

# 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(5) Documents related to certificate programs for A.Y 2018-19



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

**Bhoopalapatnam, Rajamahendravaram, 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)



# 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

## List of Certificates/ Add on programs

Academic Year- 2018-19

| S.No | Name of the Program  | Duration of Course       | No. of Participants |
|------|--|--------------------------|---------------------|
| 1.   | A Two-Week Certificate Program on " <b>Quantum Computing</b> "                   | 18-6-2018 to 30-06-2018  | 74                  |
| 2.   | A Two-Week Certificate Program on " <b>Python Program</b> "                      | 02-07-2018 to 14-7-2018  | 48                  |
| 3.   | A Two-Week Certificate Program on " <b>Computer Vision &amp; Image Process</b> " | 06-08-2018 to 18-8-2018  | 39                  |
| 4.   | A Two-Week Certificate Program on " <b>Open Source Software</b> "                | 05-11-2018 to 17-11-2018 | 77                  |
| 5.   | A Two Certificate Program on " <b>Engineering Mechanics</b> "                    | 24-12-2018 to 05-01-2019 | 143                 |
| 6.   | A Two-Week Certificate Program on " <b>Full Stack Development</b> "              | 28-01-2019 to 09-02-2019 | 71                  |
| 7.   | A Two-Week Certificate Program on " <b>Artificial Intelligence</b> "             | 18-2-2019 to 2-3-2019    | 60                  |
| 8.   | A Two Add-on Program on " <b>Cyber Security</b> "                                | 04-03-2019 to 16-03-2019 | 65                  |

  
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Date: 14-06-2018

### 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 Quantum Computing" on 18<sup>th</sup> June 2018 to 30<sup>th</sup> June 2018. All the students give their names to coordinator listed below on or before 16<sup>th</sup> June 2018. Hence all the students here by informed to attend the classes without fail.

**Venue:** Seminar Hall, RIET

**Coordinator:** Mrs.K.S.N.V. Jyotsna Devi, Assoc. Prof, Dept. of CSE, RIET.

  
Principal

(Dr V.Lakshmi Narayana)

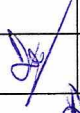
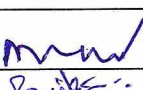




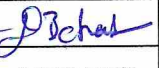
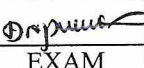






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| BRANCH  | CSE   | Mech.   | ECE  | EEE   | S&H   |
|---|---|---|--|---|---|
| B.Tech. 1st Year  |   |   |  | -----   |   |
| B.Tech. 2nd Year  |   |   |  | -----   | -----   |
| B.Tech. 3rd Year  |   | kg  |  |   | -----   |
| B.Tech. 4th Year  |  |  |   |   | -----   |
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## 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: [csc.hod@rietry.co.in](mailto:csc.hod@rietry.co.in)

### Co-ordinator

**Mrs. K.S.N.V. Jyotsna Devi**

Associate Professor,  
Department of Computer Science and Engineering

Mobile No: +91 9581422334

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

## A Two-Week Certificate Program on "Quantum Computing"

### 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:

  
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HOD



## A Two-Week Certificate Program on "Quantum Computing"

*Schedule:*

*18-06-2018 to 30-06-2018*

*Venue: Seminar Hall*



Organized  
by  
Department of  
Computer Science And Engineering

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## 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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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.



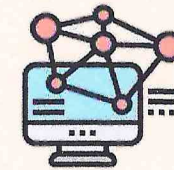
## About the Department

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



Quantum computing is an emerging field that harnesses the principles of quantum mechanics to perform highly complex calculations. Unlike classical computers that use binary bits, quantum computers use qubits that can exist in multiple states simultaneously (superposition) and can be entangled. Key aspects include quantum gates, algorithms, specialized hardware and software, and practical applications in cryptography, optimization, drug discovery, and machine learning. Challenges include error correction, scalability, and hardware reliability. Ethical considerations regarding security and societal impact are important. Quantum computing has the potential to revolutionize computing and address problems that were previously unsolvable, attracting significant interest from academia and industry.

## 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)





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Date: 16-06-2018

### PROGRAM SCHEDULE

Program Schedule for A Two-Week Certificate Program on “Quantum Computing”

| Duration  | Program   |
|---|---|
| <b>Day1:</b> 18-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Introduction to Quantum Computing:</b> <ul style="list-style-type: none"><li>➤ Understanding classical vs. quantum computing.</li><li>➤ Quantum bits (qubits) and superposition.</li></ul>                           |
| <b>Day2:</b> 19-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Gates and Circuits:</b> <ul style="list-style-type: none"><li>➤ Basic quantum gates (X, Y, Z, Hadamard, CNOT, etc.).</li><li>➤ Building simple quantum circuits.</li></ul>                                   |
| <b>Day3:</b> 20-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Entanglement:</b> <ul style="list-style-type: none"><li>➤ Exploring quantum entanglement.</li><li>➤ Creating entangled qubits and their properties.</li></ul>  |
| <b>Day4:</b> 21-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Algorithms - Grover's Algorithm:</b> <ul style="list-style-type: none"><li>➤ Introduction to Grover's search algorithm.</li><li>➤ Implementing Grover's algorithm on a quantum computer simulator.</li></ul> |
| <b>Day5:</b> 22-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Algorithms - Shor's Algorithm:</b> <ul style="list-style-type: none"><li>➤ Introduction to Shor's factoring algorithm.</li><li>➤ Understanding the impact of Shor's algorithm on encryption.</li></ul>       |
| <b>Day6:</b> 23-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Error Correction:</b> <ul style="list-style-type: none"><li>➤ Quantum error correction codes (e.g., Shor code, surface code).</li><li>➤ Error correction in quantum circuits.</li></ul>                      |
| <b>Day7:</b> 25-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Hardware and Quantum Computers:</b> <ul style="list-style-type: none"><li>➤ Introduction to quantum computing hardware.</li><li>➤ Understanding quantum processors from IBM, Rigetti, etc.</li></ul>         |
| <b>Day8:</b> 26-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Programming Languages:</b> <ul style="list-style-type: none"><li>➤ Overview of quantum programming languages (Qiskit, Cirq, etc.).</li><li>➤ Writing simple quantum programs.</li></ul>                      |



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|  |  |
|--|--|
| <b>Day9:</b> 27-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM  | <b>Quantum Simulators vs. Real Quantum Computers:</b> <ul style="list-style-type: none"><li>➤ Comparing quantum simulators and real quantum computers.</li><li>➤ Running quantum programs on available quantum hardware.</li></ul> |
| <b>Day10:</b> 28-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Applications - Quantum Cryptography:</b> <ul style="list-style-type: none"><li>➤ Introduction to quantum cryptography.</li><li>➤ Understanding quantum key distribution (e.g., BBM92 protocol).</li></ul>               |
| <b>Day11:</b> 29-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Quantum Applications - Quantum Machine Learning:</b> <ul style="list-style-type: none"><li>➤ Exploring quantum machine learning algorithms.</li><li>➤ Implementing simple quantum machine learning models.</li></ul>            |
| <b>Day12:</b> 30-06-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Future Trends in Quantum Computing:</b> <ul style="list-style-type: none"><li>➤ Quantum supremacy and quantum advantage.</li><li>➤ Current research and potential applications of quantum computing.</li></ul>                  |

  
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NAME OF THE PROGRAM : A Two Week Certificate Program on Quantum Computing

### STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT              | YEAR/<br>BRANCH | SIGNATURE           |
|------|------------|----------------------------------|-----------------|---------------------|
| 1.   | 15MD1A0501 | ALLU ADITYA                      | IV/I            | A. Aditya           |
| 2.   | 15MD1A0502 | BALLA UMA MAHESH                 | IV/I            | B. Umamahesh        |
| 3    | 15MD1A0503 | BANDI TANEESH KUMAR              | IV/I            | B. Taneesh Kumar    |
| 4.   | 15MD1A0504 | BODDU RAMA KRISHNA VENI          | IV/I            | B. Krishnaveni      |
| 5.   | 15MD1A0505 | BOLLI SAI KIRAN                  | IV/I            | B. Sai Kiran        |
| 6.   | 15MD1A0506 | BONTHU MONISHA                   | IV/I            | B. monisha          |
| 7.   | 15MD1A0507 | BOTCHA DURGA ADITHYA             | IV/I            | B. Durga Aditya     |
| 8    | 15MD1A0508 | DARAPU JAHNAVI                   | IV/I            | D. Jahnavi          |
| 9    | 15MD1A0509 | DODDA TEJASREE                   | IV/I            | D. Tejasree         |
| 10   | 15MD1A0510 | DUGGIRALA NAVEEN CHOWDARY        | IV/I            | D. Naveen           |
| 11   | 15MD1A0511 | GADI DURGA MOUNIKA               | IV/I            | G. D. mounika       |
| 12   | 15MD1A0512 | GRANDHI VALLI NAGALAKSHMI        | IV/I            | G. V. N. Lakshmi    |
| 13   | 15MD1A0513 | GUBBALA JHANSI LAKSHMI           | IV/I            | G. Sudya Durga      |
| 14   | 15MD1A0514 | GUBBALA SURYA DURGA              | IV/I            | G. S. Durga         |
| 15   | 15MD1A0515 | ILLA GANESH BHARADWAJ            | IV/I            | I. Ganesh Bharadwaj |
| 16   | 15MD1A0516 | ISUKAPALLI LAKSHMI ANJANA        | IV/I            | I. Lakshmi Anjana   |
| 17   | 15MD1A0522 | KOLA SRI SUNJEET                 | IV/I            | K. Sri Sunjeet      |
| 18   | 15MD1A0523 | KOLA USHA SRAVANI                | IV/I            | K. Usha Sravani     |
| 19   | 15MD1A0524 | KOLLA PRAVEEN KUMAR              | IV/I            | K. Praveen Kumar    |
| 20   | 15MD1A0525 | KUCHIPUDI SRAVYA SREE            | IV/I            | K. Sravya Sree      |
| 21   | 15MD1A0526 | KUNDULA AJAY CHOWDARY            | IV/I            | L. Asha Mounika     |
| 22   | 15MD1A0527 | LANJIPALLI ASHA MOUNIKA          | IV/I            | M. Naga mounika     |
| 23   | 15MD1A0528 | MADDIPATI NAGA MOUNIKA           | IV/I            | M. N. Mounika       |
| 24   | 15MD1A0529 | MADDUKURI NAGA SUDHEESHNA        | IV/I            | M. N. Sudheeshna    |
| 25   | 15MD1A0538 | PATNALA KOMALI VASUNDHARA KUMARI | IV/I            | P. K. V. Kumari     |
| 26   | 15MD1A0539 | PATURI BHANU PRAKASH             | IV/I            | P. Bhanu Prakash    |





