIET” was established in the year 2008 in Rajahmundry by “The Swarnandhra Educational Society” pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to

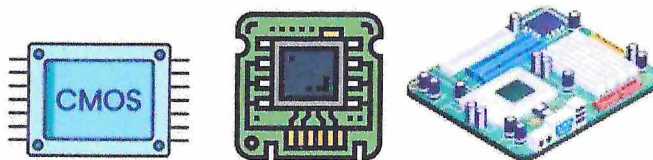
look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## About the Department

The Department of Electronics and Communication Engineering, Rajamahendri Institute of Engineering and Technology was established in the year 2008. The department of ECE has been known for its exceptionally strong Under-Graduate training programmes. Ranked among the prominent in East Godavari, the department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education.

## About the Program



- To learn basic CMOS Circuits.
- To learn CMOS process technology.
- To learn techniques of chip design using programmable devices.
- To learn the concepts of designing VLSI Subsystems.
- Model digital circuit with HDL, simulate, synthesis and prototype in PLDs.

## Topics to be Covered

- Monolithic active pixel sensors (MAPS) in a VLSI CMOS technology.
- VLSI scaling methods and low power CMOS buffer circuit.
- Performance of Leakage Power Minimization Technique for CMOS VLSI Technology.
- VLSI design.

## Resource Person

**Mrs. B. Vijaya**

Assistant Professor

Department of Electronics and Communication Engineering

Mobile No: +91 8886529329

Email id: [vijaya29329@gmail.com](mailto:vijaya29329@gmail.com)





Date: 15-11-2019

**PROGRAM SCHEDULE**

Program Schedule for A Two-Week Certificate Program on “VLSI Technology”.

Duration	Program
<b>Day1:</b> 18-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ VLSI Design Flow</li><li>➤ Introduction to IC technology</li></ul>
<b>Day2:</b> 19-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ Fabrication Process</li><li>➤ NMOS, PMOS and CMOS</li></ul>
<b>Day3:</b> 20-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ <math>I_{ds}</math> Versus <math>V_{ds}</math> Relationships</li><li>➤ Through one or more pass Transistors</li></ul>
<b>Day4:</b> 21-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ Alternative forms of pull-up</li></ul>
<b>Day5:</b> 22-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ The CMOS Inverter</li></ul>
<b>Day6:</b> 23-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ Latch – up in CMOS Circuits</li></ul>
<b>Day7:</b> 25-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ Bi- CMOS Inverter</li></ul>
<b>Day8:</b> 26-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ Comparison between CMOS and BiCMOS technology</li></ul>
<b>Day9:</b> 27-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	<ul style="list-style-type: none"><li>➤ MOS Layers</li></ul>





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



<b>Day10:</b> 28-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Stick Diagrams
<b>Day11:</b> 29-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Design Rules and Layouts
<b>Day12:</b> 30-11-2019 09:30AM-12:50PM 01:30PM-03:50PM	➤ Layout Diagrams for MOS circuits

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.



# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
eMail: office@rietjy.co.in Website: www.rietjy.co.in Ph: +91 91212 14413



## NAME OF THE PROGRAM : A Two Week Add on Program on VLSI Technology STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR/ BRANCH	SIGNATURE
1	17MD1A0401	ARUGULA PADMINI DEVI	III-I	A.P. Devi
2	17MD1A0402	BANDARU SRI LATHA BHARGAVI	III-I	B. Sri Latha Bhargavi
3	17MD1A0403	BASAMSETTI SRAVANI	III-I	B. Sravani
4	17MD1A0404	BELLAPUKONDA SUNI BHARGAVI	III-I	B. S. Bhargavi
5	17MD1A0405	BORUSU GAYATHRI	III-I	B. Gayathri
6	17MD1A0407	CHUKKA MADHURI	III-I	C. Madhuri
7	17MD1A0408	DODDIPATLA ANUSHA	III-I	D. Anusha
8	17MD1A0409	ELAPANA VIJAYASREE	III-I	vi Jayasree
9	17MD1A0410	ELI K M S RAMA DEVI	III-I	E. Rama Devi
10	17MD1A0411	ETHALA KAVYA	III-I	E. Kavya
11	17MD1A0412	GEDDAM ANUMADHURI	III-I	G. Anumadhuri
12	17MD1A0414	GUTTIMDEEVI AMRUTHA	III-I	G. Amrutha
13	17MD1A0415	HOTHA LAKSHMI SAI PRASANNA	III-I	H. Prasanna
14	17MD1A0416	KANCHUMARTHI SATYA	III-I	Satya
15	17MD1A0417	KANTAMSETTI SURYA BHANU	III-I	K. Bhannu
16	17MD1A0418	KASANI PADMA DEEPIKA	III-I	K. Padma Deepika
17	17MD1A0419	KHANDAVILLI SRI PRAVALLIKA	III-I	K. Pravalika
18	17MD1A0420	LINGABHERI RAJA UDAYASREE	III-I	L. Udayasree
19	17MD1A0421	MADASU JEMIMA RANI	III-I	M. Jemima Rani
20	17MD1A0422	MADDIPATI KALYANI	III-I	M. Kalyani
21	17MD1A0423	MADDUKURI MANOHARI	III-I	M. Manohari
22	17MD1A0424	MAJJURI PADMA PRIYANKA	III-I	M. Padma Priyanka
23	17MD1A0425	MAJJURI SRI DURGA MANIKANTA	III-I	M. Manikanta
24	17MD1A0426	MANCHIMSETTI MALLESWARI	III-I	M. Malleswari





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietjy.co.in Website: www.rietjy.co.in Ph: +91 91212 14413



25	17MD1A0427	MANIKYAM VEERA NAGA SATYA MADHURI	III-I	M. Madhuri
26	17MD1A0430	MIRTHIPATI LAKSHMI SUREKHA	III-I	M. I. Surekha
27	17MD1A0431	MOOGI LAVANYA	III-I	M. Lavanya
28	17MD1A0432	MOTHUKURI USHA SRI	III-I	M. Usha Sri
29	17MD1A0433	MUDUNURI BHAVYA NAGA SAI SRUJITHA	III-I	Srujitha
30	17MD1A0434	MUTHA SANDYA DEVI	III-I	M. Sandya
31	17MD1A0435	NAKKA SWETHA	III-I	N. Swetha
32	17MD1A0436	NALLAJARLA SRUTHI	III-I	N. Sruthi
33	17MD1A0437	NAMALA SRI KAVYA	III-I	N. S. Kavaya
34	17MD1A0440	PADINDALA AISHWARYA LAKSHMI	III-I	P. A. Lakshmi
35	17MD1A0441	PANDU SAI NIHARIKA	III-I	P. Niharika
36	17MD1A0442	PEDAPATI PADMA SURYA SAI HARSHITHA	III-I	P. Surya Harshitha
37	17MD1A0443	PILLI RENU SREE	III-I	P. R. Sree
38	17MD1A0444	RAVIPATI SRAVANI	III-I	R. Sravani
39	17MD1A0445	SUTHAPALLI PRATHYUSHA	III-I	S. PRATHYUSHA
40	17MD1A0446	THUMMAGUNTA LAVANYA	III-I	T. Lavanya
41	17MD1A0449	VANGA JYOTHSNA	III-I	V. Jyothsna
42	17MD1A0450	YALLAPU ARUNA	III-I	V. Aruna
43	17MD1A0454	CHERUVU VEERA SUHARSHA	III-I	C. V. Suharsha
44	17MD1A0455	CHINTA TARUN TEJA	III-I	C. T. TEJA
45	17MD1A0458	DONDAPATI MANIKANTA	III-I	D. Manikanta
46	17MD1A0459	GAJULA MURALI KRISHNA	III-I	G. Murali Krishna
47	17MD1A0460	GANTI SAI MANOJ	III-I	G. S. Manoj
48	17MD1A0461	GOLUKONDA CHANDRA DURGA	III-I	G. Chandradurga
49	17MD1A0462	GURRAPU RAMYA SRI	III-I	G. Ramya Sri
50	17MD1A0464	JILAGAM SAI GOVIND	III-I	J. Sai Govind
51	17MD1A0465	KAVIKONDALA SRI SAI DATTU	III-I	K. Sri Saiddattu



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



52	17MD1A0468	LELLA VEERA VENKATA SATYANARAYANA	III - I	L.v.v. Satyanarayana
53	17MD1A0473	MARUMOKHAM SATYA SYAM SUNDHAR	III - I	M. Sundhar
54	17MD1A0477	MOHAMMED ISMAILKHAN	III - I	M. Ismailkhan
55	17MD1A0478	MUTTINA SAI VAMSI	III - I	M. Sai Vamsi
56	17MD1A0479	NALLALA NAVEEN	III - I	N. Naveen
57	17MD1A0480	PEETHA RAGINI	III - I	P. Ragini

*D. J. J.*

COORDINATOR

*[Signature]*  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.







# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



19	17MD1A0421	MADASU JEMIMA RANI	P	P	P	P	P	P	P	P	P	P	P	P
20	17MD1A0422	MADDIPATI KALYANI	P	P	P	P	P	P	P	P	P	P	P	P
21	17MD1A0423	MADDUKURI MANOHARI	P	P	P	P	P	P	P	P	P	P	P	P
22	17MD1A0424	MAJJURI PADMA PRIYANKA	P	P	P	P	P	P	P	P	P	P	P	P
23	17MD1A0425	MAJJURI SRI DURGA MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P
24	17MD1A0426	MANCHIMSETTI MALLESWARI	P	P	P	P	P	P	P	P	P	P	P	P
25	17MD1A0427	MANIKYAM VEERA NAGA SATYA MADHURI	P	P	P	P	P	P	P	P	P	P	P	P
26	17MD1A0430	MIRTHIPATI LAKSHMI SUREKHA	P	P	P	P	P	P	P	P	P	P	P	P
27	17MD1A0431	MOOGI LAVANYA	P	P	P	P	P	P	P	P	P	P	P	P
28	17MD1A0432	MOTHUKURI USHA SRI	P	P	P	P	P	P	P	P	P	P	P	P
29	17MD1A0433	MUDUNURI BHAVYA NAGA SAI SRUJITHA	P	P	P	A	P	P	P	P	P	P	P	P
30	17MD1A0434	MUTHA SANDYA DEVI	P	P	P	P	P	P	P	P	P	P	P	P
31	17MD1A0435	NAKKA SWETHA	P	P	P	P	P	P	P	P	P	P	P	P
32	17MD1A0436	NALLAJARLA SRUTHI	P	P	P	P	P	P	P	P	P	P	P	P
33	17MD1A0437	NAMALA SRI KAVYA	P	P	P	P	P	P	P	P	P	P	P	P
34	17MD1A0440	PADINDALA AISHWARYA LAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P
35	17MD1A0441	PANDU SAI NIHARIKA	P	P	P	P	P	P	A	P	P	P	P	P
36	17MD1A0442	PEDAPATI PADMA S SAI HARSHITHA	P	P	P	P	P	P	P	A	P	P	P	P
37	17MD1A0443	PILLI RENU SREE	P	P	P	P	P	P	P	P	P	P	P	P
38	17MD1A0444	RAVIPATI SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P
39	17MD1A0445	SUTHAPALLI PRATHYUSHA	P	P	P	P	P	P	P	P	P	P	P	P
40	17MD1A0446	THUMMAGUNTA LAVANYA	P	P	P	P	P	A	P	P	P	P	P	P





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



41	17MD1A0449	VANGA JYOTHSNA	P	P	P	P	P	P	P	P	P	P	P	P
42	17MD1A0450	YALLAPU ARUNA	P	P	P	P	P	P	P	P	P	P	P	P
43	17MD1A0454	CHERUVU VEERA SUHARSHA	P	P	P	P	P	P	P	P	P	P	P	P
44	17MD1A0455	CHINTA TARUN TEJA	P	P	P	P	P	P	P	P	P	P	P	P
45	17MD1A0458	DONDAPATI MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P
46	17MD1A0459	GAJULA MURALI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P
47	17MD1A0460	GANTI SAI MANOJ	P	P	P	P	P	P	P	P	P	P	P	P
48	17MD1A0461	GOLUKONDA CHANDRA DURGA	P	P	P	P	P	P	P	P	P	P	P	P
49	17MD1A0462	GURRAPU RAMYA SRI	P	P	P	P	P	P	P	P	P	P	P	P
50	17MD1A0464	JILAGAM SAI GOVIND	P	P	P	P	P	P	P	P	P	P	P	P
51	17MD1A0465	KAVIKONDALA SRI SAI DATTU	P	P	P	P	P	P	P	P	P	P	P	P
52	17MD1A0468	LELLA V VENKATA SATYANARAYANA	P	P	P	P	P	P	P	P	P	P	P	P
53	17MD1A0473	MARUMOKHAM S SYAM SUNDHAR	P	P	P	P	P	P	P	P	P	P	P	P
54	17MD1A0477	MOHAMMED ISMAILKHAN	P	P	P	P	P	P	P	P	P	P	P	P
55	17MD1A0478	MUTTINA SAI VAMSI	P	P	P	P	P	P	P	P	P	P	P	P
56	17MD1A0479	NALLALA NAVEEN	P	P	P	P	P	P	P	P	P	P	P	P
57	17MD1A0480	PEETHA RAGINI	P	P	P	P	P	P	P	P	P	P	P	P

*D. Jothi*  
COORDINATOR

*[Signature]*  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALPATNAM  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



Date: 03-12-2019

### PROGRAM REPORT

**Name and Title of the Program:** A Two-Week Certificate Program on “VLSI Technology”.

**Date & Time:** 18-11-2019 to 30-11-2019 & 10:00 AM to 5:00 PM.

**Resource Person:** Mrs. B.Vijaya, Assistant Professor, Dept of ECE ,RIET.

**Name of The Coordinator:** Ms. D. Jyothi, Assistant Professor, Dept of ECE,RIET.

#### **Objectives of the Program:**

- The main objectives of this course are:
- To learn the MOS Process Technology
- To understand the operation of MOS devices
- Understand and learn the characteristics of CMOS circuit construction.
- Describe the general steps required for processing of CMOS integrated circuits.
- To impart in-depth knowledge about analog and digital CMOS circuits.

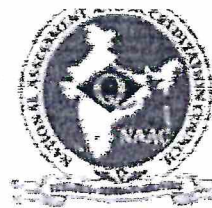
#### **OutComes of the Program:**

The student will be able to:

- Design basic building blocks in Analog IC design.
- Analyze the behavior of amplifier circuits with various loads.
- Design various CMOS logic circuits for design of Combinational logic circuits
- Design MOSFET based logic circuits using various logic styles like static and dynamic CMOS.
- Analyze the behavior of static and dynamic logic circuits.

**No. of Participants:** 57






**RESOURCE PERSON PROFILE**

**Name of the Certificate Program:** A Two-Week Certificate Program on “VLSI Technology”.



**Name of the Resource Person:** Mrs. B.Vijaya

She completed M.Tech in ECE at JNTUK, 7 years of excellent teaching skills in relevant subjects. Her area of specialization on VLSI Technology and Best Knowledge in VLSI . Senior Faculty as an Assistant Professor in the Electronics and Communication Engineering Department is a distinguished position that encompasses advanced teaching, significant research contributions, and leadership within the academic community.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

  
**Co ordinator**






RAJAMAHENDRI  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRY-533 107, E.G. Dist  
E: [office@rajmahendri.ac.in](mailto:office@rajmahendri.ac.in) W: [www.rajmahendri.ac.in](http://www.rajmahendri.ac.in) P: +91 9121214413


## Participation Certificate


This is to certify that

Mr./Mrs./Ms. ARUGULA PADMINI DEVI

has participated in  
An Add-On Two Week Certificate Program On "VLSI Technology"  
18/11/2019 to 30/11/2019

  
Mr. R. Srinivas  
HOD, Dept. of. ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.

  
Dr. R. Kambabu  
Principal






RAJAMAHENDRI  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRI-533 107, E.G. Dist.  
E: [office@rajamh.ac.in](mailto:office@rajamh.ac.in) W: [www.rajamh.ac.in](http://www.rajamh.ac.in) P: +91 9121214413

## Participation Certificate

This is to certify that

Mr./Mrs./Ms. KASAM PADMA DEEPI KA

has participated in  
An Add-On Two Week Certificate Program On "VLSI Technology"  
18/11/2019 to 30/11/2019

  
Mr. R. Srinivas  
HOD, Dept. of. ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.

Dr. R. Rambabu  
Principal





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietry.co.in

Website: www.rietry.co.in

Ph: +91 91212 14413



Date: 25-11-2019

### CIRCULAR

It is here by informed to all III B.Tech II-Sem CSE A & B students that our college conducting **A Two-Week Certificate Program on "Mastering Data Science :From Raw Data to Informed Decisions"** on 2<sup>nd</sup> December 2019 to 14<sup>th</sup> December 2019. All the students give their names to coordinator listed below on or before 29<sup>th</sup> November 2019. Hence all the students here by informed to attend the classes without fail.

**Venue:** Seminar Hall, RIET

**Coordinator:** Mrs . G. Swarna Latha , Assistant Professor, Dept. of CSE, RIET.

Copy to: Secretary

Copy to: All HODs for circulation to Staff

Copy to: Admin. Office

Copy to: Library

Principal

(Dr .R. RamBabu)

**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

BRANCH	CSE		Mech	ECE		EEE	S&H
B.Tech. 1st Year						-----	
B.Tech. 2nd Year						-----	-----
B.Tech. 3rd Year	P. S. S.	J		P. S. S.	P. S. S.		-----
B.Tech. 4th Year			P. S. S.			P. S. S.	-----
ALL HOD'S							
IQAC	ACCOUNTS		PLACEMENT CELL	TRANSPORT DEPT		LIBRARY	EXAM SECTION



## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. R. Rambabu Reddy**

Principal, RIET

### Convener

**Dr. R. Rambabu Reddy**

Head of the Department,  
Department of Computer Science and Engineering,

Email id: [cse.hod@rietrijy.co.in](mailto:cse.hod@rietrijy.co.in)

### Co-ordinator

**Mrs. G. Swarna Latha**

Associate Professor,  
Department of Computer Science and Engineering

Mobile No: +91 9440894420

Email id: [dasariswarnaprasad@gmail.com](mailto:dasariswarnaprasad@gmail.com)

## A Two-Week Certificate Program on

# "Mastering Data Science:"

From Raw Data to Informed Decisions

## REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:

Station:

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

HOD



## A Two-Week Certificate Program on

# "Mastering Data Science:"

From Raw Data to Informed Decisions

*Schedule:*

*02-12-2019 to 14-12-2019*

*Venue: Seminar Hall*



Organized  
by  
Department of  
Computer Science and Engineering

**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING &  
TECHNOLOGY**

Approved by AICTE, New Delhi Affiliated

by JNTUK and Accredited by NAAC

Bhoopalapatnam, RAJAMAHENDRAVARAM,  
AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced

technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



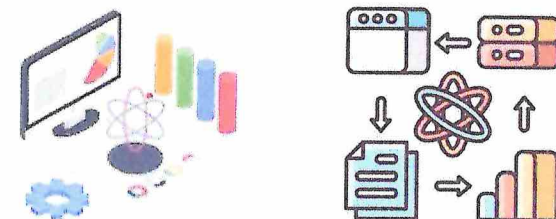
## About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc.

Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial

intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

## About the Program



This program provides a comprehensive education in data science, covering data collection, cleaning, analysis, and visualization. It explores fundamental and advanced topics, including machine learning, big data handling, natural language processing, and time series analysis. Participants engage in real-world and capstone projects, culminating in certification. The program prepares individuals for data-driven roles, making informed decisions across various domains.

## Resource Person

**Mrs. K.N.V. Ramya Devi**

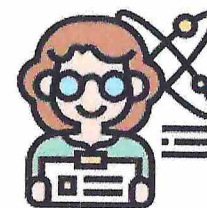
Assistant Professor,

Department of Computer

Science and Engineering

Mobile No: +91 9177441424

Email id: [kotla.ramya@gmail.com](mailto:kotla.ramya@gmail.com)







Date: 28-11-2019

**Program Schedule for “A Two-Week Certificate Program – Mastering Data Science From Raw Data to Informed Decisions.**

Duration	Program
<b>Day1:</b> 02-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Introduction to Data Science:</b> <ul style="list-style-type: none"><li>▪ Definition of data science</li><li>▪ The data science workflow</li><li>▪ Tools and resources</li></ul>
<b>Day2:</b> 03-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Data Collection and Cleaning:</b> <ul style="list-style-type: none"><li>▪ Data sources and collection methods</li><li>▪ Data preprocessing and cleaning techniques</li><li>▪ Practical data cleaning exercises</li></ul>
<b>Day3:</b> 04-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Exploratory Data Analysis (EDA):</b> <ul style="list-style-type: none"><li>▪ EDA principles</li><li>▪ Data visualization and statistical analysis</li></ul>
<b>Day4:</b> 05-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Data Modeling Fundamentals:</b> <ul style="list-style-type: none"><li>▪ Introduction to machine learning</li><li>▪ Supervised vs. unsupervised learning</li><li>▪ Building a simple machine learning model</li></ul>
<b>Day5:</b> 06-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Model Evaluation and Metrics:</b> <ul style="list-style-type: none"><li>▪ Model evaluation techniques</li><li>▪ Key performance metrics</li><li>▪ Practical model evaluation exercises</li></ul>
<b>Day6:</b> 07-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Advanced Machine Learning:</b> <ul style="list-style-type: none"><li>▪ Feature engineering</li><li>▪ Model selection and tuning</li><li>▪ Building more complex models</li></ul>
<b>Day7:</b> 09-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Big Data and Distributed Computing:</b> <ul style="list-style-type: none"><li>▪ Introduction to big data technologies</li><li>▪ Working with distributed computing frameworks</li><li>▪ Practical exercises on big data</li></ul>
<b>Day8:</b> 10-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Data Visualization and Storytelling:</b> <ul style="list-style-type: none"><li>▪ Advanced data visualization techniques</li><li>▪ Communicating data insights effectively</li><li>▪ Creating data-driven stories</li></ul>
<b>Day9:</b> 11-12-2019	<b>Natural Language Processing (NLP):</b> <ul style="list-style-type: none"><li>▪ Introduction to NLP</li></ul>



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



01:30PM-03:45PM	<ul style="list-style-type: none"><li>▪ Creating data-driven stories</li></ul>
<b>Day9:</b> 11-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Natural Language Processing (NLP):</b> <ul style="list-style-type: none"><li>▪ Introduction to NLP</li><li>▪ Text preprocessing and analysis</li><li>▪ Building NLP applications</li></ul>
<b>Day10:</b> 12-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Time Series Analysis:</b> <ul style="list-style-type: none"><li>▪ Time series data characteristics</li><li>▪ Forecasting and analysis techniques</li><li>▪ Time series data projects</li></ul>
<b>Day11:</b> 13-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Real-World Data Projects:</b> <ul style="list-style-type: none"><li>▪ Group or individual projects</li><li>▪ Application of data science skills to real-world problems</li><li>▪ Project presentation and feedback</li></ul>
<b>Day12:</b> 14-12-2019 09:30AM-12:40PM 01:30PM-03:45PM	<b>Capstone Projects and Certification:</b> <ul style="list-style-type: none"><li>▪ Final capstone projects</li><li>▪ Presentation of capstone projects</li><li>▪ Certification assessment and recognition</li></ul>

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**  
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



NAME OF THE PROGRAM : A Two Week Certificate Program on Mastering Data science:  
From Raw Data to Informed Decisions

**STUDENTS LIST**

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR/ BRANCH	SIGNATURE
1.	17MD1A0501	ALLAPALLI ALEKHYA	III - II	A. Alekhya
2.	17MD1A0502	BAISETTI HIMA BINDU	III - II	B. Hima Bindu
3	17MD1A0503	BETHAPUDI SAI KALYANI	III - II	B. Sai Kalyani
4.	17MD1A0504	CHILUVURI VIJAYA MOUNIKA	III - II	C. V. Mounika
5.	17MD1A0505	CHITTAJALLU LALITHA RANI	III - II	CH. L. Rani
6.	17MD1A0506	CHITTALA LAVANYA SATYA SURYA DURGA	III - II	C. L. S. S. Durga
7.	17MD1A0507	CHUNDRU BHUMIKA	III - II	CH. Bhumiika
8	17MD1A0508	CHUNDRU JHANSI LAKSHMI	III - II	CH. Jhansi Lakshmi
9	17MD1A0509	CHUNDRU MOUNIKA	III - II	C. Mounika
10	17MD1A0510	DANDU ATREYEE	III - II	D. Atreyee
11	17MD1A0511	ELI K S R NAGA LAKSHMI	III - II	ESRN Lakshmi
12	17MD1A0512	GOPISETTI SWETHA	III - II	G. Swetha
13	17MD1A0513	GRANDHI HARIKA	III - II	G. Harika
14	17MD1A0514	JAHNAVI GANIVADA	III - II	J. Ganivada
15	17MD1A0515	KAKARLA SUSHMITHA	III - II	K. Sushmitha
16	17MD1A0516	KALEPU ANUSHA	III - II	K. Anusha
17	17MD1A0517	KALLA VEERA VENKATA LAKSHMI	III - II	K. V. V. Lakshmi
18	17MD1A0518	KANTIPUDI GREESHMA	III - II	K. Greeshma
19	17MD1A0519	KONDETI HARIKA	III - II	K. Harika
20	17MD1A0520	KUNADHARAJU NEERAJA	III - II	K. Neeraja
21	17MD1A0521	LANKA SANDHYA	III - II	L. Sandhya
22	17MD1A0522	MADDI M V A SATYA DEVI	III - II	M. M. V. A. Satya devi
23	17MD1A0523	MADDUKURI HARI CHANDANA DEVI	III - II	M. H. C. Devi
24	17MD1A0524	MAKIREDDY NIHARIKA	III - II	M. Niharika
25	17MD1A0525	MAMIDI MEHER MOUNIKA	III - II	M. M. Mounika



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



26	17MD1A0526	MEDAPATI SATYA PRABHAJA	III - II	M. Satya prabhaja
27	17MD1A0527	MOHAMMED BASHEERUNNISA	III - II	M. Basheerunnisa
28	17MD1A0528	NOORUNNISA BEGUM	III - II	N. Begum
29	17MD1A0529	PALANGI CHATURYA SUDHA	III - II	P. Chaturya Sudha
30	17MD1A0530	PAPPALA PRIYANKA	III - II	P. Priyanka
31	17MD1A0531	PEMMANABOINA THARALA DEVI	III - II	P. THARALA DEVI
32	17MD1A0532	POLINA JAYA SAI SRIJA	III - II	P. Jaya Sai Sreja
33	17MD1A0533	PUREDLA SAI PADMA PRIYA	III - II	P. S. P. Priya
34	17MD1A0534	RAYIPATI SIREESHA	III - II	R. Sireesha
35	17MD1A0535	SAMPENGA S N SHANMUKHA DURGA	III - II	S. S. N. Sushma
36	17MD1A0536	SINGAMSETTY RAJA NANDINI	III - II	S. R. Nandini
37	17MD1A0537	SUNKAVALI PAVANI DURGA	III - II	S. P. Durga
38	17MD1A0538	THOTA RAVALI	III - II	T. Ravali
39	17MD1A0539	THOTA SIRISHA	III - II	T. SIRISHA
40	17MD1A0540	UNDAMATLA S LALITHA SUVARTHA RANI	III - II	U. S. L. S. Rani
41	17MD1A0541	VAKALAPUDI SAI CHARISHMA	III - II	V. S. Charishma
42	17MD1A0542	VALLABHANENI NAGA S VIJAYA BHARGAVI	III - II	V. N. S. V. Bhargavi
43	17MD1A0543	VALLABHANI LAKSHMI SOWJANYA	III - II	V. L. Sowjanya
44	17MD1A0544	YALAMATI HARSHITHA	III - II	Y. Harshitha
45	17MD1A0545	ALLA ABHINAYA	III - II	A. Abhinaya
46	17MD1A0546	BANDARU RITHIN ANAND SACHIN	III - II	B. R. A. Sachin
47	17MD1A0547	BANKA SWATHI	III - II	B. Swathi
48	17MD1A0548	BATHULA SUSHMA PRIYANKA	III - II	B. S. priyanka
49	17MD1A0549	BORUSU SATYA DHARMA TEJA	III - II	B. S. D. TEJA
50	17MD1A0550	BOYI SATISH	III - II	B. Satish
51	17MD1A0551	BUDIDA BHAVANA V VARA KEDHARNATH	III - II	B. Kedharnath
52	17MD1A0552	DASIREDDI SAI KISHORE	III - II	Vara
53	17MD1A0553	EDARA PHANINDRA SRI SURYA VAMSI	III - II	D. P. S. S. Vamsi
54	17MD1A0554	GANDEPALLI RAM BABU	III - II	G. Ram babu





# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



55	17MD1A0556	GOLUGURI ALEKHYA	<u>III</u> - <u>II</u>	G. Alekhya
56	17MD1A0557	KAKARAPARTHI JOSEPHRAJU	<u>III</u> - <u>II</u>	K. Josephraju
57	17MD1A0564	MANEPALLI NAGESWARA VAMSI KRISHNA	<u>III</u> - <u>II</u>	M. Nagesh.
58	17MD1A0565	MATTA NAGESH	<u>III</u> - <u>II</u>	M. Nagesh
59	17MD1A0566	MUPPURI ANIL KUMAR	<u>III</u> - <u>II</u>	M. Anil Kumar.
60	17MD1A0567	PADAM SATYA SREE	<u>III</u> - <u>II</u>	P. Satya Sree
61	17MD1A0568	PALADUGULA GNANA SRI DEVI	<u>III</u> - <u>II</u>	P. G. Sri Devi
62	17MD1A0570	POLINA VENKATA DURGA SAI RAVI TEJA	<u>III</u> - <u>II</u>	P. Ravi Teja
63	17MD1A0571	PRATTIPATI SAIRAM	<u>III</u> - <u>II</u>	P. Sairam
64	17MD1A0572	PRIYA CHOWDARY	<u>III</u> - <u>II</u>	P. Priya Chow
65	17MD1A0573	ROTTA EMMANUAL	<u>III</u> - <u>II</u>	R. Emmanuel
66	17MD1A0574	RUDRARAJU KONDARAJU	<u>III</u> - <u>II</u>	R. KONDARAJU.
67	17MD1A0576	SHEIK SUBHAN	<u>III</u> - <u>II</u>	S. Subhan.
68	17MD1A0577	SUNKARA GEETHA TRIVENI	<u>III</u> - <u>II</u>	S. G. Triveni
69	17MD1A0578	TAMALAMPUDI BABY SRAVANTHI	<u>III</u> - <u>II</u>	T. Baby Sravanthi
70	17MD1A0579	UPPULURI SRINIVAS	<u>III</u> - <u>II</u>	U. Srinivas
71	17MD1A0580	VAGDEVI VENTRAPATI	<u>III</u> - <u>II</u>	V. Ventrapati

*G. Subana Latha*  
COORDINATOR

*[Signature]*  
PRINCIPAL  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.







BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

**eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413**

[illegible]







# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



64	17MD1A0572	PRIYA CHOWDARY	A	P	P	P	P	P	P	P	P	P	P	P	P
65	17MD1A0573	ROTTA EMMANUAL	P	P	P	P	P	P	P	P	P	P	P	P	P
66	17MD1A0574	RUDRARAJU KONDARAJU	P	P	P	P	P	P	P	P	P	P	P	P	P
67	17MD1A0576	SHEIK SUBHAN	P	P	P	P	P	P	P	P	P	P	P	P	P
68	17MD1A0577	SUNKARA GEETHA TRIVENI	P	P	P	P	P	P	P	P	P	P	P	P	P
69	17MD1A0578	TAMALAMPUDI BABY SRAVANTHI	P	P	P	P	P	P	P	P	P	P	P	P	P
70	17MD1A0579	UPPULURI SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	P
71	17MD1A0580	VAGDEVI VENTRAPATI	P	P	P	P	P	P	P	P	P	P	P	P	P

*G. Swarna Latha*  
COORDINATOR

*[Signature]*  
PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM, E.G. Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in)

Website: [www.rietjy.co.in](http://www.rietjy.co.in)

Ph: +91 91212 14413



19-12-2019

### PROGRAM REPORT

**Name and Title of the Program: A Two-Week Certificate Program –“Mastering Data science From Raw Data to informed Decisions”**

**Course of Duration: 02-12-2019 to 14-12-2019**

#### **Objectives of the Program:**

The program aims to provide participants with foundational knowledge in data science, focusing on data collection, cleaning, exploratory data analysis, machine learning, advanced techniques, big data handling, data visualization, NLP, time series analysis, and real-world project experience. Successful participants will receive a certification, validating their proficiency in mastering data science and making informed decisions based on data-driven insights.