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|    |            |                                     |      |                          |
|----|------------|-------------------------------------|------|--------------------------|
| 27 | 15MD1A0540 | PESALA VENKATA SWATHI               | IV/I | P.V. Swathi              |
| 28 | 15MD1A0543 | RAVIPATI SAHITYA                    | IV/I | R. Sahitya               |
| 29 | 15MD1A0544 | RAVIPATI SRIDIVYA                   | IV/I | R. Sri Divya             |
| 30 | 15MD1A0546 | SAI VISWANATH SAREY                 | IV/I | Sai Viswanath            |
| 31 | 15MD1A0547 | SAMAYAMANTHULA LAKSHMI SRI LIKHITHA | IV/I | S. LAKSHMI SRI LIKHITHA  |
| 32 | 15MD1A0548 | SAPPA SREE VYSHNAVI                 | IV/I | S. Vyshnavi              |
| 33 | 15MD1A0549 | SHAIK FARZANA TASLIM                | IV/I | S. Farzana               |
| 34 | 15MD1A0550 | SINGAMSETTY JYOTHSNA RATNA SRI      | IV/I | S. Jyothsna              |
| 35 | 15MD1A0551 | SURAVARAPU SRI YASASWINI SAI        | IV/I | S. Yasaswini             |
| 36 | 15MD1A0552 | TEJA SRI LAKSHMI BORSU              | IV/I | Teja Sri B.              |
| 37 | 15MD1A0553 | THORATI RAJA                        | IV/I | <del>T. Raja</del>       |
| 38 | 15MD1A0557 | ADAPA TEJA                          | IV/I | <del>A. Teja</del>       |
| 39 | 15MD1A0558 | ALLURI GEETHIKA                     | IV/I | A. GEETHIKA              |
| 40 | 15MD1A0559 | ALLURI VALLI ANUSHA                 | IV/I | A. Anusha                |
| 41 | 15MD1A0560 | ANKAM LAKSHMI BHAVYASRI             | IV/I | A. Lakshmi Bhavyasri     |
| 42 | 15MD1A0561 | ANKANI TALUPU DEVI                  | IV/I | A. Talupudi Devi         |
| 43 | 15MD1A0562 | BATCHU SAI MYTHILI                  | IV/I | B. MYTHILI               |
| 44 | 15MD1A0563 | BHUPATHIRAJU NAGA SWETHA DEVI       | IV/I | B. N. Swetha Devi        |
| 45 | 15MD1A0564 | BOBBA SINDHU                        | IV/I | B. Sindhu                |
| 46 | 15MD1A0565 | BOLLA SRIKANTH                      | IV/I | B. Srikanth              |
| 47 | 15MD1A0566 | BOLLI VENKATALAKSHMI DURGASRAVANI   | IV/I | B. Sravani               |
| 48 | 15MD1A0567 | CHEMAKURI RAMYA                     | IV/I | C. RAMYA                 |
| 49 | 15MD1A0568 | CHEBROLU BHAVITHA                   | IV/I | C. Bhavitha              |
| 50 | 15MD1A0569 | CHILAKALAPUDI SRI HARSHA DEEP       | IV/I | <del>Chilakalapudi</del> |
| 51 | 15MD1A0570 | DEVABATTULA SUDHA KALA              | IV/I | D. S. Kala               |
| 52 | 15MD1A0571 | DULAM VEERA VENKATA SATYA DURGADevi | IV/I | D.V.V.D. Devi            |
| 53 | 15MD1A0572 | GANJI PURNA GOPAL                   | IV/I | G. Purna gopal           |
| 54 | 15MD1A0573 | GOVARDHANAM SAI MUKESH KUMAR        | IV/I | G.S.M. Kumar             |
| 55 | 15MD1A0580 | MACHINA SUSHMA                      | IV/I | M. Sushma                |



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|    |            |                                     |      |                          |
|----|------------|-------------------------------------|------|--------------------------|
| 56 | 15MD1A0581 | MADDIPATI VASUDHA DEVI              | IV/I | M. V. Devi               |
| 57 | 15MD1A0582 | MADDIPUDI TRIBALA SAI SOWJANYA      | IV/I | M. T. S. Sowjanya        |
| 58 | 15MD1A0583 | MANDIGA SURYANARAYANA MURTHY        | IV/I | M. S. Murthy             |
| 59 | 15MD1A0584 | MANEPALLI RAMYA SRI LAKSHMI         | IV/I | M. P. S. Lakshmi         |
| 60 | 15MD1A0585 | MARREDDI LAKSHMI KRISHNA RAMYA      | IV/I | M. L. K. Ramya           |
| 61 | 15MD1A0586 | MOTHA BHANU R SUSMITHA SWARNA LATHA | IV/I | M. B. R. S. Swarna Latha |
| 62 | 15MD1A0587 | MUDHINDI SWATHI                     | IV/I | M. Swathi                |
| 63 | 15MD1A0588 | NADIPENA SAI DURGA NAVYA NIKITHA    | IV/I | N. S. D. N. Nikitha      |
| 64 | 15MD1A0589 | NALLAMILLI DIVYA BHARGAVI           | IV/I | N. D. Bhar               |
| 65 | 15MD1A0590 | NALLAMILLI NIKESH                   | IV/I | N. Nimesh                |
| 66 | 15MD1A0591 | NAMBURI NAGA PADMA                  | IV/I | N. Naga padma            |
| 67 | 15MD1A0592 | PACCHIPULUSU SAI GAYATHRI PRATYUSHA | IV/I | P. S. G. Pratyusha       |
| 68 | 15MD1A0593 | PENKE VIKASRAJ                      | IV/I | P. Vikas Raj             |
| 69 | 15MD1A0594 | PILLA ARUNA SAIKUMARI               | IV/I | P. A. S. Kumari          |
| 70 | 15MD1A0595 | POLUGUMATI AMANI SOWJANYA           | IV/I | P. A. Sowjanya           |
| 71 | 15MD1A05A1 | THALARI MALATHI DEVI                | IV/I | T. M. DEVI               |
| 72 | 15MD1A05A2 | UPPALAPATI NAGA MALLIKA DEVI        | IV/I | U. N. M. Devi            |
| 73 | 15MD1A05A3 | VATTIKUTTI MANI SRIRAM              | IV/I | V. Mani Sriram           |
| 74 | 15MD1A05A4 | VEDURUMUDI SRI SAI KRANTHI NIKHIL   | IV/I | V. S. S. K. Nikhil       |

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



|    |            |                                     |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 15MD1A0590 | NALLAMILLI NIKESH                   | P | A | P | P | P | P | P | P | P | P | P | P |
| 66 | 15MD1A0591 | NAMBURI NAGA PADMA                  | P | P | P | P | P | P | P | P | P | P | P | P |
| 67 | 15MD1A0592 | PACCHIPULUSU SAI GAYATHRI PRATYUSHA | P | P | P | P | P | P | P | P | P | P | P | A |
| 68 | 15MD1A0593 | PENKE VIKASRAJ                      | P | P | P | P | P | P | P | P | P | P | P | P |
| 69 | 15MD1A0594 | PILLA ARUNA SAIKUMARI               | P | P | P | P | P | P | P | P | P | P | P | P |
| 70 | 15MD1A0595 | POLUGUMATI AMANI SOWJANYA           | P | P | P | P | P | P | P | P | P | P | P | P |
| 71 | 15MD1A05A1 | THALARI MALATHI DEVI                | P | P | P | P | P | P | A | P | P | P | P | P |
| 72 | 15MD1A05A2 | UPPALAPATI NAGA MALLIKA DEVI        | P | P | P | P | A | P | P | P | P | P | P | P |
| 73 | 15MD1A05A3 | VATTIKUTTI MANI SRIRAM              | P | P | P | P | P | P | P | P | P | P | P | P |
| 74 | 15MD1A05A4 | VEDURUMUDI SRI S KRANTHI NIKHIL     | P | P | P | P | P | P | P | P | P | P | P | P |

04

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

Ph: +91 91212 14413



Date:03-07-2018

### PROGRAM REPORT

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

**Course of Duration:** 18-06-2018 to 30-06-2018

#### **Objective of the Program:**

The objectives of a quantum computing program are to provide participants with a comprehensive understanding of quantum computing. These objectives include teaching the fundamentals of quantum mechanics, quantum computing basics, quantum algorithms, hardware, and software. The program also covers practical applications, error correction, and future trends in the field. It emphasizes hands-on experience, ethics, and potential career opportunities. Ultimately, the program aims to prepare participants to apply quantum computing concepts and technologies in various domains, from research to industry and innovation.

#### **Out Come of the Program:**

The outcomes of a quantum computing program include a deep understanding of quantum mechanics and quantum computing principles, proficiency in quantum algorithms and error correction, practical skills in working with quantum hardware and software, awareness of quantum applications, future trends, and ethical considerations. Graduates are prepared for careers in quantum computing and related fields, equipped with hands-on experience, project-based problem-solving abilities, and a commitment to responsible and ethical quantum practices. These outcomes collectively empower participants to contribute to the evolving field of quantum computing and explore its potential in various applications and industries.

**No. of Participants:** 74



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## RESOURCE PERSON PROFILE

Name of the Certificate Program: A Two-Week Certificate Program on “Quantum Computing”



**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 Ten 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 various colleges for PG final year projects adjudication.

*K. Swathina*  
Coordinator

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

P: +91 9121214413

## Participation Certificate


*This is to certify that*


*Mr./Mrs./Ms. DARAPU JAHNAVI*

*has participated in*

*A Two-Week Program on "Quantum Computing"*

**18/06/18 to 30/06/18**

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

  
Dr. V. L. Narayana  
Principal

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

P: +91 9121214413

## Participation Certificate

*This is to certify that*

Mr./Mrs./<sup>Ms.</sup> MUDHINDI SWATHI

*has participated in*

A Two-Week Program on "Quantum Computing"

**18/06/18 to 30/06/18**

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

Dr. V. L. Narayana  
Principal

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Date: 25-06-2018

### CIRCULAR

It is here by informed to all II<sup>nd</sup> B.Tech I-Sem ECE A & B students that our college conducting **A Two-Week Certificate Program on "Python Programming"** on 2<sup>nd</sup> July 2018 to 14<sup>th</sup> July 2018. All the students give their names to coordinator listed below on or before 29<sup>th</sup> June 2018. 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.

Principal

(Dr. Vemuri Lakshmi Narayana).

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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  |          |                |                | -----   | D. Srinivas  |
| B.Tech.2nd Year |          |                | D. Srinivas    | -----   | -----        |
| B.Tech.3rdYear  | @Sf      |                | RK             |         | -----        |
| B.Tech.4thYear  |          |                |                |         | -----        |
| ALLHOD'S        | Sf       |                | Sf             | Sf      | D. Srinivas  |
| IQAC            | ACCOUNTS | PLACEMENT CELL | TRANSPORT DEPT | LIBRARY | EXAM SECTION |
| Sf              | Sf       | Sf             | Sf             | Sf      | K. Srinivas  |

## 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. 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 “Python Programming”

### 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:

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HOD



## A Two-Week Certificate Program on “Python Programming”

*Schedule:*

**02/07/2018 to 14/07/2018**

*Venue: Seminar Hall*



Organized  
by  
Department of  
Electronics and Communication  
Engineering

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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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.

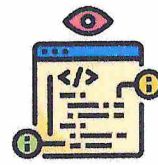
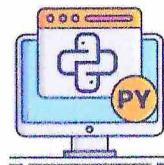
All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## 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



This certificate program provides knowledge to students for understanding the Variables, data types, strings, operators, lists, tuples, sets, dictionaries, functions, arrays, and classes/objects in Python.

## Topics to be Covered

- Introduction to Python
- Python Data Types
- Logical and Arithmetic Operators
- Working with Users Inputs

## Outcome of the event

- After attending the certificate program students will be able to Use if-else statements and switch-case statements to write programs in python to tackle any decision-making scenario.
- Master object-oriented programming to create an entire python project using objects and classes.
- Store and retrieve information using variables

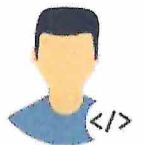
## Resource Person

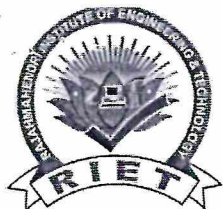
**Mr. P.S.S.K. Sarma**

Assistant Professor

Mobile No: +91 9246654729

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





Date:29-06-2018

**PROGRAMSCHEDULE**

Program Schedule for A Two-Week Certificate Program on “Python Programming”

| Duration  | Program   |
|---|---|
| <b>Day1:</b> 02-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Introduction to Python                              |
| <b>Day2:</b> 03-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Program Development<br>➤ Data Types and Expressions |
| <b>Day3:</b> 04-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ String Assignment<br>➤ Numeric Data types           |
| <b>Day4:</b> 05-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Character Sets                                      |
| <b>Day5:</b> 06-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Using Function and Modules                          |
| <b>Day6:</b> 07-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Decision Structures<br>➤ Boolean logic              |
| <b>Day7:</b> 09-07-2018<br>9:30AM-12:50PM<br>01:30PM-03:50PM      | ➤ Nested Decision Structures                          |
| <b>Day8:</b> 10-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Comparing Strings<br>➤ Logic Operators              |
| <b>Day9:</b> 11-07-2018<br><br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Boolean Variables                                   |



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Ph: +91 91212 14413



|   |                              |
|---|------------------------------|
| Day10: 12-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Repetition structures      |
| Day11: 13-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Calculating a Running Tool |
| Day12: 14-07-2018<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Input Validation Loops     |

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

## NAME OF THE PROGRAM : A Two Week Add on Program on Python programming STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT        | YEAR/<br>BRANCH | SIGNATURE        |
|------|------------|----------------------------|-----------------|------------------|
| 1    | 17MD1A0401 | ARUGULA PADMINI DEVI       | II/I            | A.Padmini Devi   |
| 2    | 17MD1A0402 | BANDARU SRI LATHA BHARGAVI | II/I            | B.S.L. Bhargavi  |
| 3    | 17MD1A0403 | BASAMSETTI SRAVANI         | II/I            | B. Sravani       |
| 4    | 17MD1A0404 | BELLAPUKONDA SUNI BHARGAVI | II/I            | B.S. Bhargavi    |
| 5    | 17MD1A0405 | BORUSU GAYATHRI            | II/I            | B. Gayathri      |
| 6    | 17MD1A0406 | CHELLABOINA SRI NIRUPA     | II/I            | C.S. Nirupa      |
| 7    | 17MD1A0407 | CHUKKA MADHURI             | II/I            | C. Madhuri       |
| 8    | 17MD1A0408 | DODDIPATLA ANUSHA          | II/I            | D. Anusha        |
| 9    | 17MD1A0409 | ELAPANA VIJAYASREE         | II/I            | E. Vijayasree    |
| 10   | 17MD1A0410 | ELI K M S RAMA DEVI        | II/I            | E.K.M.S.R. Devi  |
| 11   | 17MD1A0411 | ETHALA KAVYA               | II/I            | E. Kavya         |
| 12   | 17MD1A0412 | GEDDAM ANUMADHURI          | II/I            | G. Anumadhuri    |
| 13   | 17MD1A0414 | GUTTIMDEEVI AMRUTHA        | II/I            | G. Amrutha       |
| 14   | 17MD1A0415 | HOTHA LAKSHMI SAI PRASANNA | II/I            | H.L.S. Prasanna  |
| 15   | 17MD1A0416 | KANCHUMARTHI SATYA         | II/I            | K. Satya         |
| 16   | 17MD1A0417 | KANTAMSETTI SURYA BHANU    | II/I            | K.S. Bhanu       |
| 17   | 17MD1A0418 | KASANI PADMA DEEPIKA       | II/I            | K. P. Deepika    |
| 18   | 17MD1A0419 | KHANDAVILLI SRI PRAVALLIKA | II/I            | K.S. Pravalika   |
| 19   | 17MD1A0420 | LINGABHERI RAJA UDAYASREE  | II/I            | L.R. Udayasree   |
| 20   | 17MD1A0427 | MANIKYAM VEERA N S MADHURI | II/I            | M.V.N.S. Madhuri |
| 21   | 17MD1A0428 | MANUKONDA NILIMA           | II/I            | M. Nilima        |
| 22   | 17MD1A0429 | MAVURI DEEPIKA             | II/I            | M. Deepika       |
| 23   | 17MD1A0430 | MIRTHIPATI LAKSHMI SUREKHA | II/I            | M.L. Surekha     |
| 24   | 17MD1A0431 | MOOGI LAVANYA              | II/I            | M. Lavanya       |
| 25   | 17MD1A0432 | MOTHUKURI USHA SRI         | II/I            | M.U. Sri         |





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|    |            |                                |      |                      |
|----|------------|--------------------------------|------|----------------------|
| 26 | 17MD1A0433 | MUDUNURI BHAVYA N SAI SRUJITHA | II/I | M. B. N. S. Srujitha |
| 27 | 17MD1A0434 | MUTHA SANDYA DEVI              | II/I | M. Sandhya Devi      |
| 28 | 17MD1A0435 | NAKKA SWETHA                   | II/I | N. Swetha            |
| 29 | 17MD1A0439 | PADAGA DEVI NAGA TEJASWI       | II/I | P. D. N. Tejaswi     |
| 30 | 17MD1A0440 | PADINDALA AISHWARYA LAKSHMI    | II/I | P. A. Lakshmi        |
| 31 | 17MD1A0441 | PANDU SAI NIHARIKA             | II/I | P. S. Niharika       |
| 32 | 17MD1A0442 | PEDAPATI PADMA S SAI HARSHITHA | II/I | P. P. S. Harshitha   |
| 33 | 17MD1A0444 | RAVIPATI SRAVANI               | II/I | R. Sravani           |
| 34 | 17MD1A0445 | SUTHAPALLI PRATHYUSHA          | II/I | S. Prathyusha        |
| 35 | 17MD1A0453 | BONAGIRI TEJA                  | II/I | B. Teja              |
| 36 | 17MD1A0454 | CHERUVU VEERA SUHARSHA         | II/I | C. V. Suharsha       |
| 37 | 17MD1A0458 | DONDAPATI MANIKANTA            | II/I | D. Manikanta         |
| 38 | 17MD1A0459 | GAJULA MURALI KRISHNA          | II/I | G. M. Krishna        |
| 39 | 17MD1A0460 | GANTI SAI MANOJ                | II/I | G. Sai manoj         |
| 40 | 17MD1A0461 | GOLUKONDA CHANDRA DURGA        | II/I | G. C. DURGA          |
| 41 | 17MD1A0475 | MIDDE BALA SAI SURESH          | II/I | M. B. S. Suresh      |
| 42 | 17MD1A0477 | MOHAMMED ISMAILKHAN            | II/I | M. ISmailkhan        |
| 43 | 17MD1A0478 | MUTTINA SAI VAMSI              | II/I | M. Sai Vamsi         |
| 44 | 17MD1A0480 | PEETHA RAGINI                  | II/I | P. Ragini            |
| 45 | 17MD1A0481 | PENDYALA SATYA                 | II/I | P. Satya             |
| 46 | 17MD1A0482 | POLA NAGA DEEPIKA              | II/I | P. N. Deepika        |
| 47 | 17MD1A0493 | TELAGAMSETTI PRAVALLIKA        | II/I | T. Pravalika         |
| 48 | 17MD1A04A0 | YANAGANTI NAGA SIVA JYOTHI     | II/I | Y. N. S. Jyothi      |

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E.G. Dist., (A.P.)







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|    |            |                            |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 17MD1A0477 | MOHAMMED ISMAILKHAN        | P | P | P | P | P | P | P | P | P | P | P | P |
| 43 | 17MD1A0478 | MUTTINA SAI VAMSI          | P | P | P | P | P | P | P | P | P | P | P | P |
| 44 | 17MD1A0480 | PEETHA RAGINI              | P | P | P | P | P | P | P | P | P | P | P | P |
| 45 | 17MD1A0481 | PENDYALA SATYA             | P | P | P | P | P | P | P | P | P | P | P | P |
| 46 | 17MD1A0482 | POLA NAGA DEEPIKA          | P | P | P | P | P | P | P | P | P | P | P | P |
| 47 | 17MD1A0493 | TELAGAMSETTI PRAVALLIKA    | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 17MD1A04A0 | YANAGANTI NAGA SIVA JYOTHI | P | P | P | P | P | P | P | P | P | P | P | P |

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Date: 17-072018

## PROGRAM REPORT

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

**Date & Time :** 02-07-2018 to 14-07-2018 & 10:00 AM to 5:00 PM.

**Resource Person:** Mr. PSSK Sarma, Associate Professor, Dept.of CSE,RIET.

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

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

- The Objectives of Python Programming are.
- To learn about Python programming language syntax, semantics, and the runtime environment.
- To be familiarized with universal computer programming concepts like data types, containers.
- To be familiarized with general computer programming concepts like conditional execution, loops & functions.
- To be familiarized with general coding techniques and object-oriented programming.

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

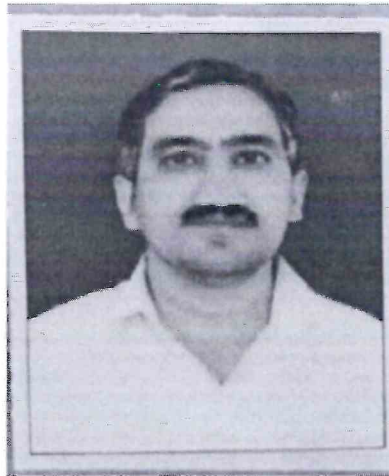
- Develop essential programming skills in computer programming concepts like data types, containers.
- Apply the basics of programming in the Python language.
- Solve coding tasks related conditional execution, loops.
- Solve coding tasks related to the fundamental notions and techniques used in object- oriented programming.

**No. of Participants:** 48



**RESOURCE PERSON PROFILE**

**Name of the Certificate Program:** A Two-Week Certificate Program on “Python Programming”



**Name of the Resource Person:** Mr. P.S.S.K. SARMA

He completed M.Tech in CSE at JNTUK, 8 years of excellent teaching skills in relevant subjects. His area of specialization on Python Programming and Best Knowledge in Python Programming. Senior Faculty as an Associate Professor in the Computer Science and Engineering Department is a distinguished position that encompasses advanced teaching, significant research contributions, and leadership within the academic community.

  
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**BHOOPALAPATNAM.**  
- RAJAMAHENDRAVARAM-533 107. E.G.Dist.

  
Coordinator



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

P: +91 9121214413



## *Participation Certificate*

This is to certify that

Mr./Mrs./Ms. ETHALA KAVYA

has Participated in

An Add-On Two Week Certificate Program On "Python  
Programming"

02/07/2018 to 14/07/2018

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

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

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RAJAHMUNDRY



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

P: +91 9121214413



## *Participation Certificate*

This is to certify that

Mr./Mrs./Ms. BONAGIRI TEJA

has Participated in

An Add-On Two Week Certificate Program On "Python  
Programming"

02/07/2018 to 14/07/2018

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

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





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Date:28-07-2018

### CIRCULAR

It is here by informed to all III<sup>rd</sup> B.Tech I-Sem ECE students that our college conducting **A Two-Week Certificate Program on "Computer Vision & Image Process"** on 6<sup>th</sup> August 2018 to 18<sup>th</sup> August 2018. All the students give their names to coordinator listed below on or before 2<sup>nd</sup> August 2018. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET

Coordinator : Mrs. B. Vijaya .Assistant Professor, Dept. of ECE,RIET.