#### **Out Comes of the Program:**

Graduates of this program will achieve a comprehensive understanding of data science, including data collection, cleaning, exploratory data analysis, machine learning, advanced techniques, big data handling, data visualization, NLP, and time series analysis. They will gain practical experience through real-world projects and culminate their learning with capstone projects. Certification is awarded, validating their proficiency in data science and informed decision-making based on data analysis. This program prepares individuals for data science careers across diverse industries.

**No. of Participants:71**





### RESOURCE PERSON PROFILE

**Name of the certificate program:** An add on Two week certificate on “Mastering Data Science : From Raw Data to Informed Decision”



**Name of the Resource Person:** Mrs. K.N. V. Ramya Devi.

K..V. Ramya Devi , is working as Assistant Professor of CSE, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram. She completed MTECH -Cse from LENORA COLLEGE OF ENGINEERING & Technology, in 2014. She has Five years of academic experience , She had earned Bachelor of Engineering in Computer Science and Engineering from SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (Affiliated to JNTU Kakinada), in 2011. She motivated many students to choose the Right path in their Carrier. Beyond being an educated, She guided many students to navigate the complexities in computer science.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**



Signature

(Coordinator)



# RAJAMAHE N D R I INSTITUTE OF ENGINEERING & TECHNOLOGY

(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to L.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRI-533107, E.G. Dist.

E-office@rietiv.co.in

Www.rietiv.co.in

PH: 919121214413



## Participation Certificate

This is certify that

Mr./Mrs./Ms.

KAKARLA SUSHNITHA

has participated in

A Two-Week Certificate on "Mastering Data Science: From Raw Data To Informed Data"

02/12/2019 To 14/12/2019

  
Dr. R. Rambabu

HOD, Dept. of. CSE

  
Dr. V. L. Narayana

Principal

  
PRINCIPAL  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.





**R AJAMAHE N D R I**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**

(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRY-533107, E.G. Dist.

E-office: [riet@rietdri.co.in](mailto:riet@rietdri.co.in)

W: [www.rietdri.co.in](http://www.rietdri.co.in)

PH: 919121214413



**Participation Certificate**

This is certify that


Mr./Mrs./Ms.


KALPU ANUSHA


has participated in

A Two-Week Certificate on "Mastering Data Science: From Raw Data To Informed Data"

02/12/2019 To 14/12/2019

  
Dr. R. Rambabu  
HOD, Dept. of. CSE

  
Dr. V. L. Narayana  
Principal

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited by NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietij.co.in Website: www.rietij.co.in Ph: +91 91212 14413



Date: 11-12-2019

### CIRCULAR

It is here by informed to all IV<sup>th</sup> B.Tech. II-Sem Mechanical Engineering that our college conducting Two Week Certificate Program on "Manufacturing Technology" from 23-12-19 to 04-01-2020. All the students give their names to the coordinator listed below on or before 18<sup>th</sup> December 2019. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET

Co-ordinator: Mr. K Sri Rama Kumar, Dept. of Mech, RIET

Principal  
11/12/2019

(Dr. R Rambabu Reddy)

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM Dist.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.

Copy to : Secretary  
Copy to : All HODs for circulation to Staff  
Copy to : Admin. Office  
Copy to : Library

BRANCH	CSE		Mech.	ECE	EEE	S&H
B.Tech. 1st Year	✓	✓			-----	Drop down
B.Tech. 2nd Year					-----	-----
B.Tech. 3rd Year		✓	PSL.			-----
B.Tech. 4th Year			Ky			-----
ALL HOD'S		✓	A9	Drop	Drop	Drop down
IQAC	ACCOUNTS		PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
	✓	✓	✓	Drop	Drop	✓



## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. R. Rambabu Reddy**

Principal, RIET

### Convener

**Mr. V. Ravi Kumar**

Head of the Department

Department of Mechanical Engineering

Email id: [vrvikumar@gmail.com](mailto:vrvikumar@gmail.com)

### Coordinator

**Mr. K. Sri Rama Kumar**

Assistant Professor

Department of Mechanical Engineering

Mobile No: +91 9908714702

Email id: [ksramkumar567@gmail.com](mailto:ksramkumar567@gmail.com)

## A Two-Week Certificate Program on

# "MANUFACTURING TECHNOLOGY"

## REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:

Station:

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

HOD



## A Two-Week Certificate Program on

# "MANUFACTURING TECHNOLOGY"

### Schedule:

**23/12/2019 to 04/01/2020**

**Venue: Seminar Hall**



**Organized**

**by**

**Department of**

**Mechanical Engineering**

**RAJAMAHENDRI**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**

**Approved by AICTE, New Delhi Affiliated**

**by JNTUK and Accredited by NAAC**

**Bhoopalapatnam, RAJAMAHENDRAVARAM,**

**AP, 533107.**



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

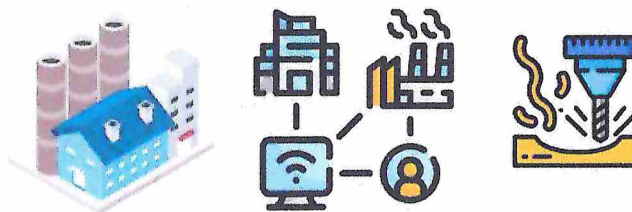
The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech, with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes



## About the Department

The Department of Mechanical Engineering . At present, the department offers Graduate degree . Mechanical Engineering Department is highly reputed for producing eminent engineers Mechanical Engineering Department is highly reputed for producing eminent engineers as professionals, researchers and entrepreneurs. Department has strong industry The Department has well-equipped laboratories such as pneumatics and hydraulic, Refrigeration and Air Conditioning, hydraulics Machinery, Theory of machines, thermal engg Lab, heat transfer lab, metrology, mettargy machine tool lab. Engineering work shop , production technology lab. Instrumentation and measurements lab. Many of its alumni occupy key positions in industries and institutions in India and abroad. The department is proud to be collaborated with well-known industries in niche areas.

## About program



As a general definition, manufacturing technology describes the application of tools and processes developed through scientific, industrial and engineering advances to improve the efficiency, quality and productivity of operations. Computerized maintenance management system (CMMS), Machine health monitoring reduces unplanned maintenance and extends the useful life of equipment by using sensors to detect potential operational issues early.

## Learning outcomes

- Understand the basics, various types, Processes and Applications involved in manufacturing technology.
- Safety options in today's working landscape.
- Operational flexibility.
- Increased innovation:
- Predictive maintenance.
- Applications and advantages of manufacturing technology

## Resource Person

**Mr. P. Atcha Rao**

Associate Professor  
Department of Mechanical  
Engineering

Mobile no: +91 8309134383

Email id: [patcharao.666@gmail.com](mailto:patcharao.666@gmail.com)







Date: 18/12/2019

### PROGRAM SCHEDULE

Program Schedule for Two Week Add-on Program on “Manufacturing Technology”

Duration	Program
<b>Day1:</b> 23-12-19 10:00AM-12:40 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Introduction to the Manufacturing Technology</li><li>• History of Manufacturing technology</li><li>• Advanced Manufacturing technology</li></ul>
<b>Day2:</b> 24-12-19 10:00AM-12:40 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Types of Manufacturing technology</li><li>• General applications</li><li>• Manufacturing technology in aero space</li></ul>
<b>Day3:</b> 26-12-19 10:00AM-12:40 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Casting technology</li><li>• Mouldings in manufacturing technology</li></ul>
<b>Day4:</b> 27-12-19 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Patterns in MT</li><li>• Miscellaneous MT process</li></ul>
<b>Day5:</b> 28-12-19 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Open and closed manufacturing process</li></ul>
<b>Day6:</b> 30-12-19 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• conventional machining process</li></ul>
<b>Day7:</b> 31-12-2019 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Un conventional machining process</li><li>• Types in UCMP</li></ul>
<b>Day8:</b> 2-1-2020 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Advanced inspection of manufacturing technology</li></ul>
<b>Day9:</b> 3-1-2020 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Computer aided design in welding technology</li><li>• Characteristics of welding process</li></ul>
<b>Day10:</b> 04-1-2020 10:00AM-12:30 1:30PM-3:30PM	<ul style="list-style-type: none"><li>• Applications, advantages and disadvantages in manufacturing process.</li></ul>



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



### NAME OF THE PROGRAM : A TWO WEEK CERTIFICATE MANUFACTURING TECHNOLOGY

### STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR BRANCH	SIGNATURE
1	16MD5A0301	DAMODARI JITENDRA KUMAR	IV - II	D. Kumar
2	16MD5A0302	GUTTI SIVA NAGA SURENDRA	IV - II	G. Surendra
3	16MD5A0303	NAKKA SIVA SAI DURGA PRASAD	IV - II	N. Prasad
4	16MD5A0304	PADALA NARESH	IV - II	P. Nareesh
5	16MD5A0305	PALIVELA RAJESH	IV - II	P. Rajesh
6	16MD5A0306	PAPPU ARAVIND	IV - II	P. Aravind
7	16MD5A0307	PASUPULETI RAMESH	IV - II	p. ramesh
8	16MD5A0308	VASAMSETTI JAI SRI D SAIGANESH	IV - II	V.J.S.D. Saigamesh
9	16MD1A0301	AKULA PRAVEEN KUMAR	IV - II	A.p. kumar
10	16MD1A0302	CHANDRU SAI SHANKAR	IV - II	C. Sai Shankar
11	16MD1A0303	DEEPAK SIMON BEERA	IV - II	D.S. beera
12	16MD1A0304	GONDESI PENTAYYA REDDY	IV - II	G. Pentayya Reddy
13	16MD1A0305	KONA HEMASIVA SATYA SUMANTH	IV - II	K.H.S. sumanth
14	16MD1A0306	KORELEPARA RAMA KRISHNA	IV - II	K.R. Krishna
15	16MD1A0307	MALLA PAVAN SRINIVAS	IV - II	M.P. Srinivas
16	16MD1A0308	MALLULA VEERA VENKATA KALYAN	IV - II	K.V.V. Kalyan
17	16MD1A0309	MANGALAMPALLI SIVA PRASAD	IV - II	M. Siva Prasad
18	16MD1A0310	MULAPARTHI PAVAN KUMAR	IV - II	M. pavan Kumar
19	16MD1A0311	NARALA DURGA V NARAYANA SWAMY	IV - II	N.D.V.N. Swamy
20	16MD1A0312	PASALAPUDI SANDEEP	IV - II	P. Sandeep
21	16MD1A0313	PATHI SARVARAYUDU	IV - II	P. Sarvarayudu
22	16MD1A0314	PENDEM SANDEEP	IV - II	p. Sandeep
23	16MD1A0315	PENUMATSA PRUTHEVI RISHI VARMA	IV - II	P. P. Rishi varma
24	16MD1A0316	RAGU SRIKAR	IV - II	R. Srikar
25	16MD1A0317	RUDRARAJU SANTHOSH KUMAR RAJU	IV - II	R. S. kumar Raju





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



26	16MD1A0318	SHAIK SOHIL	IV-II	S. Sohail
27	16MD1A0319	SIDDA VEERENDRA	IV-II	S. Veerendra
28	16MD1A0320	VYTLA AVINASH CHOWDARY	IV-II	Chowdary.
29	17MD5A0301	AKULA KARTHIK	IV-II	A. Karthik
30	17MD5A0302	AYINAMPUDI SRINIVASU	IV-II	A. Srinivas
31	17MD5A0303	CHINTA HIMA VAMSY	IV-II	C. Hima vamsy
32	17MD5A0304	DEVARAPALLI RAMAKRISHNA	IV-II	D. Rama krishna
33	17MD5A0305	DOWLURI SATYA MOHAN	IV-II	D. Sata mohan
34	17MD5A0306	GORRELA NAGARJUNA	IV-II	G. Nagarjuna
35	17MD5A0307	KAMISSETTI BHARATH RAJESH	IV-II	K. B. Rajesh
36	17MD5A0308	KASIREDDY SURESH	IV-II	K. Bharath Rajesh
37	17MD5A0309	KONDEBATHULA VENKATESH	IV-II	K. Venkatesh
38	17MD5A0310	KOSINTI VEERENDRA	IV-II	K. Veerendra
39	17MD5A0311	LAVETI SURESH GOPI	IV-II	L. Suresh Gopi
40	17MD5A0312	MARISSETTI BABJI	IV-II	M. Babaji
41	17MD5A0313	MEESALA NAVEEN ASEERWAD	IV-II	M. N. Asseerwad
42	17MD5A0314	MEESALA PRAVEEN	IV-II	M. Praveen
43	17MD5A0315	NURUKURTHI TRILOK	IV-II	N. Trilok
44	17MD5A0316	PATNALA CHANDRA MOULI	IV-II	P.C. MOULI
45	17MD5A0317	PIKKILI KASHI BABU	IV-II	P. Kashi babu
46	17MD5A0318	PUCHALA RAMA BRAHMAJI	IV-II	P. Rama
47	17MD5A0319	PULLURI PRUDHVI RAJESH	IV-II	P. Rajesh
48	17MD5A0320	ROKKAM KALYAN	IV-II	R. Kalyan
49	17MD5A0321	TALLURI KRISHNA GANESH	IV-II	T. Krishna Ganesh
50	17MD5A0322	THUMMAGUNTA HAREESH	IV-II	Hareesh
51	17MD5A0323	VANAPALLI VAMSIKRISHNA	IV-II	Vanapalli Krishna
52	17MD5A0324	VETSHA JYOTHI SWAROOP	IV-II	
53	17MD5A0325	YATLA SATHISH KUMAR	IV-II	Y. Sathish Kumar
54	17MD5A0326	YENNETI ANIL KUMAR	IV-II	Y. Anil Kumar



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



55	17MD5A0327	YEPURI VENKATA MANIKANTA	II-II	Y. Venkatesh
56	17MD1A0301	AFRIDI ANSARI	II-II	A. Ansari
57	17MD1A0302	ARE RAKESH	II-II	A. Rakesh
58	17MD1A0303	BEESAPU SAI PRAVEEN	II-II	B. S. Praveen
59	17MD1A0304	BHUSHANAMENI DURGA PRASAD	II-II	B. Prasad
60	17MD1A0305	CHAKRALA VENKATA DURGA PRASAD	II-II	V. Venkata
61	17MD1A0306	CHALLANGI SIVA RAMA KRISHNA	II-II	C. Krishna
62	17MD1A0307	CHIKKALA SAI SWAMY	II-II	C. Sai
63	17MD1A0308	GADA NAGASAI	II-II	G. Nagasai
64	17MD1A0310	GARAGALA PRAVEEN	II-II	G. Praveen
65	17MD1A0311	GARRE SRINIVAS	II-II	G. Srinivas
66	17MD1A0312	GOSULA SOMA SEKHAR	II-II	G. S. Sekhar
67	17MD1A0313	JALLEPALLI RAMESH	II-II	J. Ramesh
68	17MD1A0314	KALABATHULA JOY RAVI KIRAN	II-II	K. J. Ravi Kiran
69	17MD1A0315	KALEPU RAJESH	II-II	K. Rajesh
70	17MD1A0316	KARUMUJJI SAI SRINIVAS	II-II	K. Sai Srinivas
71	17MD1A0317	KETHA NIKESH	II-II	K. Nikesh
72	17MD1A0318	KILAPARTHY SRAVANI	II-II	K. Sravani
73	17MD1A0319	KOTI MANIDEEP	II-II	K. Manideep
74	17MD1A0320	KOYYA VENKATA BHUVANA TEJA	II-II	K. Venkata Bhuvana Teja
75	17MD1A0321	MADDI HARI VENKATA ARJUN REDDY	II-II	M. H. V. A. R.
76	17MD1A0322	MARNI VEERA V SATYANARAYANA	II-II	M. V. V. Satya
77	17MD1A0323	MENEDDI SATISH	II-II	M. Satish
78	17MD1A0324	PARAMATA PRASAD	II-II	P. Prasad
79	17MD1A0325	PONNADA MAHESH	II-II	P. Mahesh
80	17MD1A0326	RAPAKA RAMESH BABU	II-II	R. Ramesh Babu
81	17MD1A0328	RUDRAM DHARMAJI	II-II	R. Dharmaji
82	17MD1A0329	THOTAPALLI VENKATA AKHIL	II-II	T. V. Akhil
83	17MD1A0330	YELURI SAI KIRAN	II-II	Y. Sai Kiran