  
Principal






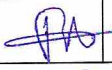

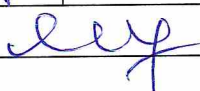




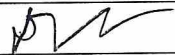
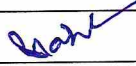

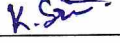
(Dr Vemuri Lakshmi Narayana)

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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  |    |   |  |  |  |
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|  |    |  |  |  |  |

## 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

**Mrs. B. Vijaya**

Assistant Professor,  
Department of Electronics and  
Communication Engineering  
Mobile No: +91 8886529329  
Email id: [vijaya29329@gmail.com](mailto:vijaya29329@gmail.com)

## A Two-Week Certificate Program on

# “Computer Vision and Image 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:

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## A Two-Week Certificate Program on

# “Computer Vision and Image Processing”

*Schedule:*

06/08/2018 to 18/08/2018

*Venue: Seminar Hall*



Organized  
by

Department of  
Electronics and Communication  
Engineering

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## 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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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

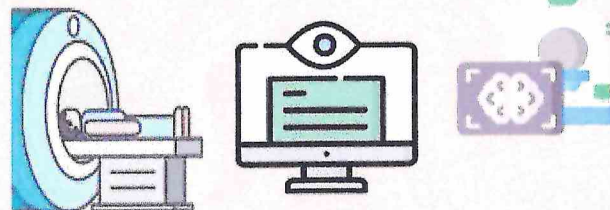
look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## 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 enhancement techniques
- To study the image fundamentals and mathematical transforms necessary for image processing
- 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 Detection

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

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

## Resource Person

### Mr. R. Srinivas

Associate Professor  
Head of the Department of ECE  
Mobile No: +91 9515825685  
Email id: [cinu02@gmail.com](mailto:cinu02@gmail.com)





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Date:03-08-2018

### PROGRAM SCHEDULE

Program Schedule for A Two-Week Certificate Program on “Computer Vision & Image Process”

| Duration  | Program   |
|---|---|
| <b>Day1:</b> 06-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Introduction To Computer Vision & Image Process |
| <b>Day2:</b> 07-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Object detection                                |
| <b>Day3:</b> 08-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Event detection                                 |
| <b>Day4:</b> 09-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Activity recognition                            |
| <b>Day5:</b> 10-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Video tracking                                  |
| <b>Day6:</b> 11-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ Object recognition                              |
| <b>Day7:</b> 13-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM     | ➤ 3D Pose estimation                              |
| <b>Day8:</b> 14-08-2018<br>09:30AM-<br>12:50PM<br>01:30PM-03:50PM | ➤ Learning indexing                               |
| <b>Day9:</b> 15-08-2018<br>09:30AM-12:50PM<br>01:30PM-<br>03:50PM | ➤ Motion estimation                               |



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|  |                     |
|--|---------------------|
| <b>Day10:</b> 16-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM | ➤ Visual servoing   |
| <b>Day11:</b> 17-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM | ➤ 3D scene modeling |
| <b>Day12:</b> 18-08-2018<br>09:30AM-12:50PM<br>01:30AM-03:50PM | ➤ Image restoration |

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



NAME OF THE PROGRAM : A TWO WEEK ADD ON PROGRAM ON COMPUTER VISION & IMAGE PROCESS

### STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT            | YEAR/<br>BRANCH | SIGNATURE        |
|------|------------|--------------------------------|-----------------|------------------|
| 1    | 16MD1A0401 | ADDALA VINAY KUMAR             | II-I            | A. Vinay Kumar   |
| 2    | 16MD1A0402 | ADHIMULAM UDAY BHASKAR         | II-II           | A. Uday Bhaskar  |
| 3    | 16MD1A0403 | ARAVA YAGHNA S S S SUNIL KUMAR | II-I            | Sunil Kumar      |
| 4    | 16MD1A0404 | ATTILI NANDANA SAI RATNAVALI   | II-I            | A.N.S. Ratnavali |
| 5    | 16MD1A0405 | BAVISETTI GOPI                 | III-I           | B. Gopi          |
| 6    | 16MD1A0406 | BEJAGAM LAKSHMISRAVYA          | III-I           | Gopi             |
| 7    | 16MD1A0407 | BOBBADI RAJU                   | III-I           | B. Raju          |
| 8    | 16MD1A0408 | BODDU PAVAN KUMAR              | III-I           | B. Pavan         |
| 9    | 16MD1A0409 | CHALAGALLA LIKHITHA            | II-I            | Ch. Likhitha     |
| 10   | 16MD1A0410 | CHANDRALA SANGEETH CHOWDARY    | III-I           | C. Sangeetha     |
| 11   | 16MD1A0411 | CHENNA SUVARNA RATNAKUMARI     | III-I           | S. Ratnakumari   |
| 12   | 16MD1A0412 | CHITTALA VEERA V S SRI RAM     | III-I           | C.V. Ram         |
| 13   | 16MD1A0413 | EDUPUGANTI A P LAKSHMI DEVI    | III-I           | Lakshmi          |
| 14   | 16MD1A0414 | GANNAMANI JAHNAVI RAVI LAKSHMI | III-I           | J. Ravi Lakshmi  |
| 15   | 16MD1A0415 | GANTA VIJAYA KANTHI            | II-I            | G. Kanthi        |
| 16   | 16MD1A0416 | GUNDUMOGALU ANUSHA             | III-I           | Anusha           |
| 17   | 16MD1A0422 | KAPPALA DURGA PRASAD           | III-I           | K.D. Prasad      |
| 18   | 16MD1A0423 | KASI DURGARAO                  | III-I           | Durga            |
| 19   | 16MD1A0424 | KATHA GEETHA SRIVALLI          | II-I            | K. Geetha        |
| 20   | 16MD1A0425 | KOLLAPU SANDHYA                | II-I            | K. Sandhya       |
| 21   | 16MD1A0426 | KOTHAPALLI DIVYA               | III-I           | K. Divya         |
| 22   | 16MD1A0427 | KUKUNURI GEETHIKA SUPRIYA      | III-I           | K. Supriya       |
| 23   | 16MD1A0428 | MAGANTI SIREESHA               | II-I            | M. Sireesha      |



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|    |            |                              |       |                   |
|----|------------|------------------------------|-------|-------------------|
| 24 | 16MD1A0429 | MANDAVALLI NAGA SAI D LAHARI | III-I | Jeha              |
| 25 | 16MD1A0430 | MATTA NAGA SAI KRISHNA       | III-I | M.N.S.K           |
| 26 | 16MD1A0431 | MIRTHIPATI NAGESWARA RAO     | III-I | Nageswara Rao     |
| 27 | 16MD1A0433 | MOHAMMAD FAYAAZ HUSSAIN      | III-I | md. fayaz         |
| 28 | 16MD1A0434 | MULAKALURI KRISHNA CHAITANYA | III-I | M.K.Chaitanya     |
| 29 | 16MD1A0435 | NAGUBANDI V V S VINAY KUMAR  | III-I | N.V.S Vinay Kumar |
| 30 | 16MD1A0436 | NAKKA VIJAYA LAKSHMI         | III-I | N.Vijaya Lakshmi  |
| 31 | 16MD1A0437 | PATTU SARATH CHANDRA MOULI   | III-I | P.S.Chen          |
| 32 | 16MD1A0438 | POLINA LAXMI SAI PRIYANKA    | III-I | P.L.S Priyanka    |
| 33 | 16MD1A0444 | SUNDARA PRIYANKA             | III-I | Priyanka          |
| 34 | 16MD1A0445 | SUTHAPALLI H L VEERA RAGHAV  | III-I | Sh.V.R            |
| 35 | 16MD1A0446 | TALLAPUREDDY MANIKANTA       | III-I | T. Manikanta      |
| 36 | 16MD1A0449 | VELIGATLA SRILEKHA           | III-I | V.Srilekha        |
| 37 | 17MD5A0401 | ADLABOYINA RADHASIREESHA     | III-I | Radhasireesha     |
| 38 | 17MD5A0402 | CHITTURI RAMA SUBHASRI       | III-I | Rama Subhasri     |
| 39 | 17MD5A0403 | CHOLLA DURGA PRASAD          | III-I | C.Durgaprasad     |

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Principal

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|    |            |                              |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|------------------------------|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 16MD1A0424 | KATHA GEETHA SRIVALLI        | P | P | P | P | P | P | P | P | P | P | P |
| 20 | 16MD1A0425 | KOLLAPU SANDHYA              | P | P | P | P | P | A | 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 | A | 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 | A | A | A | A | A | A | A | A | A | A |
| 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 | 16MD1A0444 | SUNDARA PRIYANKA             | P | P | P | P | P | P | A | P | P | P | P |
| 34 | 16MD1A0445 | SUTHAPALLI H L VEERA RAGHAVA | P | P | P | P | P | P | P | P | P | P | P |
| 35 | 16MD1A0446 | TALLAPUREDDY MANIKANTA       | P | P | P | A | P | P | P | P | P | P | P |
| 36 | 16MD1A0449 | VELIGATLA SRILEKHA           | P | P | P | P | P | P | P | P | P | P | P |
| 37 | 17MD5A0401 | ADLABOYINA RADHASIREESHA     | P | P | P | P | P | P | P | P | P | P | P |
| 38 | 17MD5A0402 | CHITTURI RAMA SUBHASRI       | P | P | P | P | P | P | P | P | P | P | P |
| 39 | 17MD5A0403 | CHOLLA DURGA PRASAD          | P | P | P | P | P | P | P | P | P | P | P |

Principal

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



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

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



Date: 21-08-2018

### PROGRAM REPORT

Name and Title of the Program: A Two-Week Certificate Program on “**Computer Vision & Image Process**”.

**Date & Time** : 06-08-2018 to 18-08-2018 & 10:00 AM to 5:00 PM.

**Resource Person**: Mr R.Srinivas, Assistant Professor, ECE-Dept, RIET.

**Name of The Coordinator**: Mrs. B Vijaya, Assistant Professor, ECE-Dept, RIET.

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

1. Computer vision uses image processing to recognize and categorize image data.
2. In fact, CV is becoming more adept at identifying patterns from images than the human visual cognitive system.
3. CV technology is being used across industries from healthcare and media to gaming and transportation
4. Vehicles use CV to track objects and surroundings and to enable driver assistance system and autonomous navigation.

#### **Outcomes of the Program:**

1. Image processing is used in a growing number of applications in our daily lives as well as in research.
2. Image processing is utilized for medical images, radar images, natural images, seismic data etc. in addition to robot vision.
3. Elements from both traditional image processing and computer vision are used to construct systems for robot (machine) vision.
4. There is a rapid development in this field and applications are found in both industry and research.

**No. of Participants: 39**



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### RESOURCE PERSON PROFILE

**Name of the Certificate Program:** A Two-Week Certificate Program on “Computer Vision & Image Process”.



**Name of the Resource Person: Mr. R.SRINIVAS**

He completed M.Tech in ECE at JNTUK, 10 years of excellent teaching skills in relevant subjects. His area of specialization on Computer Vision & Image process and Best Knowledge in Computer Vision. 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.

  
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BHOOPALAPATNAM.  
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Coordinator



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

P: +91 9121214413



## Participation Certificate

This is to certify that

✓  
Mr./Mrs./Ms. K. Durga Rao

*has participated in*

*An Add-On Two Week Certificate Program*

*On "Computer vision & Image Process"*

*06/08/2018 to 18/08/2018*

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BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.

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

Dr. V. L. Narayana  
Principal



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## Participation Certificate

This is to certify that

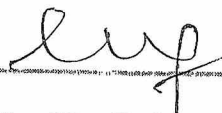
Mr./Mrs./Ms. Gr. Vijaya Kanthi

has participated in  
An Add-On Two Week Certificate Program

On "Computer vision & Image Process"

06/08/2018 to 18/08/2018

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



Dr. V. L. Narayana  
Principal



Date: 29-10-2018

**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 Open Source Software” on 5<sup>th</sup> November 2018 to 17<sup>th</sup> November 2018. All the students give their names to coordinator listed below on or before 03<sup>rd</sup> November 2018. Hence all the students here by informed to attend the classes without fail.

**Venue:** Seminar Hall, RIET

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

*Ch*

Principal

(Dr V.Lakshmi Narayana)

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

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| BRANCH           | CSE              | Mech.               | ECE             | EEE       | S&H              |
|------------------|------------------|---------------------|-----------------|-----------|------------------|
| B.Tech. 1st Year |                  |                     |                 | -----     |                  |
| B.Tech. 2nd Year |                  |                     | <i>PA</i>       | -----     | -----            |
| B.Tech. 3rd Year | <i>Geel @alf</i> | <i>Ky</i>           | <i>J</i>        | <i>A</i>  | -----            |
| B.Tech. 4thYear  |                  |                     |                 |           | -----            |
| ALL HOD'S        | <i>do</i>        | <i>V. Ravikiran</i> | <i>Key</i>      | <i>JB</i> | <i>Dripuluvu</i> |
| IQAC             | ACCOUNTS         | PLACEMENT CELL      | TRANSPORT DEPT. | LIBRARY   | EXAM SECTION     |
| <i>do</i>        | <i>D</i>         | <i>W</i>            | <i>Pran</i>     | <i>AR</i> | <i>g</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. V. Lakshmi Narayana**

Principal, RIET

### Convener

**Dr. R. Rambabu Reddy**

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

Email id: [cse.hod@rietry.co.in](mailto:cse.hod@rietry.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 "Open Source Software"

### 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:

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**HOD**



## A Two-Week Certificate Program on "Open Source Software"

*Schedule:*

*05-11-2018 to 17-11-2018*

*Venue: Seminar Hall*



Organized  
by  
Department of  
Computer Science and Engineering

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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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



Open source software is a program that champions open collaboration, transparency, and community-driven development. It allows free access to source code, fosters innovation, offers customization, and promotes ethical principles. This approach has reshaped the technology landscape, creating a global community of developers and users focused on accessible, innovative, and ethical software development.

## Resource Person

**Mrs. K.S N.V. Jyotsna Devi**

Associate Professor,  
Department of Computer Science  
and Engineering

Mobile No: +91 9581422334

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







Date: 01-11-2018

**PROGRAM SCHEDULE**

Program Schedule for A Two-Week Certificate Program on “Open Source Software”

| Duration  | Program  |
|---|--|
| <b>Day1:</b> 05-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Introduction to Open Source Software:</b> <ul style="list-style-type: none"><li>➤ Definition and principles of open source software.</li><li>➤ Historical context and key open source projects.</li></ul>   |
| <b>Day2:</b> 06-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Development Tools:</b> <ul style="list-style-type: none"><li>➤ Introduction to development tools like Git and GitHub.</li><li>➤ Setting up a development environment.</li><li>➤ Cloning and contributing to open source projects.</li></ul>   |
| <b>Day3:</b> 07-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Collaboration:</b> <ul style="list-style-type: none"><li>➤ Collaborative development models.</li><li>➤ GitHub collaboration features (pull requests, issues, etc.).</li><li>➤ Best practices for effective collaboration.</li></ul>           |
| <b>Day4:</b> 08-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Version Control with Git:</b> <ul style="list-style-type: none"><li>➤ Understanding Git fundamentals.</li><li>➤ Git workflows and branching strategies.</li><li>➤ Hands-on Git exercises.</li></ul>   |
| <b>Day5:</b> 09-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Licensing and Legal Aspects:</b> <ul style="list-style-type: none"><li>➤ Common open source licenses.</li><li>➤ Licensing considerations for developers and projects.</li><li>➤ Intellectual property and copyright in open source.</li></ul> |
| <b>Day6:</b> 10-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Project Management:</b> <ul style="list-style-type: none"><li>➤ Overview of project management tools (e.g., Jira).</li><li>➤ Agile methodologies and project tracking.</li><li>➤ Organizing and leading open source projects.</li></ul>       |
| <b>Day7:</b> 12-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Community Building and Documentation:</b> <ul style="list-style-type: none"><li>➤ Building and nurturing an open source community.</li><li>➤ Documentation importance and best practices.</li><li>➤ Writing and maintaining documentation.</li></ul>      |
| <b>Day8:</b> 13-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Code of Conduct and Ethics:</b> <ul style="list-style-type: none"><li>➤ Code of conduct in open source.</li><li>➤ Ethical considerations in open source development.</li><li>➤ Ensuring an inclusive and welcoming community.</li></ul>       |



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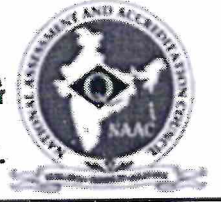


|  |  |
|--|--|
| <b>Day9:</b> 14-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM  | <b>Security in Open Source:</b> <ul style="list-style-type: none"><li>➤ Open source security practices.</li><li>➤ Managing security vulnerabilities.</li><li>➤ Handling open source dependencies.</li></ul>  |
| <b>Day10:</b> 15-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Licensing Compliance:</b> <ul style="list-style-type: none"><li>➤ Ensuring license compliance in open source projects.</li><li>➤ Licensing tools and best practices.</li><li>➤ Handling license violations and remedies.</li></ul>                            |
| <b>Day11:</b> 16-11-2018<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Open Source Business Models:</b> <ul style="list-style-type: none"><li>➤ Commercial use of open source.</li><li>➤ Open core, dual licensing, and support models.</li><li>➤ Monetizing open source projects.</li></ul>   |
| <b>Day12:</b> 17-11-2018<br>09:30AM-12:30PM<br>01:30PM-02:00PM | <b>Open Source Project Case Studies and Future Trends:</b> <ul style="list-style-type: none"><li>➤ Exploring successful open source projects.</li><li>➤ Emerging trends in open source software development.</li><li>➤ Final project presentations and discussion.</li></ul> |

  
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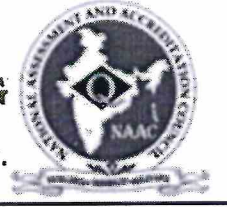
**NAME OF THE PROGRAM : A Two Week Certificate Program on Open Source Software**  
**STUDENTS LIST**

| S.NO | REDG. NO.  | NAME OF THE STUDENT                  | YEAR/<br>BRANCH | SIGNATURE         |
|------|------------|--------------------------------------|-----------------|-------------------|
| 1.   | 16MD1A0501 | ADAPA SAI VAMSI KRISHNA              | III-I           | A.S.v.krishna     |
| 2.   | 16MD1A0502 | ADDALA SUMA                          | III-I           | A.suma.           |
| 3    | 16MD1A0504 | AHUJA HEENA                          | III-I           | A.Heena           |
| .4.  | 16MD1A0506 | AMANI B H                            | III-I           | Amani Bh          |
| 5.   | 16MD1A0507 | ARADYULA NAGA ISHWARYA               | III-I           | A.N.Ishwarya      |
| 6.   | 16MD1A0508 | ATTADA JAYA DEVI                     | III-I           | A.J. DEVI         |
| 7.   | 16MD1A0509 | BHAMIDIPATI V S R C N S SAMEER KUMAR | III-I           | BVSRCS kumar      |
| 8    | 16MD1A0511 | BUSI PANDU                           | III-I           | B.pandu           |
| 9    | 16MD1A0512 | CHELLURI VINDHYA MANUSHA             | IV-I            | C.vindhya manusha |
| 10   | 16MD1A0513 | CHIPPADA SAI ANVESH                  | III-I           | Ch.sai Anvesh     |
| 11   | 16MD1A0514 | CHODISETTI JAGADEESWARI              | III-I           | C.Jagadeeswari    |
| 12   | 16MD1A0515 | CHUNDRU SOWMYA                       | III-I           | C.Sowmya.         |
| 13   | 16MD1A0516 | DADI LAKSHMI PARVATHI                | III-I           | D.L.Pavathir      |
| 14   | 16MD1A0517 | GARAPATI MOUNIKA                     | III-I           | G.Mounika         |
| 15   | 16MD1A0518 | INDUKURI ROHINI                      | IV-I            | I.Rohini          |
| 16   | 16MD1A0519 | JONNALAGADDA MANIDEEP                | III-I           | J.Manideep        |
| 17   | 16MD1A0520 | KANURI DURGA PRASAD                  | III-I           | K.Durga Prasad    |
| 18   | 16MD1A0521 | KARRI NAGA LAKSHMI                   | III-I           | K.N.Lakshmi       |
| 19   | 16MD1A0522 | KONDAPALLI KALANJALI                 | III-I           | K.Kalanjali       |
| 20   | 16MD1A0523 | KORADA SURYAMAHATHI                  | IV-I            | K.Suryamahathi.   |
| 21   | 16MD1A0524 | KURUMILLI BALA TRIPURA SUNDARI       | III-I           | K.B.T. Sundari    |
| 22   | 16MD1A0525 | MADDI VENKATA JAYA PRAKASH           | III-I           | M.V.J. prakash    |
| 23   | 16MD1A0526 | MADHAVARAPU SASI SUSHMA              | III-I           | M.S. Sushma       |
| 24   | 16MD1A0527 | MANDA VENKATA MADHU KUMAR            | III-I           | M.V.M. Kumav      |
| 25   | 16MD1A0528 | MAVIREDDY ANANTHA LAKSHMI            | III-I           | M.A. Lakshmi      |