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



84	18MD5A0301	ABDUL BASHEER	III-II	A. Basheer
85	18MD5A0302	BARLA RAMESH	III-II	B. Ramesh
86	18MD5A0303	BATTINA DURGA VEERA VARA PRASAD	III-II	B. Prasad
87	18MD5A0304	BUDAMPARTHI R GOWRISWEAR	II-II	B. Gowriswar
88	18MD5A0305	CHOKKAPU MAHESH	III-II	C. Mahesh
89	18MD5A0306	JANA AKASH	II-II	J. Akash
90	18MD5A0307	KADULURI VENKATA RAMANA	III-II	K. Venkata Ramana
91	18MD5A0308	KAMIREDDY SAI VINAY	III-II	K. S. Vinay
92	18MD5A0309	KILANI KUSUMA SHIVANI	III-II	K.K. SHIVANI
93	18MD5A0310	KILANI LALITHA BHAVANI	III-II	K.L. Bhavani
94	18MD5A0311	KUSETTI SHANMUK SAIDEVESH	III-II	K. Shanmukha
95	18MD5A0312	MEDAPATI MANISHA	III-II	M. Manisha
96	18MD5A0313	MOHAMMED MOZAMIL	III-II	M. Mozam
97	18MD5A0314	MULAGA SAINADH	III-II	M. Sainadh
98	18MD5A0315	NILUROTHI RAJESH	III-II	N. Rajesh
99	18MD5A0316	NIMMAKAYALA VAMSI KRISHNA	III-II	N. Vamsi
100	18MD5A0317	NULU USHA KIRAN	III-II	N. U. Kiran
101	18MD5A0319	PAPPU GANESH	III-II	P. Ganesh
102	18MD5A0321	SEERAPU YUVA S NAGENDRA REDDY	III-II	S. Y. S. Reddy
103	18MD5A0322	SHAIK LAL THAYYAB ALI	III-II	S. L. Thayyab Ali
104	18MD5A0323	SIRIPURAPU CHARAN ROHITH	III-II	S. Rohith
105	18MD5A0324	SOMANA TEJA V ESWARA NARASIMHA	III-II	S. T. V. Narasimha
106	18MD5A0325	TAANALA DINESH	III-II	T. Dinesh
107	18MD5A0326	UPADRASHTA SAI V KAMESWARA RAO	III-II	U. S. V. K. Rao
108	18MD5A0327	VEERAPARAJU V V PHANEENDRA BABU	III-II	V. Babu
109	18MD5A0328	VENNAPU PREM KUMAR	III-II	V. Premkumar
110	18MD1A0301	ABHILASH BADDE	III-II	A. Badde
111	18MD1A0302	BOGAVALI V V S DURGA RAO	III-II	V. V. S. Durga Rao
112	18MD1A0303	CHANDRAMALLA RAJESH	III-II	C. Rajesh



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)


BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietjy.co.in Website: www.rietjy.co.in Ph: +91 91212 14413



113	18MD1A0304	CHIGURUPALLI SUDHEER KUMAR	<u>II - II</u>	C. Sudheer Kumar
114	18MD1A0305	CHOLLANGI YASWANTH	<u>II - II</u>	C. Yaswanth
115	18MD1A0306	GANISETTI RAJESH	<u>II - II</u>	C. Rajesh
116	18MD1A0307	JAKKANA VEERA MANIKANTA	<u>II - II</u>	J. Veera
117	18MD1A0308	KANDULA VENKAT KARUN	<u>II - II</u>	K. Venkat Karun
118	18MD1A0309	KANURI GANGANNA SWAMY	<u>II - II</u>	K. G. Swamy
119	18MD1A0310	KAVULURI SATISH CHANDRA	<u>II - II</u>	K. Satishchandra
120	18MD1A0311	MIRAPA ANAND KUMAR	<u>II - II</u>	M. Anand Kumar
121	18MD1A0312	PEDDEHAPU SIVAJI	<u>II - II</u>	P. Sivaji
122	18MD1A0313	PENTAKOTA DURGA SAI KIRAN	<u>II - II</u>	P. D. S. Kiran
123	18MD1A0314	POLUGUMATI VIVEK	<u>II - II</u>	P. Vivek
124	18MD1A0315	RAMIREDDY LAKSHMI N REDDY	<u>II - II</u>	R. L. Reddy
125	18MD1A0316	SADE VAMSI	<u>II - II</u>	S. Vamsi
126	18MD1A0318	VARA GOWTHAMKUMAR	<u>II - II</u>	V. Gowtham Kumar
127	19MD5A0301	ALLA RAJA	<u>II - II</u>	A. Raja
128	19MD5A0302	DWARAMPUDI RAJKUMAR	<u>II - II</u>	D. Rajkumar
129	19MD5A0303	GEDDAM GNANADEEP	<u>II - II</u>	G. Gnanadeep
130	19MD5A0304	GUMMADI SAI VIMAL	<u>II - II</u>	G. S. Vimal
131	19MD5A0305	KINTHADA JAYA KRISHNA	<u>II - II</u>	K. Jaya Krishna
132	19MD5A0306	MOHAMMED HABEEB UR REHAMAN	<u>II - II</u>	M. Habeeb UR Rehman
133	19MD5A0307	MUNGARA SAI SURESH	<u>II - II</u>	M. Sai Suresh
134	17X91A0311	CHARRAVURI ANAND	<u>II - II</u>	C. Anand

  
COORDINATOR

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





**eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413**

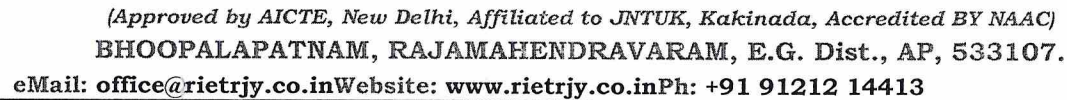
[illegible]



**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**

[illegible]



[illegible]



**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**

[illegible]





**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**

[illegible]



**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**

[illegible]





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)


BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



133	19MD5A0307	MUNGARA SAI SURESH	P	P	P	P	P	P	P	P	P	P	P
134	17X91A0311	CHARRAVURI ANAND	P	P	P	P	P	P	P	P	P	P	P

  
COORDINATOR

  
PRINCIPAL  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



Date: 09-01-2020

### Program Report

**Name of the Event:** A Two-Week Add-on Programs on “Manufacturing Technology”.

**Date / Duration:** 23-12-19 to 04-01-2020, 10:00 AM to 5:00 P.M.

**Objective of the event:**

- Apply knowledge of industrial safety standards to both field and factory environments.
- apply knowledge, techniques and skills of an entry-level casting using common casting Processes from various levels of automation.
- Apply knowledge, techniques, skills and use of modern tools in manufacturing process
- conduct visual, destructive, and non-destructive testing methods in order to determine Inspection process in manufacturing technology.
- Design solutions for well-defined technical problems and assist the engineering design of systems, components, or processes appropriate to the manufacturing discipline.

**Outcome of the event:**

After attending the certificate program students will be able to

- Build skills toward industry standards.
- Build skills toward state and national certifications in casting and different streams in Manufacturing.
- Work as an effective and dependable team member as well as independently.
- Demonstrate safe work habits that reflect concern and care for self, others and the Environment.
- Develop the skills necessary to secure employment.

**Number of students attend: 134**





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



### RESOURCE PERSON PROFILE

Name of the resource person: Mr. P Atcha Rao



Mr. P Atcha Rao is the Head of Mechanical Engineering Department in Rajamahendri Institute of Engineering and Technology, Rajamahendravaram. He is a well known Associate Professor in Mechanical Engineering, Having more than 12 years of experience in teaching and industry. He is Visionary Senior Educational Manager and Administrator. He brought some structural reforms so that the Mechanical Department gets recognized as a corporate social responsible one. Good placement record is created. Entrepreneurship was highly encouraged.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

  
**CO-ORDINATOR**



**R AJAMAHENDRI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**



(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDY-533107, E.G. Dist.

E: office@rietry.co.in

W: www.rietry.co.in

P: +919121214413

## *Participation Certificate*

This is to certify that

Mr./Mrs./Ms. CH VAMSY

has participated in  
A Two week Certificate Program on  
“Manufacturing Technology”

23-12-2019 to 04-01-2020

*V. Ravi Kumar*

**Mr. V Ravi Kumar**  
**HOD, Dept. of. Mech**

*M. Murali Krishna*

**Dr. M Murali Krishna**  
**Principal**

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM,**  
**RAJAMAHENDRAVARAM-533 107. E.G. Dist.**





**R AJAMAHENDRI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**



(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDY-533107, E.G. Dist.

E:office@rietjy.co.in

W:www.rietjy.co.in

P:+919121214413

## *Participation Certificate*

This is to certify that

Mr./Mrs./Ms. S. SOHIL

has participated in

A Two week Certificate Program on

“Manufacturing Technology”

23-12-2019 to 04-01-2020

*V. Ravi Kumar*

**Mr. V Ravi Kumar**  
**HOD, Dept. of. Mech**

*M. Murali Krishna*

**Dr. M Murali Krishna**  
**Principal**

PRINCIPAL

**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM,**  
**RAJAMAHENDRAVARAM-533 107, E.G. Dist.**



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietjy.co.in

Website: www.rietjy.co.in

Ph: +91 91212 14413



Date: 18-01-2020

### CIRCULAR

It is here by informed to all IV B.Tech II-Sem EEE that, our college conducting "A Two Week Add-on Program on Artificial Intelligence" on 27<sup>th</sup> January 2020 to 8<sup>th</sup> February 2020. All the students give their names to coordinator listed below on or before 23rd January 2020. Hence all the students here by informed to attend the classes without fail.

Venue: LH-309, RIET

Co-ordinator: Mr. P D Srinivas Dept. of EEE

*H. Ash*  
PRINCIPAL

(Dr. M. Murali Krishna)  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Copy to : Secretary

Copy to : All HODs for circulation to Staff

Copy to : Admin. Office

Copy to : Library

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. 1st Year				-----	-----
B.Tech. 2nd Year				-----	-----
B.Tech. 3rd Year	<i>Qsd Psk</i>	<i>P. S. L.</i>	<i>Qsd</i> <i>RK</i>	<i>Qsd</i>	-----
B.Tech. 4th Year				<i>P. K. S. R.</i>	-----
ALL HOD'S	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>	<i>Qsd</i>



## Organizing Committee

### Chief Patron

**Shri. A. V. V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T. V. L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R. R. S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. M. Murali Krishna**

Principal, RIET

### Convener

**Mr. D. B. Chowdary**

Head of the Department,  
Department of Electrical and Electronics Engineering

Email id: [chowdarudb998@gmail.com](mailto:chowdarudb998@gmail.com)

### Coordinator

**Mr. P. D. Srinivas**

Associate Professor,  
Department of Electrical and Electronics Engineering

Mobile No: +91 9502270946

Email id: [durgasrinivasperuri@gmail.com](mailto:durgasrinivasperuri@gmail.com)

## A Two-Week Certificate Program on "ARTIFICIAL INTELLIGENCE" REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:  
Station:

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.

HOD



## A Two-Week Certificate Program on "ARTIFICIAL INTELLIGENCE"

Date:

27/01/2020 to 08/02/2020

Venue: LH-309, RIET



Organized  
by  
Department of  
Electrical and Electronics Engineering  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING &  
TECHNOLOGY

Approved by AICTE, New Delhi Affiliated  
by JNTUK and Accredited by NAAC  
Bhoopalapatnam, RAJAMAHENDRAVARAM,  
AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in

adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

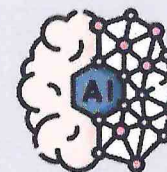


## About the Department

The Department of Electrical Engineering is one of the oldest departments of Engineering. Established as one of the major departments of the Institute, the Department of Electrical Engineering has been actively engaged in teaching and research in diverse fields of Electrical Engineering. With excellent faculty, the Department of Electrical Engineering offers undergraduate (B.Tech). The department can boast about 10 well equipped labs, latest simulation and design software, excellent staff-student ratio who are continuously engaged in teaching-learning process.

One batch have successfully completed their degree and are placed as well. The dept keen on developing consultancy services and welcomes funding research from outside agencies. We look at the potential contribution that our staff and students can make towards this aspect and strengthen the department further.

## About the Program



To introduce the basic concepts, theories, and state-of-the-art techniques of artificial intelligence. To introduce basic concepts and applications of machine learning. Help students to learn the application of machine learning /A. I have algorithms in the different fields of science, medicine, finance, etc. Understand the current trends in AI. Design and optimize the Neural Network Model. Gain insights with python.

## Topics to be Covered

- ✓ Introduction to AI
- ✓ Problem Solving using search
- ✓ Predicate Logic
- ✓ Planning
- ✓ Uncertainty in A.I
- ✓ Machine Learning
- ✓ Advanced Applications

## Resource Person

**Mr. Ch. Gopi**

Assistant Professor,

Mobile No: +91 9440218157

Email id: [chindada.gopi@gmail.com](mailto:chindada.gopi@gmail.com)







Date: 24/01/2020

**Program Schedule for “A Two Week Add-on Program on Artificial Intelligence”**

Duration	Program
<b>Day1: 27/01/2020</b>  10:00AM-12:40  1:30PM-3:30PM	Introduction to the Program Problem Solving using search
<b>Day2: 28/01/2020</b>  10:00AM-12:40  1:30PM-3:30PM	Predicate Logic
<b>Day3: 29/01/2020</b>  10:00AM-12:40  1:30PM-3:30PM	Planning
<b>Day4: 30/01/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Uncertainty in A.I
<b>Day5: 31/01/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Machine Learning
<b>Day6: 01/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Advanced Applications



**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**  
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



<b>Day7: : 03/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Computer Vision in AI
<b>Day8: : 04/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Artificial intelligence and Machine Learning
<b>Day9: : 05/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Google Computer vision
<b>Day10: : 06/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Data Scraping
<b>Day11: : 07/02/2020</b>  10:00AM-12:30  1:30PM-3:30PM	Data Scraping
<b>Day12:08-08-2022</b>  10:00AM-12:30  1:30PM-3:00PM	Data Mining and Educational data mining

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.





# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.


eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



## NAME OF THE PROGRAM: A TWO WEEK ADD ON PROGRAM ON ARTIFICIAL INTELLIGENCE STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR BRANCH	SIGNATURE
1.	16MD1A0202	ISUKAPATLA AJAYAKUMAR	IV - I	I. Ajaya Kumar
2.	16MD1A0204	MEKA SAIRAM	IV - I	M. Sairam
3.	16MD1A0205	MOHAMMAD SAMEENA	IV - I	m. sameena
4.	16MD1A0206	NAMMI BHANU DEEPIKA	IV - I	N. Bhanu Deepika
5.	16MD1A0207	SIRRA SANDEEP KUMAR	IV - I	S. S. Kumar
6.	16MD1A0208	THOTA RAJESH	IV - I	T. Rajesh
7.	17MD5A0201	BATCHALA SUMANTH	IV - I	B. Sumanth
8.	17MD5A0202	KANTIPUDI SAIKRISHNA	IV - I	K. Sai Krishna
9.	17MD5A0203	KOMALI SHARMILAH	IV - I	K. Sharmilah
10.	17MD5A0204	KOTHARU VAMSI KRISHNA	IV - I	K. Vamsi Krishna
11.	17MD5A0205	LANKA PAVAN KUMAR	IV - I	L. V. Pavan Kumar
12.	17MD5A0206	NAGALLA RAVI TEJA	IV - I	N. R. Teja
13.	17MD5A0207	SIDDA VEERA VENKATA MANIKANTA	IV - I	S. Veera Venkata Manikanta
14.	17MD5A0208	SURISSETTI SRAVANI	IV - I	S. Sravani
15.	15MD1A0201	AKKIREDDY JNANA JYOTHI	IV - I	A. J. Jyothi

  
COORDINATOR

  
PRINCIPAL  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



### DAY WISE ATTENDANCE SHEET

NAME OF THE PROGRAM : A TWO WEEK ADD ON PROGRAM ON ARTIFICIAL INTELLIGENCE

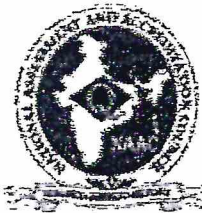
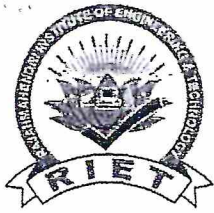
S.NO.	Regd.No.	Name of the student	27/1	28/1	29/1	30/1	31/1	1/2	3/2	4/2	5/2	6/2	7/2	8/2
1	16MD1A0202	ISUKAPATLA AJAYAKUMAR	P	P	P	P	P	P	P	P	P	P	P	P
2	16MD1A0204	MEKA SAIRAM	P	P	P	P	P	P	P	P	P	P	P	P
3	16MD1A0205	MOHAMMAD SAMEENA	P	P	P	P	P	P	P	P	P	P	P	P
4	16MD1A0206	NAMMI BHANU DEEPIKA	P	P	P	P	P	P	P	P	P	P	P	P
5	16MD1A0207	SIRRA SANDEEP KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
6	16MD1A0208	THOTA RAJESH	P	P	P	P	P	P	P	P	P	P	P	P
7	17MD5A0201	BATCHALA SUMANTH	P	P	P	P	P	P	P	P	P	P	P	P
8	17MD5A0202	KANTIPUDI SAIKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P
9	17MD5A0203	KOMALI SHARMILAH	P	P	P	P	P	P	P	P	P	P	P	P
10	17MD5A0204	KOTHARU VAMSI KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P
11	17MD5A0205	LANKA PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
12	17MD5A0206	NAGALLA RAVI TEJA	P	P	P	P	P	P	P	P	P	P	P	P
13	17MD5A0207	SIDDA VEERA VENKATA MANIKANTA	P	P	P	P	P	P	P	P	P	P	P	P
14	17MD5A0208	SURISSETTI SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P
15	15MD1A0201	AKKIREDDY JNANA JYOTHI	P	P	P	P	P	P	P	P	P	P	P	P

COORDINATOR

PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.





Date: 10-02-2020

**Program Report**

**Name of the Event:** A Two Week Add-on Program on Artificial Intelligence

**Date / Duration:** 27/01/2020 to 08/02/2020/ 10:00 A.M to 5:00 P.M.

**Resource Person:** Mr. Ch.Gopi,  
Assistant Professor,  
Dept.of CSE  
RIET, Rajahmundry

**Name of Coordinator:** Mr. P D SRINIVAS  
Assistant Professor, EEE

**Number of students attended:** 15

**Objective of the event:**

1. To introduce the basic concepts, theories and state-of-the-art techniques of artificial intelligence.
2. To introduce basic concepts and applications of machine learning.
3. Help students to learn the application of machine learning A. I algorithms in the different fields of science, medicine, finance etc.

**Topics Covered:**

- Introduction to AI
- Problem Solving using search
- Predicate Logic
- Planning
- Uncertainty in A.I
- Machine Learning
- Advanced Applications



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

*(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)*

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in)

Website: [www.rietrjy.co.in](http://www.rietrjy.co.in)

Ph: +91 91212 14413



### Outcome of the event:

1. Learn the fundamentals of AI.
2. Learn the foundation and terminology of Machine Learning.
3. Understand the current trends in AI.
4. Design and optimize the Neural Network Model.
5. Gain insights with python





## RESOURCE PERSON PROFILE


**Name of the Certificate Program: "A Two Week Add-on Program on Artificial Intelligence"**



**Name of the Resource Person: Mr. Ch. Gopi**

Ch. Gopi, is working as Assistant Professor of CSE, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram. He completed M.Tech(CSE) from Aditya Engineering college, Surampalem in 2016. He has Six years of academic experience. Beyond being an educated, He guided many students to navigate the complexities in computer science.

  
CO-ORDINATOR

  
PRINCIPAL  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**





RAJAMAHENDRI  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada,  
BHUPALAPATNAM, RAJAHMUNDRY - 533 107, E.G. Dist.  
E: [rajamahendri@rediffmail.com](mailto:rajamahendri@rediffmail.com) W: [www.rajamahendri.com](http://www.rajamahendri.com) P: +919121216415

## Participation Certificate


This is to certify that


Mr./Mrs./Ms. Sunilsetti, Sravani

has participated in

"A Two Week Program On Artificial Intelligence"

27/01/2020 to 08/02/2020

  
Mr. D. B. Chowdary  
HOD, Dept. of EEE

  
Dr. M. Murali Krishna  
Principal

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRY-593107, E.G. Dist.  
E: office@rajmahendri.edu.in W: www.rajmahendri.edu.in P: +91 9121114413

## Participation Certificate

This is to certify that

Mr./Mrs./Ms. Lanka. Daxankumar

has participated in

"A Two Week Program On Artificial Intelligence"

27/01/2020 to 08/02/2020

D. B. Chowdary  
Mr. D. B. Chowdary  
HOD, Dept. of. EEE

M. Murali Krishna  
Dr. M. Murali Krishna  
Principal

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107 E.G. Dist.





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in

Website: www.rietrjy.co.in

Ph: +91 91212 14413



Date:10-02-2020

### CIRCULAR

It is here by informed to all IVth B.Tech II-Sem ECE students that our college conducting A Two-Week Certificate Program on “Digital Signal Processing” on 17<sup>th</sup> February 2020 to 29<sup>th</sup> February 2020. All the students give their names to coordinator listed below on or before 14<sup>th</sup> February 2020. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET.

Coordinator : Mr. R. Srinivas, Assistant Professor, Dept .of ECE, RIET.

*H. Krishna*  
Principal

(Dr M.Murali Krishna)

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

Copy to :Secretary

Copy to :All HODs for circulation to Staff

Copy to : Admin. Office

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech.1stYear				-----	
B.Tech.2nd Year			<i>D. Jothi</i>	-----	-----
B.Tech.3rdYear	<i>Prof</i>		<i>g</i>	<i>m.m.</i>	-----
B.Tech.4thYear	<i>J</i> <i>C.S.</i>	<i>P.T.C.</i>	<i>R.K.</i>	<i>P.Kadav</i>	-----
ALLHOD'S	<i>8</i>		<i>lup</i>	<i>P. Dye</i>	<i>D. S. Prasad</i>
	-----	<i>R. Srinivas</i>	-----	<i>DES</i>	
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORTDEPT	LIBRARY	EXAM SECTION
<i>De</i>	<i>Q</i>	<i>Pragmeel</i>	<i>Prade</i>	<i>Sh</i>	<i>YK</i>



## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. M. Murali Krishna**

Principal, RIET

### Convener

**Mr. R. Srinivas**

Head of the Department  
Department of Electronics and Communication Engineering

Email id: [cinu02@gmail.com](mailto:cinu02@gmail.com)

### Co-ordinator

**Mr. R. Srinivas**

Associate Professor  
Department of Electronics and Communication Engineering

Mobile No: +91 9515825685

Email id: [cinu02@gmail.com](mailto:cinu02@gmail.com)

## A Two-Week Certificate Program on “Digital Signal Processing”

### REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:  
Station:

PRINCIPAL  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107, E.G.Dist.

HOD



## A Two-Week Certificate Program on “Digital Signal Processing”

*Schedule:*

17/02/2020 to 29/02/2020

*Venue: Seminar Hall*



Organized  
by  
Department of  
Electronics and Communication  
Engineering

**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING &  
TECHNOLOGY

Approved by AICTE, New Delhi Affiliated  
by JNTUK and Accredited by NAAC  
Bhoopalapatnam, RAJAMAHENDRAVARAM,  
AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the

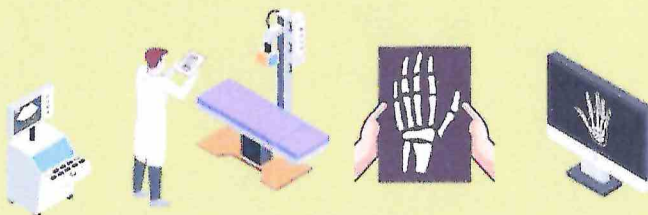
management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## About the Department

The Department of Electronics and Communication Engineering, Rajamahendri Institute of Engineering and Technology was established in the year 2008. The department of ECE has been known for its exceptionally strong Under-Graduate training programmes. Ranked among the prominent in East Godavari, the department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education.

## About the Program



- ❖ To study the image fundamentals and mathematical transforms necessary for image processing
- ❖ To study the image enhancement techniques.
- ❖ To study image restoration procedures.
- ❖ To study the image compression procedures.

## Topics to be Covered

### 1. Medical Image

- Medical Image Processing
- Computer Aided Diagnosis
- Computer Aided Detention

### 2. Natural Image (Object and Scene Image)

- Image Classification
- Image Segmentation
- Object Detection
- Object Recognition

## Resource Person

**Mr. K. Ravi Kumar**

Assistant Professor

Department of Electronics and Communication Engineering

Mobile No: +91 9010885474

Email id: [ravikothapalli222@gmail.com](mailto:ravikothapalli222@gmail.com)







# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



Date: 14-02-2020

### PROGRAM SCHEDULE

Program Schedule for A Two-Week Certificate Program on “Digital Signal Processing”.

Duration	Program
<b>Day1:</b> 17-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Introduction to Digital Signal Processing
<b>Day2:</b> 18-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Discrete-time signal & sequences ➤ Classification of discrete-time systems
<b>Day3:</b> 19-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Response of LTI systems to arbitrary inputs ➤ Review of Z-transforms
<b>Day4:</b> 20-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ System function
<b>Day5:</b> 21-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Properties of discrete Fourier series
<b>Day6:</b> 22-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ DFS representation of periodic sequences
<b>Day7:</b> 24-02- 2020 09:30AM- 12:50PM 01:30PM-03:50PM	➤ Properties of DFT
<b>Day8:</b> 25-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Linear filtering methods based on DFT
<b>Day9:</b> 26-02-2020 09:30AM-12:50M 01:30PM-03:50PM	➤ Butterworth and Chebyshev



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



<b>Day10:</b> 27-02-2020 09:30AM-12:50PM 01:30PM-03:50PM	➤ Basic structure of IIR systems
<b>Day11:</b> 28-02-2020 09:30AM-12:50PM 01:30PM-03:50PM	➤ Transposed forms
<b>Day12:</b> 29-02-2020 09:30AM-12:50PM 01:30PM-03:50PM	➤ Characteristics of FIR Digital Filters

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.



eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413

**NAME OF THE PROGRAM: A Two Week Add on Program on Digital signal processing**

### STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR BRANCH	SIGNATURE
1.	16MD1A0401	ADDALA VINAY KUMAR	IV-II	A. Vinay Kumar
2.	16MD1A0402	ADHIMULAM UDAY BHASKAR	IV-II	A. UDAY BHASKAR
3	16MD1A0403	ARAVA YAGHNA SATYA SIVA SAI SUNIL KUMAR	IV-II	A. Kumar
4.	16MD1A0404	ATTILI NANDANA SAI RATNAVALI	IV-II	A. A. S. Ratnavali
5.	16MD1A0405	BAVISETTI GOPI	IV-II	B. Gopi
6.	16MD1A0406	BEJAGAM LAKSHMISRAVYA	IV-II	B. Lakshmi Saranya
7.	16MD1A0407	BOBBADI RAJU	IV-II	B. Raju
8	16MD1A0408	BODDU PAVAN KUMAR	IV-II	B. Pavan Kumar
9	16MD1A0409	CHALAGALLA LIKHITHA	IV-II	C. Likhitha
10	16MD1A0410	CHANDRALA SANGEETH CHOWDARY	IV-II	C. S. Chowdary
11	16MD1A0411	CHENNA SUVARNA RATNAKUMARI	IV-II	C. S. Ratnakumari
12	16MD1A0412	CHITTALA VEERA VENKATA SAI SRI RAM	IV-II	C. V. V. S. S. Ram
13	16MD1A0413	EDUPUGANTI ANUSHA PUJA LAKSHMI DEVI	IV-II	E. Anusha Puja
14	16MD1A0414	GANNAMANI JAHNAVI RAVI LAKSHMI	IV-II	G. J. R. Lakshmi
15	16MD1A0415	GANTA VIJAYA KANTHI	IV-II	G. V. Kanthi
16	16MD1A0416	GUNDUMOGALU ANUSHA	IV-II	G. Anusha
17	16MD1A0422	KAPPALA DURGA PRASAD	IV-II	K. Durga Prasad
18	16MD1A0423	KASI DURGARAO	IV-II	K. Durgarao
19	16MD1A0424	KATHA GEETHA SRIVALLI	IV-II	K. G. Srivalli
20	16MD1A0425	KOLLAPU SANDHYA	IV-II	K. Sandhya
21	16MD1A0426	KOTHAPALLI DIVYA	IV-II	K. Divya
22	16MD1A0427	KUKUNURI GEETHIKA SUPRIYA	IV-II	K. G. Supriya
23	16MD1A0428	MAGANTI SIREESHA	IV-II	H. Sireesha
24	16MD1A0429	MANDAVALLI NAGA SAI DIVYA LAHARI	IV-II	M. N. Sai Divya Lahari
25	16MD1A0430	MATTA NAGA SAI KRISHNA	IV-II	M. Sai Krishna



# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



26	16MD1A0431	MIRTHIPATI NAGESWARA RAO	<u>IV - II</u>	M. Nageswara Rao
27	16MD1A0433	MOHAMMAD FAYAAZ HUSSAIN	<u>IV - II</u>	Hussain
28	16MD1A0434	MULAKALURI KRISHNA CHAITANYA	<u>IV - II</u>	M. K. Chaitanya
29	16MD1A0435	NAGUBANDI V V S VINAY KUMAR	<u>IV - II</u>	V.V. Kumar
30	16MD1A0436	NAKKA VIJAYA LAKSHMI	<u>IV - II</u>	N.V. Lakshmi
31	16MD1A0437	PATTU SARATH CHANDRA MOULI	<u>IV - II</u>	P. S. Chandra
32	16MD1A0438	POLINA LAXMI SAI PRIYANKA	<u>IV - II</u>	P. L. S. Priyanka
33	16MD1A0439	PURAE GOWTHAM RAM	<u>IV - II</u>	P. G. Ram
34	16MD1A0440	SHEIK ENOSH RAJ	<u>IV - II</u>	S. E. Raj
35	16MD1A0443	SINGAVARAPU DEEPTHI	<u>IV - II</u>	S. Deepthi
36	16MD1A0444	SUNDARA PRIYANKA	<u>IV - II</u>	S. Priyanka
37	16MD1A0445	SUTHAPALLI HEMA LAXMI VEERA RAGHAVA	<u>IV - II</u>	S. Raghava
38	16MD1A0446	TALLAPUREDDY MANIKANTA	<u>IV - II</u>	T. Manikanta
39	16MD1A0447	TANETI SONIYA	<u>IV - II</u>	T. Soniya
40	16MD1A0448	VELAVALAPALLI HEMA SAI BHANU LAKSHMISRI	<u>IV - II</u>	V. H. S. B. Lakshmisri
41	16MD1A0449	VELIGATLA SRILEKHA	<u>IV - II</u>	V. Srilekha

COORDINATOR

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





## DAY WISE ATTENDANCE SHEET

**NAME OF THE PROGRAM : A TWO WEEK ADD ON PROGRAM ON DIGITAL SIGNAL PROCESSING**

[illegible]



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



20	16MD1A0425	KOLLAPU SANDHYA	P	P	P	P	P	P	P	P	P	P	P
21	16MD1A0426	KOTHAPALLI DIVYA	P	P	P	P	P	P	P	P	P	P	P
22	16MD1A0427	KUKUNURI GEETHIKA SUPRIYA	P	P	P	P	P	P	P	P	P	P	P
23	16MD1A0428	MAGANTI SIREESHA	P	P	P	P	P	P	P	P	P	P	P
24	16MD1A0429	MANDAVALLI NAGA SAI D LAHARI	P	P	P	P	P	P	P	P	P	P	P
25	16MD1A0430	MATTA NAGA SAI KRISHNA	P	P	P	P	P	P	P	P	P	P	P
26	16MD1A0431	MIRTHIPATI NAGESWARA RAO	P	P	P	P	P	P	P	P	P	P	P
27	16MD1A0433	MOHAMMAD FAYAAZ HUSSAIN	P	P	P	P	P	P	P	P	P	P	P
28	16MD1A0434	MULAKALURI KRISHNA CHAITANYA	P	P	P	P	P	P	P	P	P	P	P
29	16MD1A0435	NAGUBANDI V V S VINAY KUMAR	P	P	P	P	P	P	P	P	P	P	P
30	16MD1A0436	NAKKA VIJAYA LAKSHMI	P	P	P	P	P	P	P	P	P	P	P
31	16MD1A0437	PATTU SARATH CHANDRA MOULI	P	P	P	P	P	P	P	P	P	P	P
32	16MD1A0438	POLINA LAXMI SAI PRIYANKA	P	P	P	P	P	P	P	P	P	P	P
33	16MD1A0439	PURAE GOWTHAM RAM	P	P	P	P	P	P	P	P	P	P	P
34	16MD1A0440	SHEIK ENOSH RAJ	P	P	P	P	P	P	P	P	P	P	P
35	16MD1A0443	SINGAVARAPU DEEPTHI	P	P	P	P	P	P	P	P	P	P	P
36	16MD1A0444	SUNDARA PRIYANKA	P	P	P	P	P	P	P	P	P	P	P
37	16MD1A0445	SUTHAPALLI H L VEERA RAGHAVA	P	P	P	P	P	P	P	P	P	P	P
38	16MD1A0446	TALLAPUREDDY MANIKANTA	P	P	P	P	P	P	P	P	P	P	P
39	16MD1A0447	TANETI SONIYA	P	P	P	P	P	P	P	P	P	P	P
40	16MD1A0448	VELAVALAPALLI H S B LAKSHMISRI	P	P	P	P	P	P	P	P	P	P	P
41	16MD1A0449	VELIGATLA SRILEKHA	P	P	P	P	P	P	P	P	P	P	P

  
COORDINATOR

  
PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.