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|    |            |                                     |       |                   |
|----|------------|-------------------------------------|-------|-------------------|
| 26 | 16MD1A0529 | MENDA VARALAKSHMI                   | III-I | M. Vara Lakshmi   |
| 27 | 16MD1A0530 | NALLAKULA MAHA LAKSHMI SOWNDARYA    | III-I | N.M. Lakshmi      |
| 28 | 16MD1A0531 | NUNE VENNELA                        | II-I  | N. Vennele        |
| 29 | 16MD1A0532 | NUNNA ASWINI                        | IV-I  | N. Aswini         |
| 30 | 16MD1A0533 | PATHI SAITEJA                       | II-I  | P. SAITEJA        |
| 31 | 16MD1A0534 | PATHURI NAVYA SREE                  | III-I | P. Navya Sree     |
| 32 | 16MD1A0535 | PEDAPUDI MANOJ KUMAR                | III-I | P. M. Kumar       |
| 33 | 16MD1A0536 | POTHULA CHARIMA DEVI                | III-I | P.C. Devi         |
| 34 | 16MD1A0537 | PUCHAKAYALA VAMSI KRISHNA           | IV-I  | P. Vamsi Krishna  |
| 35 | 16MD1A0538 | RAMPAM LAKSHMI PRIYANKA             | II-I  | R.L. Priyanka     |
| 36 | 16MD1A0539 | RAMPAM SRIDURGA                     | IV-I  | R. Sri Durga      |
| 37 | 16MD1A0540 | SADANALA YAMUNA SANDHYA             | IV-I  | S.Y. Sandhya      |
| 38 | 16MD1A0541 | SANDEEP SAI TUTTA                   | III-I | S. SAI TUTTA      |
| 39 | 16MD1A0542 | SEERAPU SRIKAR REDDY                | III-I | S. Srikar Reddy   |
| 40 | 16MD1A0554 | ADURI VYSHNAVI                      | III-I | A. Vyshnavi       |
| 41 | 16MD1A0555 | ALLU DEVI SRAVANI                   | II-I  | A.D. SRAVANI      |
| 42 | 16MD1A0556 | ALLURU DURGA PRASUNA                | III-I | A.D. prasuna      |
| 43 | 16MD1A0557 | ALUPANA KISHORE KUMAR REDDY         | II-I  | A.K. Kumar reddy  |
| 44 | 16MD1A0558 | BATHULA MANIKANTHA                  | III-I | B. Manikanta      |
| 45 | 16MD1A0559 | BOBBARA MANI KANTA SWAMY            | III-I | B.M. K Swamy      |
| 46 | 16MD1A0560 | BONTHU SAI BHAVANI RAVITEJA         | III-I | C. Anishah        |
| 47 | 16MD1A0561 | CHALLA AVINASH                      | III-I | C. Avinash        |
| 48 | 16MD1A0562 | CHILAKAMARRI RAMACHANDRA SRI HARSHA | III-I | C.R.S. Harsha     |
| 49 | 16MD1A0563 | CHUNDRU LALITHA RANI                | IV-I  | C. Lalitha Rani   |
| 50 | 16MD1A0564 | DASARI MANIKUMAR                    | III-I | D. Mani Kumar     |
| 51 | 16MD1A0566 | DEVANABOYENA MOUNIKA SUSMI RANI     | III-I | Rani              |
| 52 | 16MD1A0567 | DHAVILESWARAPU SRI LAKSHMI PRASANNA | II-I  | DSL. Prasanna     |
| 53 | 16MD1A0568 | DOGIPARTHI LAKSHMI JYOTHI           | III-I | D. Lakshmi Jyothi |
| 54 | 16MD1A0569 | DWARAMPUDI TARUN VENKATA SIVA KUMAR | III-I | D.T.V.S. 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@rietryj.co.in Website: www.rietryj.co.in Ph: +91 91212 14413



|    |            |  |       |                    |
|----|------------|--|-------|--------------------|
| 55 | 16MD1A0570 | GUMPANI HEMA                             | III-I | Go. Hema           |
| 56 | 16MD1A0571 | KANAMATHAREDDY VENKATA SAI TARUN K REDDY | IV-I  | K.V.S.T.K.Reddy    |
| 57 | 16MD1A0572 | KODAVALI GAYATRI VENKATA LAKSHMI ALEKYA  | IV-I  | K.G.V.L.Alekya     |
| 58 | 16MD1A0573 | KOPPISETTI SOWJANYA                      | III-I | k. soujanya.       |
| 59 | 16MD1A0574 | KOTHAPALLI SRIVANI                       | IV-I  | k. Srivani         |
| 60 | 16MD1A0576 | MAJJI HARIKA                             | III-I | M. Harika.         |
| 61 | 16MD1A0577 | MATTA DEVIKA                             | III-I | M. DEVIKA          |
| 62 | 16MD1A0578 | MAVILLA SAI MAANASA                      | IV-I  | M. Sai manasa.     |
| 63 | 16MD1A0579 | MAVURI NAGA ANUHYA                       | IV-I  | M.N. Anuhya        |
| 64 | 16MD1A0580 | MOGALATURTHI BHAVYASRI                   | III-I | M. Bhavyasri       |
| 65 | 16MD1A0581 | MUTYALA VENKATA SATYANARAYANA            | III-I | M.V. satyanarayana |
| 66 | 16MD1A0582 | NANDIVADA MOHANAPRIYA                    | IV-I  | N.m. Mohanapriya   |
| 67 | 16MD1A0583 | NARA LALITHA                             | IV-I  | N. Lalitha         |
| 68 | 16MD1A0584 | NUDURUMATI LAKSHMIMADHURI                | III-I | N. Lakshmi madhuri |
| 69 | 16MD1A0588 | PATAPATI VENKATA HARSHA VARDHAN VARMA    | IV-I  | P.V.H. Harsha      |
| 70 | 16MD1A0589 | PEMMANABOYINA LALITHA VENKATA GAYATRI    | IV-I  | G. Gayatri         |
| 71 | 16MD1A0590 | PENDURTHI RAMYA SREE                     | IV-I  | P. Sree            |
| 72 | 16MD1A0591 | PILLI BABUMOHAN                          | IV-I  | P. Babumohan       |
| 73 | 16MD1A0592 | PINNAMANI PRATYUSHA                      | III-I | P. Pratyusha       |
| 74 | 16MD1A0593 | POLAMURI JAGADISH                        | IV-I  | P. Jagadish        |
| 75 | 16MD1A0594 | POLINA DEVI SRI                          | IV-I  | P. Devi sri        |
| 76 | 16MD1A0595 | POLINA JASMITHA                          | III-I | P. Jasmitha.       |
| 77 | 16MD1A0596 | POTHABATHULA JAYA ALEKHYA                | III-I | P. Alekhya         |

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











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|    |            |                                       |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 16MD1A0581 | MUTYALA VENKATA 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 | A |
| 68 | 16MD1A0584 | NUDURUMATI LAKSHMIMADHURI             | P | A | P | P | P | P | P | P | P | P | P | P |
| 69 | 16MD1A0588 | PATAPATI VENKATA HARSHA VARDHAN VARMA | P | P | P | P | P | P | P | P | P | P | P | P |
| 70 | 16MD1A0589 | PEMMANABOYINA LALITHA VENKATA 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                   | A | A | A | A | A | A | A | A | A | A | A | A |
| 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 |

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Date:21-11-2018

### PROGRAM REPORT

Name and Title of the Program:A Two-Week Certificate Program on “Open Source Software”

**Course of Duration:** 05-11-2018 to 17-11-2018

#### **Objective of the Program:**

The objectives of open source software revolve around the principles of transparency, collaboration, cost-efficiency, and innovation. They aim to provide accessible, customizable, and trustworthy software while promoting ethical development practices. Open source software fosters a vibrant community, encourages vendor independence, and supports diverse applications. These objectives collectively create an ecosystem that champions openness, collaboration, and innovation in software development.

#### **Out Come of the Program:**

Open source software outcomes include cost savings, high-quality software, customization, trust, security, innovation, and vendor independence. It promotes ethical development, supports sustainability, and offers educational value. Open source fosters a global community of collaboration, making it a significant force in the software industry.

**No. of Participants:**77



**RESOURCE PERSON PROFILE**

Name of the Certificate Program: A Two-Week Certificate Program on “Open Source Software”



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

She was completed M.Tech, Seven years of experience in the Teaching field with good communication and quick learning skills that offer opportunities to excel and enhance my knowledge, which can be shared to achieve organizational and individual goals.

  
Coordinator

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



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

P: +919121214413



**Participation Certificate**


This is to certify that


✓  
Mr./Mrs./Ms. SEERAPU SRIKAR REDDY.

has participated in

A Two-Week Certificate on "Open Source Software"

05/11/18 to 17/11/18

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

  
Dr. V. L. Narayana  
Principal

  
PRINCIPAL  
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**Participation Certificate**


This is to certify that


Mr./Mrs./Ms. ✓ PATHURT NAVYA SREE

has participated in

A Two-Week Certificate on "Open Source Software"

05/11/18 to 17/11/18

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

  
Dr. V. L. Narayana  
Principal

  
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Date: 14-12-2018

### 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 "Engineering Mechanics" from 24-12-2018 to 05-01-2019. All the students give their names to the coordinator listed below on or before 21<sup>st</sup> December 2018. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET

Co-ordinator: Mr. A Rupesh, Dept of Mech, RIET.

Principal

(Dr. V Lakshmi Narayana)

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

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| BRANCH           | CSE           | Mech.          | ECE             | EEE       | S&H          |
|------------------|---------------|----------------|-----------------|-----------|--------------|
| B.Tech. 1st Year |               |                |                 | -----     |              |
| B.Tech. 2nd Year |               | KS             |                 | -----     | -----        |
| B.Tech. 3rd Year |               | KS             |                 |           | -----        |
| B.Tech. 4th Year |               | Ag             |                 |           | -----        |
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| IQAC             | ACCOUNTS      | PLACEMENT CELL | TRANSPORT DEPT. | LIBRARY   | EXAM SECTION |
| <del>KS</del>    | A             | B              | man             | Ah        | KS           |

## 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. A. Ravindra**

Head of the Department

Department of Mechanical Engineering

Email id: [ravindra889@gmail.com](mailto:ravindra889@gmail.com)

### Coordinator

**Mr. A.R.V. Ramana**

Assistant Professor

Department of Mechanical Engineering

Mobile No: +91 9505737537

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

## A Two-Week Certificate Program on

## “ENGINEERING MECHANICS”

### 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:

  
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HOD



## A Two-Week Certificate Program on

## “ENGINEERING MECHANICS”

*Schedule:*

**24/12/2018 to 05/01/2019**

**Venue: Seminar Hall**



Organized

by

Department of  
Mechanical Engineering

**RAJAMAHENDRI**  
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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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

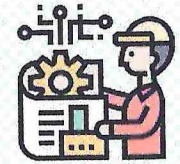
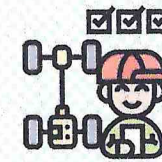
adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## 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, mettalarly 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 the Program



Understanding of Simple mechanisms, explanation on different cranes, laws of motions, basics of friction, general principles of mechanisms, collision, impact of bodies. Advanced simple mechanisms. Introduction simple machine, compound machine, simple gear drive, simple gear train, velocity ratio of a simple gear train, velocity ratio, compound gear train, terminology in simple lifting machine, law of machine, maximum mechanical advantage (max. M.A.).

## Learning outcomes

- Understand the basics, various types, mechanisms and Applications involved in engineering mechanics.
- advanced mechanisms and technology
- Energy transformations from one form to another form.
- Applications and advantages of engineering mechanics.

## Resource Person

**Dr. V. Lakshmi Narayana**

Principal,

RIET.

Mobile no. : +91 9442048467

Email id: [ven\\_vamsi@yahoo.com](mailto:ven_vamsi@yahoo.com)







Date: 18/12/2018

**PROGRAM SCHEDULE**

Program Schedule for Two Week Add-on Program on "Engineering Mechanics"

| Duration   | Program  |
|--|--|
| <b>Day1:</b> 24/12/18<br>10:00AM-12:40<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• Introduction to the Engineering Mechanics</li><li>• History of Engineering Mechanics</li><li>• Advanced Mechanisms</li></ul> |
| <b>Day2:</b> 26/12/18<br>10:00AM-12:40<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• Types of Mechanisms</li><li>• General applications</li><li>• Advanced mechanics in aero space</li></ul>                      |
| <b>Day3:</b> 27/12/18<br>10:00AM-12:40<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• Simple mechanisms</li><li>• Mechanisms in manufacturing technology</li></ul>   |
| <b>Day4:</b> 28/12/18<br>10:00AM-12:30<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• gear trains</li><li>• lifting machines</li></ul>   |
| <b>Day5:</b> 29/12/18<br>10:00AM-12:30<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• friction</li><li>• types of frictions in mechanisms</li></ul>  |
| <b>Day6:</b> 31/12/18<br>10:00AM-12:30<br>1:30PM-3:30PM    | <ul style="list-style-type: none"><li>• pulley and sleve</li><li>• Mechanisms in cranes</li></ul>  |
| <b>Day7:</b> 02/01/2019<br>10:00AM-12:30<br>1:30PM-3:30PM  | <ul style="list-style-type: none"><li>• Principles of kinematics</li><li>• Energy transformations</li></ul>  |
| <b>Day8 :</b> 03/1/2019<br>10:00AM-12:30<br>1:30PM-3:30PM  | <ul style="list-style-type: none"><li>• Linear and non linear motions</li><li>• Rectilinear motions</li></ul>  |
| <b>Day9 :</b> 4/1/2019<br>10:00AM-12:30<br>1:30PM-3:30PM   | <ul style="list-style-type: none"><li>• Computer aided design in mechanics</li><li>• Motion to advanced machines</li></ul>   |
| <b>Day10 :</b> 05/1/2019<br>10:00AM-12:30<br>1:30PM-3:30PM | <ul style="list-style-type: none"><li>• Applications, advantages and dis advantages in engineering mechanics.</li></ul>  |

*A. Raperla*  
CO-ORDINATOR



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### NAME OF THE PROGRAM : A Two Week certificate Program on Engineering Mechanics STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT                | YEAR BRANCH | SIGNATURE             |
|------|------------|------------------------------------|-------------|-----------------------|
| 1    | 15MD1A0301 | ADAPA SURYA VENKATA KRISHNA TEJA   | IV-II       | A. Krishna Teja       |
| 2    | 15MD1A0302 | ANGANI SATISH KUMAR                | IV-II       | A. Satish             |
| 3    | 15MD1A0303 | AREM VIJAYA BHASKAR                | IV-II       | A.V. Bhaskar          |
| 4    | 15MD1A0304 | BALUSULA SATYA PRAKASH             | IV-II       | B.S. Prakash          |
| 5    | 15MD1A0305 | BHURE BHANU MANIKANTA              | IV-II       | B. B Manikanta        |
| 6    | 15MD1A0306 | CHEKKAPALLI VARAPRASAD             | IV-II       | C. varaprasad         |
| 7    | 15MD1A0307 | DANGETI NAGA SAI DURGA VARA PRASAD | IV-II       | D. N. S. D. V. Prasad |
| 8    | 15MD1A0308 | DEKKA ROSHAN AVINADH               | IV-II       | D. Roshan             |
| 9    | 15MD1A0309 | DEYYALA PRABHU KIRAN               | IV-II       | P. prabhukiran        |
| 10   | 15MD1A0310 | EDUPUGANTI SRI V LAKSHMANA PRASAD  | IV-II       | E.S.V. Prasad         |
| 11   | 15MD1A0311 | EETHAKOTA ANAND                    | IV-II       | E. Anand              |
| 12   | 15MD1A0312 | GANDRALA V V CHANDRASEKHAR REDDY   | IV-II       | E. Anand              |
| 13   | 15MD1A0313 | GOLLAVILLI SIVANAGESWARA RAO       | IV-II       | G. Sivanageswara Rao  |
| 14   | 15MD1A0314 | GONDELA VENKATA SAICHANDU          | IV-II       | G. V. S. Chandu       |
| 15   | 15MD1A0316 | GUDDATI VEERA BABU                 | IV-II       | G. VEERA BABU         |
| 16   | 15MD1A0317 | INAVILLI KODHANDA SATYA AKHIL      | IV-II       | I. K. S. Akhil        |
| 17   | 15MD1A0318 | JAKKANA JAGADEESH                  | IV-II       | J. Jagadeesh          |
| 18   | 15MD1A0319 | KODURI PHANI BHUSHAN               | IV-II       | K. P. Bhushan         |
| 19   | 15MD1A0320 | KOKKIRIPATI TARUN KUMAR            | IV-II       | K. Tarun Kumar        |
| 20   | 15MD1A0321 | KONDREDDI SANDEEP KUMAR            | IV-II       | K. SANDEEP KUMAR      |
| 21   | 15MD1A0322 | KOPPISETTI JAGADEESH               | IV-II       | K. Jagadeesh          |
| 22   | 15MD1A0323 | KOTTAPALLI BALAJI                  | IV-II       | K. Balaji             |
| 23   | 15MD1A0324 | MANEPALLI GANGADHAR                | IV-II       | M. Gangadhar          |
| 24   | 15MD1A0325 | MANGA MANIKONDA PREM KUMAR         | IV-II       | M. M. Prem Kumar      |
| 25   | 15MD1A0326 | MOHAMMAD AZHAR                     | IV-II       | MD. AZHAR             |



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|    |            |                                |               |                      |
|----|------------|--------------------------------|---------------|----------------------|
| 26 | 15MD1A0328 | MUNGARA CHANDU MANIKANTA       | M.C. Manikant | M.C. Manikanta       |
| 27 | 15MD1A0329 | NANDURI VEERENDRA              | V-V           | veerendra            |
| 28 | 15MD1A0330 | NIMMAKAYALA VIVEK              | V-V           | N. vivek             |
| 29 | 15MD1A0331 | OLETI VISWANATH                | V-V           | O. viswanath         |
| 30 | 15MD1A0332 | PALLI JOHN DAVID               | V-V           | P. John David        |
| 31 | 15MD1A0334 | POLISETTI KRISHNA              | V-V           | P. Krishna           |
| 32 | 15MD1A0335 | POSINA RAJESH BABU             | V-V           | P. Rajesh Babu       |
| 33 | 15MD1A0336 | PUPPALA PRABHAKARA RAO         | V-V           | R. Prabhakar Rao     |
| 34 | 15MD1A0337 | RAPAKA RAJESH BABU             | V-V           | R. R. BABU           |
| 35 | 15MD1A0338 | REGALAPATI PRUDHVI RAJ         | V-V           | R. Prudhvi Raj       |
| 36 | 15MD1A0339 | SAMPARA DATTA SAI PAVAN        | V-V           | S. D. S. PAVAN       |
| 37 | 15MD1A0340 | SANCHANA RAMA KRISHNA          | V-V           | S. Ramakrishna       |
| 38 | 15MD1A0341 | TADIPARTHI TEJA KRISHNA        | V-V           | T. T. Krishna        |
| 39 | 15MD1A0342 | UPPULURI SRIRAM CHAND          | V-V           | U. Sriram Chand      |
| 40 | 15MD1A0343 | VAKADA SUNNY RAVIKANTH         | V-V           | V. S. Ravi Kanth     |
| 41 | 15MD1A0344 | VEMULA RAJU                    | V-V           | V. Raju.             |
| 42 | 15MD1A0345 | YEGGINA UMA SESA SRI Y KUMAR   | V-V           | Y. U. S. S. Y. Kumar |
| 43 | 16MD5A0301 | DAMODARI JITENDRA KUMAR        | V-V           | J. Kumar             |
| 44 | 16MD5A0302 | GUTTI SIVA NAGA SURENDRA       | V-V           | G. S. N. Surendra    |
| 45 | 16MD5A0303 | NAKKA SIVA SAI DURGA PRASAD    | V-V           | N. S. D. Prasad      |
| 46 | 16MD5A0304 | PADALA NARESH                  | V-V           | P. Naresh            |
| 47 | 16MD5A0305 | PALIVELA RAJESH                | V-V           | P. Rajesh            |
| 48 | 16MD5A0306 | PAPPU ARAVIND                  | V-V           | P. Aravind           |
| 49 | 16MD5A0307 | PASUPULETI RAMESH              | V-V           | P. Ramesh            |
| 50 | 16MD5A0308 | VASAMSETTI JAI SRI D SAIGANESH | V-V           | V. S. D. S. Ganesh   |
| 51 | 16MD1A0301 | AKULA PRAVEEN KUMAR            | V-V           | A. P. Kumar          |
| 52 | 16MD1A0302 | CHANDRU SAI SHANKAR            | V-V           | C. S. Shankar        |
| 53 | 16MD1A0303 | DEEPAK SIMON BEERA             | V-V           | D. SIMON BEERA       |
| 54 | 16MD1A0304 | GONDESI PENTAYYA REDDY         | V-V           | G. P. Reddy          |



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|    |            |                                |          |                      |
|----|------------|--------------------------------|----------|----------------------|
| 55 | 16MD1A0305 | KONA HEMASIVA SATYA SUMANTH    | III - II | K. H. M. Sumanth     |
| 56 | 16MD1A0306 | KORELEPARA RAMA KRISHNA        | III - II | K. R. Krishna        |
| 57 | 16MD1A0307 | MALLA PAVAN SRINIVAS           | III - II | M. P. Srinivas       |
| 58 | 16MD1A0308 | MALLULA VEERA VENKATA KALYAN   | III - II | M. V. Venkata Kalyan |
| 59 | 16MD1A0309 | MANGALAMPALLI SIVA PRASAD      | III - II | P. Prasad            |
| 60 | 16MD1A0310 | MULAPARTHI PAVAN KUMAR         | III - II | M. Pavan             |
| 61 | 16MD1A0311 | NARALA DURGA V NARAYANA SWAMY  | III - II | N. D. V. N. Swamy    |
| 62 | 16MD1A0312 | PASALAPUDI SANDEEP             | III - II | P. Sandeep           |
| 63 | 16MD1A0313 | PATHI SARVARAYUDU              | III - II | Sarvarayudu          |
| 64 | 16MD1A0314 | PENDEM SANDEEP                 | III - II | P. Sandeep           |
| 65 | 16MD1A0315 | PENUMATSA PRUTHEVI RISHI VARMA | III - II | P. Sushil            |
| 66 | 16MD1A0316 | RAGU SRIKAR                    | III - II | R. Srikar            |
| 67 | 16MD1A0317 | RUDRARAJU SANTHOSH KUMAR RAJU  | III - II | R. S. Kumar Raju     |
| 68 | 16MD1A0318 | SHAIK SOHIL                    | III - II | S. Sohail            |
| 69 | 16MD1A0319 | SIDDA VEERENDRA                | III - II | S. Veerendra         |
| 70 | 16MD1A0320 | VYTTLA AVINASH CHOWDARY        | III - II | B. A. Chauri         |
| 71 | 17MD5A0301 | AKULA KARTHIK                  | III - II | A. Karthik           |
| 72 | 17MD5A0302 | AYINAMPUDI SRINIVASU           | III - II | A. Srinivasu         |
| 73 | 17MD5A0303 | CHINTA HIMA VAMSY              | III - II | Chinta Vamsy         |
| 74 | 17MD5A0304 | DEVARAPALLI RAMAKRISHNA        | III - II | Devarakrishna        |
| 75 | 17MD5A0305 | DOWLURI SATYA MOHAN            | III - II | D. Satya Mohan       |
| 76 | 17MD5A0306 | GORRELA NAGARJUNA              | III - II | G. Nagarjuna         |
| 77 | 17MD5A0307 | KAMISSETTI BHARATH RAJESH      | III - II | K. B. Rajesh         |
| 78 | 17MD5A0308 | KASIREDDY SURESH               | III - II | K. Suresh            |
| 79 | 17MD5A0309 | KONDEBATHULA VENKATESH         | III - II | K. Venkatesh         |
| 80 | 17MD5A0310 | KOSINTI VEERENDRA              | III - II | K. Veerendra         |
| 81 | 17MD5A0311 | LAVETI SURESH GOPI             | III - II | L. S. Gopi           |
| 82 | 17MD5A0312 | MARISSETTI BABJI               | III - II | M. Babji             |
| 83 | 17MD5A0313 | MEESALA NAVEEN ASEERWAD        | III - II | M. N. A. Seerwad     |