Date: 03-03-2020

### PROGRAM REPORT

**Name and Title of the Program:** A Two-Week Certificate Program on “Digital Signal Processing”.

**Date & Time:** 17-02-2020 to 29-02-2020 & 10:00 AM to 5:00 PM.

**Resource Person:** Mr. K. Ravi Kumar, Assistant Professor, RIET.

**Name of The Coordinator:** Mr. R. Srinivas, Assistant Professor, ECE

**Objectives of the Program:**

The student will be able to:

1. Analyze the discrete-time signals and systems in time and frequency domains.
2. Know the importance of FFT algorithm for computation of Discrete Fourier Transform Understand the various implementations of digital filter structures.
3. Learn the FIR and IIR Filter design procedures.
4. Learn the concepts of DSP Processors.

**Out Comes of the Program:**

The student will be able to :

1. Formulate engineering problems in terms of DSP operations.
2. Analyze digital signals and systems.
3. Analyze discrete time signals in frequency domain.
4. Design digital filters and implement with different structures.
5. Understand the key architectural.

**No. of Participants:**41




**RESOURCE PERSON PROFILE**

**Name of the Certificate Program:** A Two-Week Certificate Program on “Digital Signal Processing”.



**Name of the Resource Person: Mr. K. Ravi Kumar**

He completed M.Tech in ECE at JNTUK, 8 years of excellent teaching skills in relevant subjects. His area of specialization on Digital Signal Processing and Best Knowledge in (DSP). Senior Faculty as an Assistant Professor in the Electronics and Communication Engineering Department is a distinguished position that encompasses advanced teaching, significant research contributions, and leadership within the academic community.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.

  
Coordinator





RAJAMAHENDRI  
INSTITUTE OF ENGINEERING & TECHNOLOGY  
(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)  
BHUPALAPATNAM, RAJAHMUNDRY - 533 107, E.G. Dist.  
E: office@rietn.co.in W: www.rietn.co.in P: +91 9121214413


## Participation Certificate

This is to certify that


Mr./Mrs./Ms. GRUNDUMO GAZD, ANUSHA

has participated in

An Add-On Two Week Certificate Program On "Digital Signal Processing"  
17/02/2020 to 29/02/2020

  
Mr. R. Srinivas  
HOD, Dept. of. ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAHMENDRAVARAM-533 107, E.G. Dist.

  
Dr. M. Murali Krishna  
Principal





(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J. N. T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDRY-533 107, E.G. Dist

E: [office@rajmahendry.ac.in](mailto:office@rajmahendry.ac.in)

W: [www.rajmahendry.ac.in](http://www.rajmahendry.ac.in)

P: +91 9121214413

## Participation Certificate


This is to certify that

Mr./Mrs./Ms. MAGANTI SIREESHA

has participated in

An Add-On Two Week Certificate Program On "Digital Signal Processing"

17/02/2020 to 29/02/2020

  
Mr. R. Srinivas  
HOD, Dept. of ECE

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107 E.G. Dist.

  
Dr. M. Murali Krishna  
Principal





Date: 24-02-2020

### CIRCULAR

It is here by informed to all II B.Tech I-Sem CSE A & B students that our college conducting **A Two-Week Certificate Program on “DevOps and Continuous Integration/Continuous Deployment(CI/CD)”** on 2<sup>nd</sup> March 2020 to 14<sup>th</sup> March 2020. All the students give their names to coordinator listed below on or before 28<sup>th</sup> February 2020. Hence all the students here by informed to attend the classes with out fail.

**Venue:** Seminar Hall, RIET

**Coordinator:** Mrs.A. Joshmary, Asst. Prof, Dept. of CSE, RIET.

  
Principal

(Dr .M. Murali Krishna )






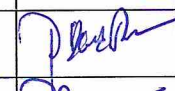

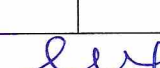
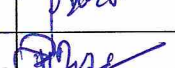



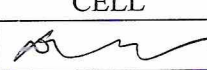
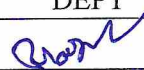


Copy to: Secretary

Copy to: All HODs for circulation to Staff

Copy to: Admin .Office

Copy to: Library

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. 1stYear				-----	
B.Tech.2ndYear					-----
B.Tech. 3rdYear					-----
B.Tech.4thYear					-----
ALL HOD'S					
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT	LIBRARY	EXAM SECTION
					



## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. M. Murali Krishna**

Principal, RIET

### Convener

**Dr. R. Rambabu Reddy**

Head of the Department,  
Department of Computer Science and Engineering,

Email id: [csc.hod@rietrv.co.in](mailto:csc.hod@rietrv.co.in)

### Co-ordinator

**Mrs. A. Josh Mary**

Assistant Professor,  
Department of Computer Science and Engineering

Mobile No: +91 9491191750

Email id: [joshanukula@gmail.com](mailto:joshanukula@gmail.com)

## A Two-Week Certificate Program on

# "DevOps and Continuous Integration/Continuous Deployment (CI/CD)"

## REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:

Station:

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
RAJAMAHENDRAVARAM-533 107, C.C. St.

HOD



## A Two-Week Certificate Program on

# "DevOps and Continuous Integration/Continuous Deployment (CI/CD)"

**Schedule:**

**02-03-2020 to 14-03-2020**

**Venue: Seminar Hall**



**Organized**

**by**

**Department of  
Computer Science and Engineering**

**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING &  
TECHNOLOGY**

**Approved by AICTE, New Delhi Affiliated**

**by JNTUK and Accredited by NAAC**

**Bhoopalapatnam, RAJAMAHENDRAVARAM,**

**AP, 533107.**



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced

technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



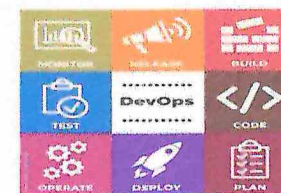
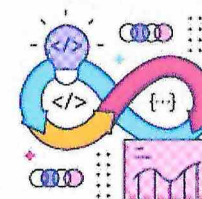
## About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc.

Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence

etc. through workshops, guest lectures, seminars by industry experts and professionals.

## About the Program



DevOps is a set of practices and principles that aim to improve and streamline software development and IT operations by fostering collaboration and communication between development and operations teams. It involves the automation of processes, the use of tools for continuous integration and continuous delivery (CI/CD), and a focus on cultural and organizational changes. The main objectives of DevOps are to increase the speed of software delivery, improve the quality and reliability of software, and enhance collaboration among development and operations teams. DevOps plays a crucial role in modern software development, enabling organizations to deliver software faster and more reliably while maintaining a strong focus on quality and customer satisfaction.

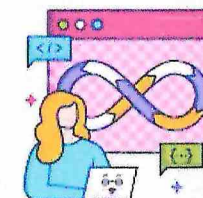
## Resource Person

**Ms. N. Sindhuri**

Associate Professor,  
Department of Computer  
Science and Engineering,

Mobile No: +91 9948416724

Email id: [sindhuri532@gmail.com](mailto:sindhuri532@gmail.com)







Date: 28-02-2020

**Program Schedule for A Two-Week Certificate Program “DevOps and Continuous Integration/Continuous Deployment (CI/CD)”**

Duration	Program
<b>Day1:</b> 02-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Introduction to DevOps and CI/CD:</b> <ul style="list-style-type: none"><li>• Introduction to DevOps and its importance.</li><li>• Overview of CI/CD and its role in the software development lifecycle.</li><li>• Tools and technologies used in DevOps and CI/CD.</li></ul>
<b>Day2:</b> 03-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Version Control with Git:</b> <ul style="list-style-type: none"><li>• Git fundamentals and basic commands.</li><li>• Setting up a Git repository.</li><li>• Working with branches and merging.</li></ul>
<b>Day3:</b> 04-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Continuous Integration (CI):</b> <ul style="list-style-type: none"><li>• Understanding the CI process.</li><li>• Setting up a CI server (e.g., Jenkins, Travis CI).</li><li>• Building and testing code automatically.</li></ul>
<b>Day4:</b> 05-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Introduction to Docker:</b> <ul style="list-style-type: none"><li>• What is Docker and why it's important in DevOps.</li><li>• Creating and running Docker containers.</li><li>• Container orchestration (e.g., Docker Compose).</li></ul>
<b>Day5:</b> 06-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Containerization in CI/CD:</b> <ul style="list-style-type: none"><li>• Using Docker in the CI/CD pipeline.</li><li>• Creating Docker images for applications.</li><li>• Pushing Docker images to a registry (e.g., Docker Hub).</li></ul>
<b>Day6:</b> 07-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Introduction to Continuous Deployment (CD):</b> <ul style="list-style-type: none"><li>• Understanding the CD process.</li><li>• Creating deployment pipelines.</li><li>• Automated deployment strategies.</li></ul>
<b>Day7:</b> 09-03-2020 09:15AM-12:30PM 01:30PM-03:30PM	<b>Configuration Management with Ansible:</b> <ul style="list-style-type: none"><li>• Introduction to Ansible and its role in configuration management.</li><li>• Writing Ansible playbooks.</li><li>• Managing server configurations.</li></ul>





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY


(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



09:15AM-12:30PM 01:30PM-03:30PM	supply chain, healthcare, etc.) <ul style="list-style-type: none"><li>• Case studies and success stories</li><li>• Challenges and limitations</li></ul>
<b>Day8:</b> 25-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Tokenization and Initial Coin Offerings (ICOs):</b> <ul style="list-style-type: none"><li>• Tokenization explained</li><li>• ICOs and fundraising through blockchain</li><li>• Regulatory considerations</li></ul>
<b>Day9:</b> 26-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain Security:</b> <ul style="list-style-type: none"><li>• Common security threats and vulnerabilities</li><li>• Best practices for securing blockchain networks</li></ul>
<b>Day10:</b> 27-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Decentralized Applications (DApps):</b> <ul style="list-style-type: none"><li>• Introduction to DApps</li><li>• Building a simple DApp</li><li>• Deploying and interacting with DApps</li></ul>
<b>Day11:</b> 28-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain and the Future:</b> <ul style="list-style-type: none"><li>• Exploring emerging trends in blockchain technology</li><li>• Discussion on scalability and interoperability</li><li>• Ethical and legal considerations in blockchain</li></ul>
<b>Day12:</b> 29-06-2019 09:15AM-12:30PM 01:30PM-02:00PM	<b>Final Projects and Presentation:</b> <ul style="list-style-type: none"><li>• Group or individual projects related to blockchain</li><li>• Presentation and demonstration of projects</li><li>• Evaluation and feedback</li></ul>

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



**NAME OF THE PROGRAM : A Two Week Certificate Program on DevOps and Continuous Integration/Continuous Deployment (CI/CD)**

### STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR/ BRANCH	SIGNATURE
1.	18MD1A0501	ARAVA GAYATHRI	II - II	A. Gayathri
2.	18MD1A0502	ADABALA MANIKANTA KUMARI	II - II	A.M. Kumari
3	18MD1A0503	ADAPA DEVI SARANYA	II - II	A. Devi Saranya
4.	18MD1A0504	ADARI CHETHANA	II - II	A. chethana
5.	18MD1A0505	ADDAGARLA DURGA SRI RAMYA	II - II	A.D.S. Ramya
6.	18MD1A0506	ADILAKSHMI KADIYAM	II - II	K. Adilakshmi
7.	18MD1A0507	ATTILI ROHITHA	II - II	A. Rohitha
8	18MD1A0508	BOPPANA HARI PRIYA	II - II	B.H. Priya
9	18MD1A0509	BORUSU SRINAGADURGA	II - II	B. Srinagadurga
10	18MD1A0510	CHITTURI DEVI SAHITHI	II - II	Ch. Devi Sahithi
11	18MD1A0511	CHOUTIPALLI SAI GOWTHAMI	II - II	Ch. Saigowthami
12	18MD1A0512	DEVISREE KONDAPALLI	II - II	K. Devisree
13	18MD1A0513	DHULIPALA SRILASYA	II - II	D. Sri Lasya
14	18MD1A0514	DUGGIRALA TEJA SUBHASHINI	II - II	D.T. Subhashini
15	18MD1A0515	DULAM VINEELA	II - II	D. Vineela
16	18MD1A0516	JUTTA MAHIMA RANI	II - II	J. mahima rani
17	18MD1A0517	KAKARA DIVYA BHARGAVI	II - II	K. Bhargavi
18	18MD1A0518	KALABATTULA JYOSHNASRI	II - II	K. Jyoshnasri
19	18MD1A0519	KANCHARLA SRI LAKSHMI RATNA BHAVYA	II - II	K. jyoshnasri
20	18MD1A0520	KANDUKURI LAKSHMI SAI NAGA SWETHA	II - II	K.L.S.N. Swetha
21	18MD1A0521	KARUTURI RAMYA SATYA SAI SINDHUJA	II - II	K.R.M.S. Sai Sindhuja
22	18MD1A0522	KONA SHALINI	II - II	K. shalini
23	18MD1A0523	KROVVIDI DEVI MANASA SANJATHA	II - II	K. shalini
24	18MD1A0524	LANKALAPALLI SAI DEVIKA	II - II	L.S. Devika





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



25	18MD1A0525	MADDUKURI VAISHNAVI DEVI	II - II	M.V. Devi
26	18MD1A0526	MADDIREDDY SRI PRANITHAVYA	II - II	M.S. Pranithavya
27	18MD1A0527	MOHAMMAD YASMIN	II - II	M. Yasmin
28	18MD1A0528	MORTHA GRACE CATHERENE	II - II	M. Grace Catherine
29	18MD1A0529	MUTHANGI VENKATA SUPRIYA	II - II	M. Venkata Supriya
30	18MD1A0531	NAKKA NAGA LAKSHMI	II - II	M.N. Lakshmi
31	18MD1A0532	NAMBURI BHAGYA SURYA SAVITRI	II - II	N.B. S. Savitri
32	18MD1A0533	NARALASETTI BHAGYA SRI	II - II	N.B. Sri
33	18MD1A0534	NARKIDIMILLI DURGA LALITHA	II - II	N.D. Lalitha
34	18MD1A0535	NUDURUMATI KASI ANNAPURNA	II - II	N.K. Annapurna
35	18MD1A0536	PALISETTI SATYA SRI DURGA	II - II	P. SATYA SRI DURGA
36	18MD1A0537	PALURI SAI DEVI	II - II	P. Saidevi
37	18MD1A0538	PEPAKAYALA YAMINI V V L TRIVENI	II - II	P.Y.V.V.L. Triveni
38	18MD1A0539	PEESAPATI APARNA	II - II	P. Aparna
39	18MD1A0540	PINASIMHAM SAI LAKSHMI RAMYA	II - II	P.S.L. Ramya
40	18MD1A0556	ADDAGARLA SAI	II - II	A. Sai
41	18MD1A0557	ALUPANA RAMKARTHIK REDDY	II - II	A.R. Reddy
42	18MD1A0558	ANNAMDEVULA NARENDRA BABU	II - II	A.N. Babu
43	18MD1A0559	BAJANA VEERA VENKAT	II - II	B.V. Venkat
44	18MD1A0560	BOLLIPO MOULI BHASWANTH	II - II	B.M. Bhaswanth
45	18MD1A0561	BORUSU SRI PAVAN TEJ	II - II	B.S.P. Tej
46	18MD1A0562	CHANAPATHI LEELA S SAI MURALI KRISHNA	II - II	C.L.S. S. Murali Krishna
47	18MD1A0564	DASARI JAYA SANKAR	II - II	D.J. SHANKAR
48	18MD1A0565	DUPPADA SANDEEP KUMAR	II - II	D.S. Kumar
49	18MD1A0566	ERANKI SAI SANTOSH KUMAR	II - II	E.S.S. Kumar
50	18MD1A0567	GANNAVARAPU VENKATA SURYA SAI TEJA	II - II	G.V.S. Sai Teja
51	18MD1A0568	GUTHULA NAGA KANAKA SAI	II - II	G. Naga kanaka sai
52	18MD1A0569	GUTHULA YASWANATH KUMAR	II - II	G.Y. Kumar
53	18MD1A0570	KADARI VEERA BABU	II - II	K. VEERA BABU



# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



54	18MD1A0571	KANCHERLA VISHNU VARDHAN	<u>II-II</u>	K.v. vardhan
55	18MD1A0572	KANDIVALASA SAI TEJA	<u>II-II</u>	K. Sai Teja
56	18MD1A0573	KARRI PAVAN KUMAR	<u>II-II</u>	K. P. KUMAR
57	18MD1A0574	KONDEPARTHI KRISHNA SAI	<u>II-II</u>	K. Krishnesai
58	18MD1A0575	KUCHIPUDI L S C SRIRAM LOKESH	<u>II-II</u>	L.S.C.S. Lokesh
59	18MD1A0576	MADDULA MANIKANTA LOKESH	<u>II-II</u>	M.M. Lokesh
60	18MD1A0577	MATTA UDARAJU	<u>II-II</u>	M. Udamani
61	18MD1A0578	MEKA LAKSHMAN	<u>II-II</u>	M. Lakshman
62	18MD1A0579	MENDU SURYA VAMSI	<u>II-II</u>	M.S. Vamsi
63	18MD1A0580	MERAPUREDDY YASWANTH	<u>II-II</u>	M. Yaswanth
64	18MD1A0590	RYALI BALA MURALI KRISHNA	<u>II-II</u>	R. B. Murali Krishna
65	18MD1A0591	SHAIK BADEMIYA	<u>II-II</u>	Sk. Bademiya
66	18MD1A0592	SUNDARA SAI RAM PAVAN KUMAR	<u>II-II</u>	S. S. R. Pavan Kumar
67	18MD1A0593	SUNKARA HEMANTH SAI VENKATESH	<u>II-II</u>	P. Venkatesh
68	18MD1A0594	SUNNAM TEJA	<u>II-II</u>	S. Teja
69	18MD1A0595	TEEGELA VENKATA SAI SAKSHAY	<u>II-II</u>	S. Sai Sakshay
70	18MD1A0596	TUPAKULA AYYAPPA SWAMY	<u>II-II</u>	S. Swamy
71	18MD1A0597	VAMSI KIRAN KUPPULA	<u>II-II</u>	V. K. Kuppula
72	18MD1A0598	YELUBANDI JAYA SHANKAR	<u>II-II</u>	V. Shankar

*Hoshman*  
COORDINATOR

*n. Ash*  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.







BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

[illegible]





**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**

**eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413**

[illegible]



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



64	18MD1A0590	RYALI BALA MURALI KRISHNA	P	P	P	P	P	P	P	P	P	P	P
65	18MD1A0591	SHAIK BADEMIYA	P	P	P	P	P	P	P	P	P	P	P
66	18MD1A0592	SUNDARA SAI RAM PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P
67	18MD1A0593	SUNKARA HEMANTH SAI VENKATESH	P	P	P	P	P	P	P	P	P	P	P
68	18MD1A0594	SUNNAM TEJA	P	P	P	P	P	P	P	P	P	P	P
69	18MD1A0595	TEGELA V S S AKSHAY	P	P	P	P	P	P	P	P	P	P	P
70	18MD1A0596	TUPAKULA AYYAPPA SWAMY	P	P	P	P	P	P	P	P	P	P	P
71	18MD1A0597	VAMSI KIRAN KUPPULA	P	P	P	P	P	P	P	P	P	P	P
72	18MD1A0598	YELUBANDI JAYA SHANKAR	P	P	P	P	P	P	P	P	P	P	P

*Hoshmary*  
COORDINATOR

*H. A. K.*  
PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM, E.G. Dist.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.





18-03-2020

### PROGRAM REPORT

Name and Title of the Program: **A Two-Week Certificate Program “DevOps and Continuous Integration/Continuous Deployment (CI/CD)”**

**Course of Duration:** 02-03-2020 to 14-03-2020

**Objectives of the Program:**

1. Understanding DevOps principles and fostering collaboration.
2. Creating CI/CD pipelines for automated software delivery.
3. Enabling efficient code integration and rapid, reliable deployment.
4. Ensuring consistent environments and implementing monitoring and feedback.
5. Integrating security practices (DevSecOps).
6. Reducing infrastructure costs and enhancing collaboration.
7. Cultivating a culture of continuous improvement.
8. Providing practical, real-world experience.
9. Advancing participants' careers.

**Out Comes of the Program:**

The outcomes of a DevOps and CI/CD program include streamlined software development, efficient deployment, improved collaboration, consistent and reproducible environments, continuous monitoring and feedback, enhanced security, cost optimization, a culture of improvement, practical application skills, career advancement, adaptability to industry trends, and organizational performance enhancement. These outcomes lead to faster, more reliable, and cost-effective software development, improved security, and a collaborative and adaptable organizational culture.

**No. of Participants: 72**



# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



## RESOURCE PERSON PROFILE

**Name of the certificate program:** An add on 2 week certificate program on “DevOps and Continuous Integration/Continuous Deployment(CI/CD)”



**Name of the Resource Person:** Ms N. Sindhuri.

She completed M.Tech in Computer Science and Engineering and technology at Jawaharlal Nehru Technological University and B.Tech in Aditya Engineering college, 7 years of excellent teaching skills in Software Engineering and Programming Languages. Assistant professor in the Computer Science and Engineering Department and she chaired the technical sessions held in college, significant research contributions, and leadership within the academic community. Beyond being an educator, she is Dependable, responsible, contributor to excellence and success.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

  
Coordinator

(Signature)





**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING & TECHNOLOGY**



(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDY - 533 107, E.G. Dist.

E: [office@rajmahendri.co.in](mailto:office@rajmahendri.co.in)

W: [www.rajmahendri.co.in](http://www.rajmahendri.co.in)

P: +91 9121214413

**Participation Certificate**

This is to certify that


Mr./Mrs./Ms. <sup>✓</sup> DULAM VINEELA.

has participated in

A Two-Week Certificate Program on "DevOps and Continuous Integration/Continuous  
Deployment (CI/CD)"

02-03-2020 to 14-03-2020

  
Dr. R. Rambabu  
HOD, Dept. of CSE

  
Dr. M. Murali Krishna  
Principal

  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.





**RAJAMAHENDRI**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**

(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDY - 533 107, E.G. Dist.

E: [office@rietraj.co.in](mailto:office@rietraj.co.in)

W: [www.rietraj.co.in](http://www.rietraj.co.in)

P: +91 9121214413



## Participation Certificate

This is to certify that

✓  
Mr./Mrs./Ms. ADABALA MANIKANTA KUMARI

has participated in

A Two-Week Certificate Program on "DevOps and Continuous Integration/Continuous Deployment (CI/CD)"

02-03-2020 to 14-03-2020

Dr. R. Rambabu  
HOD, Dept. of CSE

Dr. M. Murali Krishna  
Principal

PRINCIPAL  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHUPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107, E.G. Dist.





**List of Certificates/ Add on programs**

Academic Year- 2019-20

S.No	Name of the Program	Duration of Course	No. of Participants
1.	A Two-Week Certificate Program on " <b>Block Chain Technologies: Revolutionizing the future of Trust and Decentralization</b> "	17-06-2019 to 29-06-2019	77
2.	A Two-Week Certificate Program on " <b>Internet of Things</b> "	01-07-2019 to 13-07-2019	36
3.	A Two-Week Certificate Program on " <b>VLSI Technologies</b> "	18-11-2019 to 30-11-2019	57
4.	A Two-Week Certificate Program on " <b>Mastering DataScience: From Raw to Informed Decisions</b> "	02-12-2019 to 14-12-2019	71
5.	A Two-Week Certificate Program on " <b>Manufacturing Technology</b> "	23-12-2019 to 04-01-2020	134
6.	A Two Add-on Program on " <b>Artificial Intelligence</b> "	27-01-2020 to 08-02-2020	15
7.	A Two-Week Certificate Program on " <b>Digital Signal Processing</b> "	17-02-2020 to 29-02-2020	41
8.	A Two-Week Certificate Program on " <b>Devops and Continuous Integration/Continuous Development(CI/CD)</b> "	02-03-2020 to 14-03-2020	72



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrjy.co.in

Website: www.rietrjy.co.in

Ph: +91 91212 14413



Date: 10-06-2019

### CIRCULAR

It is here by informed to all IV B.Tech I-Sem CSE A & B students that our college conducting “A Two-Week Certificate Program on Blockchain Technologies : Revolutionizing the Future of Trust and decentralization” on 17<sup>th</sup> June 2019 to 29<sup>th</sup> June 2019. All the students give their names to coordinator listed below on or before 14<sup>th</sup> June 2019. Hence all the students here by informed to attend the classes without fail.

**Venue:** Seminar Hall, RIET

**Coordinator:** Mr Ch. Gopi Assistant Professor, Dept. of CSE, RIET.

U

Principal

(Dr.V. Lakshmi Narayana)

Copy to: Secretary

Copy to: All HODs for circulation to Staff

Copy to: Admin. Office

Copy to: Library

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. 1st Year				-----	
B.Tech. 2nd Year				-----	-----
B.Tech. 3rd Year			Bl		-----
B.Tech. 4th Year	Peeu	P. S. C.	Bl	P. S. C.	-----
ALL HOD'S			lup	P. S. C.	Dr. P. S. C.
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION



## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana**

Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao**

Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas**

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. V. Lakshmi Narayana**

Principal, RIET

### Convener

**Dr. R. Rambabu Reddy**

Head of the Department,  
Department of Computer Science and Engineering,  
Email id: [cse.hod@rietjy.co.in](mailto:cse.hod@rietjy.co.in)

### Co-ordinator

**Mr. Ch. Gopi**

Assistant Professor,  
Department of Computer Science and Engineering  
Mobile No: +91 8179300991  
Email id: [chindada.gopi@gmail.com](mailto:chindada.gopi@gmail.com)

## A Two-Week Certificate Program on

## “Blockchain Technologies:”

Revolutionizing the Future of Trust and Decentralization

### REGISTRATION FORM

1. Name of the Participant:
2. Class:
3. Roll Number:
4. Academic Year:
5. Branch:
4. Phone Number:
5. Email ID:
6. Address for Communication:
7. Signature of Participant:
8. Signature of class teacher:
9. Remarks (if any):

Date:

Station:

**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G.Dist.**

HOD



## A Two-Week Certificate Program on

## “Blockchain Technologies:”

Revolutionizing the Future of Trust and Decentralization

*Schedule:*

**17-06-2019 to 29-06-2019**

*Venue: Seminar Hall*



**Organized**

**by**

**Department of**

**Computer Science and Engineering**

**RAJAMAHENDRI**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, New Delhi Affiliated

by JNTUK and Accredited by NAAC

Bhoopalapatnam, RAJAMAHENDRAVARAM,

AP, 533107.



## About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge.

The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced

technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



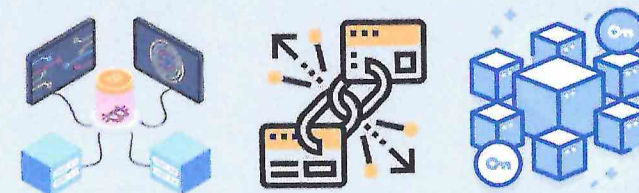
## About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc.

Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial

intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

## About the Program



Block-chain technology is a decentralized and secure digital ledger that records transactions and data in a transparent and immutable manner. Key features include decentralization, security through cryptography, consensus mechanisms, transparency, and smart contracts. Block-chain has diverse applications in finance, supply chain, healthcare, and more. Challenges like scalability and regulatory considerations are actively addressed. Block-chain has the potential to revolutionize industries, increase security, and enhance trust and efficiency in various processes. Its adoption and innovation continue to shape the digital future.

## Resource Person

**Mrs G. Swarna Latha**

Associate Professor,  
Department of Computer Science  
and Engineering,

Mobile No: +91 9440894420,

Email id: [dasariswarnaprasad@gmail.com](mailto:dasariswarnaprasad@gmail.com)







# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.  
eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413



Date: 14-06-2019

## PROGRAM SCHEDULE

Program Schedule for “A Two-Week Certificate Program on “Block chain Technologies : Revolutionizing the Future of Trust and Decentralization”

Duration	Program
<b>Day1:</b> 17-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Introduction to Blockchain:</b> <ul style="list-style-type: none"><li>• Definition of blockchain technology</li><li>• Historical context and evolution</li></ul>
<b>Day2:</b> 18-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain Architecture:</b> <ul style="list-style-type: none"><li>• Exploring blockchain structure</li><li>• Public vs. private blockchains</li><li>• Peer-to-peer networks in blockchain</li></ul>
<b>Day3:</b> 19-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Cryptography in Blockchain:</b> <ul style="list-style-type: none"><li>• Fundamentals of blockchain cryptography</li><li>• Public and private keys</li><li>• Digital signatures and hash functions</li></ul>
<b>Day4:</b> 20-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain Transactions:</b> <ul style="list-style-type: none"><li>• How transactions work in a blockchain</li><li>• Transaction validation and confirmation</li><li>• Double-spending problem and its solution</li></ul>
<b>Day5:</b> 21-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain Consensus Mechanisms:</b> <ul style="list-style-type: none"><li>• Understanding consensus algorithms (e.g., Proof of Work, Proof of Stake)</li><li>• Practical exercises on consensus</li></ul>
<b>Day6:</b> 22-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Smart Contracts and Ethereum:</b> <ul style="list-style-type: none"><li>• Introduction to smart contracts</li><li>• Ethereum as a smart contract platform</li><li>• Writing and deploying a simple smart contract</li></ul>
<b>Day7:</b> 24-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Use Cases of Blockchain:</b> <ul style="list-style-type: none"><li>• Real-world applications of blockchain (finance, supply chain, healthcare, etc.)</li><li>• Case studies and success stories</li><li>• Challenges and limitations</li></ul>



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietjy.co.in](mailto:office@rietjy.co.in) Website: [www.rietjy.co.in](http://www.rietjy.co.in) Ph: +91 91212 14413



<b>Day7:</b> 24-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Use Cases of Blockchain:</b> <ul style="list-style-type: none"><li>• Real-world applications of blockchain (finance, supply chain, healthcare, etc.)</li><li>• Case studies and success stories</li><li>• Challenges and limitations</li></ul>
<b>Day8:</b> 25-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Tokenization and Initial Coin Offerings (ICOs):</b> <ul style="list-style-type: none"><li>• Tokenization explained</li><li>• ICOs and fundraising through blockchain</li><li>• Regulatory considerations</li></ul>
<b>Day9:</b> 26-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain Security:</b> <ul style="list-style-type: none"><li>• Common security threats and vulnerabilities</li><li>• Best practices for securing blockchain networks</li></ul>
<b>Day10:</b> 27-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Decentralized Applications (DApps):</b> <ul style="list-style-type: none"><li>• Introduction to DApps</li><li>• Building a simple DApp</li><li>• Deploying and interacting with DApps</li></ul>
<b>Day11:</b> 28-06-2019 09:15AM-12:30PM 01:30PM-03:30PM	<b>Blockchain and the Future:</b> <ul style="list-style-type: none"><li>• Exploring emerging trends in blockchain technology</li><li>• Discussion on scalability and interoperability</li><li>• Ethical and legal considerations in blockchain</li></ul>
<b>Day12:</b> 29-06-2019 09:15AM-12:30PM 01:30PM-02:00PM	<b>Final Projects and Presentation:</b> <ul style="list-style-type: none"><li>• Group or individual projects related to blockchain</li><li>• Presentation and demonstration of projects</li><li>• Evaluation and feedback</li></ul>

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.





# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.



eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

NAME OF THE PROGRAM : A Two Week Certificate Program on Blockchain Technologies:  
Revolutionizing the Future of Trust and Decentralization

### STUDENTS LIST

S.NO	REDG. NO.	NAME OF THE STUDENT	YEAR/ BRANCH	SIGNATURE
1.	16MD1A0501	ADAPA SAI VAMSI KRISHNA	IV-I	A.S.V. Krishna
2.	16MD1A0502	ADDALA SUMA	IV-I	A. Suma
3	16MD1A0504	AHUJA HEENA	IV-I	A. Heena
4.	16MD1A0506	AMANI B H	IV-I	Amani B h
5.	16MD1A0507	ARADYULA NAGA ISHWARYA	IV-I	A.N. Ishwarya
6.	16MD1A0508	ATTADA JAYA DEVI	IV-I	A.J. DEVI
7.	16MD1A0509	BHAMIDIPATI VENKATA S R C N S SAMEER KUMAR	IV-I	BVSRCNSS Kumar
8	16MD1A0511	BUSI PANDU	IV-I	B. pandu
9	16MD1A0512	CHELLURI VINDHYA MANUSHA	IV-I	C. Vindhya Manusha
10	16MD1A0513	CHIPPADA SAI ANVESH	IV-I	Ch. Sai-Anvesh
11	16MD1A0514	CHODISETTI JAGADEESWARI	IV-I	C. Jagadeeswari
12	16MD1A0515	CHUNDURU SOWMYA	IV-I	C. Sowmya
13	16MD1A0516	DADI LAKSHMI PARVATHI	IV-I	D.L. Parvathi
14	16MD1A0517	GARAPATI MOUNIKA	IV-I	G. mounika
15	16MD1A0518	INDUKURI ROHINI	IV-I	I. Rohini
16	16MD1A0519	JONNALAGADDA MANIDEEP	IV-I	J. manideep
17	16MD1A0520	KANURI DURGA PRASAD	IV-I	K.D. Prasad
18	16MD1A0521	KARRI NAGA LAKSHMI	IV-I	K.N. Lakshmi
19	16MD1A0522	KONDAPALLI KALANJALI	IV-I	K. Kalanjali
20	16MD1A0523	KORADA SURYAMAHATHI	IV-I	K. Suryamahathi
21	16MD1A0524	KURUMILLI BALA TRIPURA SUNDARI	IV-I	K.B.T. Sundari
22	16MD1A0525	MADDI VENKATA JAYA PRAKASH	IV-I	M.V.J. Prakash
23	16MD1A0526	MADHAVARAPU SASI SUSHMA	IV-I	M.S. Sushma
24	16MD1A0527	MANDA VENKATA MADHU KUMAR	IV-I	M.V.M. Kumar



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: office@rietrijy.co.in Website: www.rietrijy.co.in Ph: +91 91212 14413



25	16MD1A0528	MAVIREDDY ANANTHA LAKSHMI	IV-I	M. Anantha Lakshmi
26	16MD1A0529	MENDA VARALAKSHMI	IV-I	M. Varalakshmi
27	16MD1A0530	NALLAKULA MAHA LAKSHMI SOWNDARYA	IV-I	N.M.L. Sowndarya
28	16MD1A0531	NUNE VENNELA	IV-I	N. Vennela
29	16MD1A0532	NUNNA ASWINI	IV-I	N. Aswini
30	16MD1A0533	PATHI SAITEJA	IV-I	P. Saiteja
31	16MD1A0534	PATHURI NAVYA SREE	IV-I	P. Navya Sree
32	16MD1A0535	PEDAPUDI MANOJ KUMAR	IV-I	P. Manoj Kumar
33	16MD1A0536	POTHULA CHARIMA DEVI	IV-I	P.C. Devi
34	16MD1A0537	PUCHAKAYALA VAMSI KRISHNA	IV-I	P. V. Krishna
35	16MD1A0538	RAMPAM LAKSHMI PRIYANKA	IV-I	R.L. Priyanka
36	16MD1A0539	RAMPAM SRIDURGA	IV-I	R. SRIDURGA
37	16MD1A0540	SADANALA YAMUNA SANDHYA	IV-I	S.Y. Sandhya
38	16MD1A0541	SANDEEP SAI TUTTA	IV-I	S. Sai Tutta
39	16MD1A0542	SEERAPU SRIKAR REDDY	IV-I	S. S. Reddy
40	16MD1A0554	ADURI VYSHNAVI	IV-I	A. Vyshnavi
41	16MD1A0555	ALLU DEVI SRAVANI	IV-I	A.D. Sravani
42	16MD1A0556	ALLURU DURGA PRASUNA	IV-I	A.L. Prasuna
43	16MD1A0557	ALUPANA KISHORE KUMAR REDDY	IV-I	A.K. K. Reddy
44	16MD1A0558	BATHULA MANIKANTHA	IV-I	B. Manikanta
45	16MD1A0559	BOBBARA MANI KANTA SWAMY	IV-I	B. Manikanta Swamy
46	16MD1A0560	BONTHU SAI BHAVANI RAVITEJA	IV-I	B. Raviteja
47	16MD1A0561	CHALLA AVINASH	IV-I	Avinash
48	16MD1A0562	CHILAKAMARRI RAMACHANDRA SRI HARSHA	IV-I	C.R. S. Harsha
49	16MD1A0563	CHUNDURU LALITHA RANI	IV-I	CH. Rani
50	16MD1A0564	DASARI MANIKUMAR	IV-I	D. Manikumar
51	16MD1A0566	DEVANABOYENA MOUNIKA SUSMI RANI	IV-I	D.M.S. Rani
52	16MD1A0567	DHAILESWARAPU SRI LAKSHMI PRASANNA	IV-I	D.S.L. Prasanna
53	16MD1A0568	DOGIPARTHI LAKSHMI JYOTHI	IV-I	D.L. Joythi



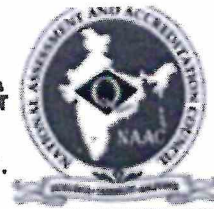


# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrijy.co.in](mailto:office@rietrijy.co.in) Website: [www.rietrijy.co.in](http://www.rietrijy.co.in) Ph: +91 91212 14413



54	16MD1A0569	DWARAMPUDI TARUN VENKATA SIVA KUMAR	IV-I	D.T.V Siva Kumar
55	16MD1A0570	GUMPANI HEMA	IV-I	G. Hema
56	16MD1A0571	KANAMATHAREDDY VENKATA SAI TARUN K REDDY	IV-I	K.V.SAI
57	16MD1A0572	KODAVALI GAYATRI VENKATA LAKSHMI ALEKYA	IV-I	K.G.V.L Alekya
58	16MD1A0573	KOPPISETTI SOWJANYA	IV-I	K. Sowjanya
59	16MD1A0574	KOTHAPALLI SRIVANI	IV-I	K. Srivalli
60	16MD1A0576	MAJI HARIKA	IV-I	M. Harika
61	16MD1A0577	MATTA DEVIKA	IV-I	M. Devika
62	16MD1A0578	MAVILLA SAI MAANASA	IV-I	M. Sai Maanasa
63	16MD1A0579	MAVURI NAGA ANUHYA	IV-I	M. Anuhya
64	16MD1A0580	MOGALATURTHI BHAVYASRI	IV-I	M. Bhavyasri
65	16MD1A0581	MUTYALA VENKATA SATYANARAYANA	IV-I	M.V. Satyanarayana
66	16MD1A0582	NANDIVADA MOHANAPRIYA	IV-I	N. Mohan. APRIYA
67	16MD1A0583	NARA LALITHA	IV-I	N. Lalitha
68	16MD1A0584	NUDURUMATI LAKSHMIMADHURI	IV-I	N. Lakshmi
69	16MD1A0588	PATAPATI VENKATA HARSHA VARDHAN VARMA	IV-I	P. Vardhan Varma
70	16MD1A0589	PEMMANABOYINA LALITHA VENKATA GAYATRI	IV-I	P. L. Venkata
71	16MD1A0590	PENDURTHI RAMYA SREE	IV-I	P. Ramya Sree
72	16MD1A0591	PILLI BABUMOHAN	IV-I	P. Babumohan
73	16MD1A0592	PINNAMANI PRATYUSHA	IV-I	P. Prathyusha
74	16MD1A0593	POLAMURI JAGADISH	IV-I	P. Jagadish
75	16MD1A0594	POLINA DEVI SRI	IV-I	P. Devi Sri
76	16MD1A0595	POLINA JASMITHA	IV-I	P. JASMITHA
77	16MD1A0596	POTHABATHULA JAYA ALEKHYA	IV-I	P. Jaya Alekha

  
COORDINATOR

  
PRINCIPAL

PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)  
**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**  
**eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in) Website: [www.rietrjy.co.in](http://www.rietrjy.co.in) Ph: +91 91212 14413**

## DAY WISE ATTENDANCE SHEET

**NAME OF THE PROGRAM : A Two Week Certificate Program on Blockchain Technologies : Revolutionizing the Future of Trust and Decentralization**

[illegible]





[illegible]





# RAJAMAHENDRI INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)


BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietry.co.in](mailto:office@rietry.co.in) Website: [www.rietry.co.in](http://www.rietry.co.in) Ph: +91 91212 14413



64	16MD1A0580	MOGALATURTHI BHAVYASRI	P	P	P	P	P	P	P	P	P	P	P	P
65	16MD1A0581	MUTYALA V SATYANARAYANA	P	P	P	P	P	P	P	P	P	P	P	P
66	16MD1A0582	NANDIVADA MOHANAPRIYA	P	P	P	P	P	P	P	P	P	P	P	P
67	16MD1A0583	NARA LALITHA	P	P	P	P	P	P	P	P	P	P	P	P
68	16MD1A0584	NUDURUMATI LAKSHMIMADHURI	P	P	P	P	P	P	P	P	P	P	P	P
69	16MD1A0588	PATAPATI VENKATA H V VARMA	P	P	P	P	P	P	P	P	P	P	P	P
70	16MD1A0589	PEMMANABOYINA L V GAYATRI	P	P	P	P	P	P	P	P	P	P	P	P
71	16MD1A0590	PENDURTHI RAMYA SREE	P	P	P	P	P	P	P	P	P	P	P	P
72	16MD1A0591	PILLI BABUMOHAN	P	P	P	P	P	P	P	P	P	P	P	P
73	16MD1A0592	PINNAMANI PRATYUSHA	P	P	P	P	P	P	P	P	P	P	P	P
74	16MD1A0593	POLAMURI JAGADISH	P	P	P	P	P	P	P	P	P	P	P	P
75	16MD1A0594	POLINA DEVI SRI	P	P	P	P	P	P	P	P	P	P	P	P
76	16MD1A0595	POLINA JASMITHA	P	P	P	P	P	P	P	P	P	P	P	P
77	16MD1A0596	POTHABATHULA JAYA ALEKHYA	P	P	P	P	P	P	P	P	P	P	P	P

  
COORDINATOR

  
PRINCIPAL  
PRINCIPAL  
RAJAMAHENDRI  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM,  
RAJAMAHENDRAVARAM-533 107. E.G.Dist.



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited BY NAAC)

BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

eMail: [office@rietrjy.co.in](mailto:office@rietrjy.co.in)

Website: [www.rietrjy.co.in](http://www.rietrjy.co.in)

Ph: +91 91212 14413



03-07-2019

### PROGRAM REPORT

**Name and Title of the Program:** A Two-Week Certificate Program on “Block chain Technologies: Revolutionizing the Future of Trust and Decentralization”

**Course of Duration:** 17-06-2019 to 29-06-2019

#### **Objectives of the Program:**

The objectives of a program in blockchain technologies encompass understanding blockchain fundamentals, cryptography skills, smart contract development, consensus mechanisms, security awareness, real-world applications, tokenization, decentralized applications, scalability considerations, ethical and regulatory awareness, hands-on experience, and certification. These objectives equip participants with comprehensive knowledge and practical skills in blockchain, preparing them for real-world applications and opportunities in the field.

#### **Out Comes of the Program:**

1. Proficiency in blockchain technology and its components.
2. Expertise in cryptographic principles and practices.
3. Skills to develop and deploy smart contracts.
4. Knowledge of consensus mechanisms in blockchain networks.
5. Competence in identifying and mitigating blockchain security threats.
6. Awareness of real-world applications across various industries.
7. Proficiency in tokenization and ICO processes.
8. Capabilities in developing decentralized applications (DApps).
9. Understanding of scalability challenges in blockchain.
10. Ethical and regulatory awareness related to blockchain.
11. Practical experience through hands-on exercises and projects.

**No. of Participants:** 77





### **RESOURCE PERSON PROFILE**

Name of the Certificate Program: **A Two-Week Certificate Program on- “Block chain Technologies : Revolutionizing the Future of Trust and Decentralization”**



**Name of the Resource Person: Mrs. G.Swarna Latha**

G. Swarna Latha, is working as Associate Professor in the department of CSE, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram. She completed M.Tech., (CSE) from GIET affiliated to JNTUK Kakinada in 2009. She has Nine Years of academic experience in various institutions. Before M. Tech., she had earned Bachelor of Engineering in Computer Science and Engineering from SVH College of Engineering, Machilipatnam (Affiliated to Nagarjuna University) in 2002.

G. Swarna Latha has interests include Data Mining, Data Base Management Systems, Cloud Computing, Data Structures, Object Oriented Analysis and Designing, Advanced Data Structures, Web Technologies and Operating Systems. She has published many papers in national and international journals. She guided various projects for both B.Tech students conducted seminars and workshops. Visited v arious colleges for PG final year projects adjudication.

  
**PRINCIPAL**  
**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING TECHNOLOGY**  
**BHOOPALAPATNAM.**  
**RAJAMAHENDRAVARAM-533 107. E.G. Dist.**

  
Signature

(Coordinator)



**RAJAMAHENDRI**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**

(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDY-533107, E.G. Dist.

E: [office@rietrijy.co.in](mailto:office@rietrijy.co.in)

W: [www.rietrijy.co.in](http://www.rietrijy.co.in)

P: +91 9121214413



## Participation Certificate

This is to certify that

Mr./Mrs./Ms. KONDAPALLI KALANJALI


has participated in

A Two Week Program On "Block Chain Technologies: Revolutionizing The Future of Trust And Decentralization"

17/06/2019 to 29/06/2019

  
Dr. R. Rambabu  
HOD, Dept. of CSE

  
Dr. V. L. Narayana  
Principal

  
Principal  
Rajamahendri Institute of Engineering & Technology  
Bhupalapatnam, Rajahmundry-533107  
E.G. Dist., (A.P.)





**RAJAMAHENDRI**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**

(ACCREDITED BY NAAC, BANGALORE, Approved by AICTE, New Delhi, Affiliated to J.N.T. UNIVERSITY, Kakinada)

BHUPALAPATNAM, RAJAHMUNDY-533107, E.G. Dist.

E: [office@rietjy.co.in](mailto:office@rietjy.co.in)

W: [www.rietjy.co.in](http://www.rietjy.co.in)

P: +91 9121214413



## Participation Certificate

This is to certify that

Mr./Mrs./Ms. ALLU DEVI SRAVANI


has participated in

A Two Week Program On "Block Chain Technologies: Revolutionizing The  
Future of Trust And Decentralization"

17/06/2019 to 29/06/2019

  
**Dr. R. Rambabu**  
HOD, Dept. of CSE

  
**Dr. V. L. Narayana**  
Principal

  
**Principal**  
Rajamahendri Institute of Engineering & Technology  
Bhoopalapatnam, Rajahmundry-533 107.  
E.G. Dist, (A.P)