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|     |            |                               |          |                     |
|-----|------------|-------------------------------|----------|---------------------|
| 84  | 17MD5A0314 | MEESALA PRAVEEN               | III - II | M. Praveen          |
| 85  | 17MD5A0315 | NURUKURTHI TRILOK             | IV - II  | N. Trilok           |
| 86  | 17MD5A0316 | PATNALA CHANDRA MOULI         | III - II | P. Chandra Mouli    |
| 87  | 17MD5A0317 | PIKKILI KASHI BABU            | III - II | P.K. babu.          |
| 88  | 17MD5A0318 | PUCHALA RAMA BRAHMAJI         | III - II | P. R. Brahmaji      |
| 89  | 17MD5A0319 | PULLURI PRUDHVI RAJESH        | III - II | P. P. Rajesh        |
| 90  | 17MD5A0320 | ROKKAM KALYAN                 | III - II | R. Kalyan           |
| 91  | 17MD5A0321 | TALLURI KRISHNA GANESH        | III - II | T. K. Ganesh        |
| 92  | 17MD5A0322 | THUMMAGUNTA HAREESH           | III - II | T. Hareesh          |
| 93  | 17MD5A0323 | VANAPALLI VAMSIKRISHNA        | IV - II  | V. Vasanth Krishna  |
| 94  | 17MD5A0324 | VETSHA JYOTHI SWAROOP         | III - II | V. V. Krishna       |
| 95  | 17MD5A0325 | YATLA SATHISH KUMAR           | III - II | Y. Sathish Kumar    |
| 96  | 17MD5A0326 | YENNETI ANIL KUMAR            | III - II | Y. Anil Kumar       |
| 97  | 17MD5A0327 | YEPURI VENKATA MANIKANTA      | III - II | Y. V. Manikanta.    |
| 98  | 17MD1A0301 | AFRIDI ANSARI                 | II - II  | A. Ansari           |
| 99  | 17MD1A0302 | ARE RAKESH                    | IV - II  | A. Rakesh           |
| 100 | 17MD1A0303 | BESAPU SAI PRAVEEN            | II - II  | B. Praveen          |
| 101 | 17MD1A0304 | BHUSHANAMENI DURGA PRASAD     | II - II  | B. Prasad           |
| 102 | 17MD1A0305 | CHAKRALA VENKATA DURGA PRASAD | II - II  | Ch. Prasad          |
| 103 | 17MD1A0306 | CHALLANGI SIVA RAMA KRISHNA   | II - II  | C. Sivarama Krishna |
| 104 | 17MD1A0307 | CHIKKALA SAI SWAMY            | II - II  | C. S. Swamy         |
| 105 | 17MD1A0308 | GADA NAGASAI                  | II - II  | G. Nagasai          |
| 106 | 17MD1A0310 | GARAGALA PRAVEEN              | II - II  | G. Praveen          |
| 107 | 17MD1A0311 | GARRE SRINIVAS                | II - II  | G. Srinivas         |
| 108 | 17MD1A0312 | GOSULA SOMA SEKHAH            | II - II  | G. Srinivas         |
| 109 | 17MD1A0313 | JALLEPALLI RAMESH             | II - II  | J. Ramesh           |
| 110 | 17MD1A0314 | KALABATHULA JOY RAVI KIRAN    | II - II  | K. Srinivas         |
| 111 | 17MD1A0315 | KALEPU RAJESH                 | II - II  | K. Rajesh           |
| 112 | 17MD1A0316 | KARUMUJJI SAI SRINIVAS        | II - II  | K. Srinivas         |



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|-----|------------|---------------------------------|---------|----------------------|
| 113 | 17MD1A0317 | KETHA NIKESH                    | II - I  | K. Nikesh            |
| 114 | 17MD1A0318 | KILAPARTHY SRAVANI              | II - II | K. Sravani           |
| 115 | 17MD1A0319 | KOTI MANIDEEP                   | II - II | K. Manideep          |
| 116 | 17MD1A0320 | KOYYA VENKATA BHUVANA TEJA      | II - II | K.V.B. Teja          |
| 117 | 17MD1A0321 | MADDI HARI VENKATA ARJUN REDDY  | II - II | M.H.V. Arjun         |
| 118 | 17MD1A0322 | MARNI VEERA V SATYANARAYANA     | II - II | M.V.V. Satyanarayana |
| 119 | 17MD1A0323 | MENEDDI SATISH                  | II - II | M. Satish            |
| 120 | 17MD1A0324 | PARAMATA PRASAD                 | II - II | P. Prasad            |
| 121 | 17MD1A0325 | PONNADA MAHESH                  | II - II | P. Mahesh            |
| 122 | 17MD1A0326 | RAPAKA RAMESH BABU              | II - II | R. Babu              |
| 123 | 17MD1A0328 | RUDRAM DHARMAJI                 | II - II | R. Dharmaji          |
| 124 | 17MD1A0329 | THOTAPALLI VENKATA AKHIL        | II - II | T. Venkata Akhil     |
| 125 | 17MD1A0330 | YELURI SAI KIRAN                | II - II | Y. Sai Kiran         |
| 126 | 18MD5A0301 | ABDUL BASHEER                   | II - II | A. Basheer           |
| 127 | 18MD5A0302 | BARLA RAMESH                    | II - II | B. Ramesh            |
| 128 | 18MD5A0303 | BATTINA DURGA VEERA VARA PRASAD | II - II | B.D.V.V. Prasad      |
| 129 | 18MD5A0304 | BUDAMPARTHI R GOWRISWEAR        | II - II | B.R. Gowriswear      |
| 130 | 18MD5A0305 | CHOKKAPU MAHESH                 | II - II | C. Mahesh            |
| 131 | 18MD5A0306 | JANA AKASH                      | II - II | J. Akash             |
| 132 | 18MD5A0307 | KADULURI VENKATA RAMANA         | II - II | K.V. Ramana          |
| 133 | 18MD5A0308 | KAMIREDDY SAI VINAY             | II - II | K. Sai Vinay         |
| 134 | 18MD5A0309 | KILANI KUSUMA SHIVANI           | II - II | K.P. Shivani         |
| 135 | 18MD5A0317 | NULU USHA KIRAN                 | II - II | N.U. Kiran           |
| 136 | 18MD5A0319 | PAPPU GANESH                    | II - II | P. Ganesh            |
| 137 | 18MD5A0322 | SHAIK LAL THAYYAB ALI           | II - II | Sh. L. T. Abdi       |
| 138 | 18MD5A0323 | SIRIPURAPU CHARAN ROHITH        | II - II | Rohith               |
| 139 | 18MD5A0324 | SOMANA TEJA V E NARASIMHA       | II - II | S.T. Venan           |
| 140 | 18MD5A0325 | TAANALA DINESH                  | II - II | T. Dinesh            |
| 141 | 18MD5A0326 | UPADRASHTA SAI V KAMESWARA RAO  | II - II | Sai V Kameswara Rao  |



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|     |            |                        |       |                 |
|-----|------------|------------------------|-------|-----------------|
| 142 | 18MD5A0327 | VEERAPARAJU V V P BABU | II-II | V. V. V. P Babu |
| 143 | 18MD5A0328 | VENNAPU PREM KUMAR     | II-II | v. premkumar    |

U

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|-----|------------|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 18MD5A0325 | TAANALA DINESH                 | P | P | P | P | P | P | P | P | P | P | P |
| 141 | 18MD5A0326 | UPADRASHTA SAI V KAMESWARA RAO | P | P | P | P | P | P | P | P | P | P | P |
| 142 | 18MD5A0327 | VEERAPARAJU V V P BABU         | P | P | P | P | P | P | P | P | P | P | P |
| 143 | 18MD5A0328 | VENNAPU PREM KUMAR             | P | P | P | P | P | P | P | P | P | P | P |

  
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Date: 10-01-2019

### Program Report

Name of the Event: A Two-Week Add-on Programs on “Engineering Mechanics”

Date / Duration: 24/12/2018 to 5/01/2019, 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 of mechanisms and processes from various levels of automation.
- apply knowledge, techniques, skills and use of modern in manufacturing mechanisms
- Design solutions for well-defined technical problems and assist the engineering design of systems, components, or processes appropriate to the mechanisms.

#### 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 mechanisms.
- 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: 143



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### RESOURCE PERSON PROFILE

Name of the resource person: Dr. V Lakshmi Narayana



Dr. V Lakshmi Narayana is the principal of esteemed Rajamahendri Institute of Engineering and Technology, Rajamahendravaram. He is a well known Professor in Mechanical Engineering, Having more than 25 years of experience in teaching and industry. He is Visionary Senior Educational Manager, Administrator, Academic environmental crisis manager, researcher and academician. Created few Guinness world records from Novices. More than 25 yrs of experience in academic management at policy making and process implementation level. He brought some structural reforms so that the institute gets recognized as a corporate social responsible one. Mobilized funds for Kerala floods, Andhra Floods, etc. Good placement record is created. Entrepreneurship was highly encouraged.

  
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CO-ORDINATOR



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## *Participation Certificate*

*This is to certify that*

Mr./Mrs./Ms. JAKKANA JAGADEESH


*Has participated in*

A Two Week Program on **“ENGINEERING MECHANICS”**

**24-12-2018 to 05-01-2019**

Mr. V. Ravindra  
HOD, Dept. of Mech

  
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Dr. V Lakshmi Narayana  
Principal







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P: +919121214413



## Participation Certificate

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Mr./Mrs./Ms. P. NARESH

Has participated in

A Two Week Program on "ENGINEERING MECHANICS"

24-12-2018 to 05-01-2019

Mr. V. Ravindra  
HOD, Dept. of Mech

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Date: 22-01-2019

### CIRCULAR

It is here by informed to all II B.Tech II-Sem CSE A & B students that our college conducting "A Two-Week Certified Program on Full-Stack Development" on 28<sup>th</sup> January 2019 to 09<sup>th</sup> February 2019. All the students give their names to coordinator listed below on or before 26<sup>th</sup> January 2019. Hence all the students here by informed to attend the classes without fail.

Venue: Seminar Hall, RIET

Coordinator: Mrs. K.N.V. Ramya Devi , Assistant Professor, Dept. of CSE, RIET.

  
PRINCIPAL

(Dr V.Lakshmi Narayana )

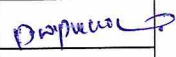



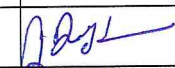

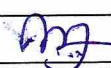
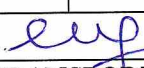

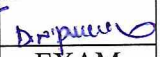


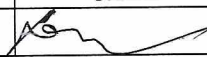


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| BRANCH  | CSE   | Mech.   | ECE  | EEE   | S&H   |
|---|---|---|--|---|---|
| B.Tech.1st Year   |   |   |  | -----   |  |
| B.Tech.2nd Year   |  |  |  | -----   | -----   |
| B.Tech.3rd Year   |   | K.SZ-   |  |   | -----   |
| B.Tech.4th Year   |   |   |  |  | -----   |
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### 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@rietrijy.co.in](mailto:cse.hod@rietrijy.co.in)

### Co-ordinator

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

Assistant Professor,  
Department of Computer Science and Engineering

Mobile No: +91 91774 41424

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

## A Two-Week Certificate Program on "Full-Stack Development"

### 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:

  
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HOD



## A Two-Week Certificate Program on "Full-Stack Development"

*Schedule:*

28-01-2019 to 09-02-2019

*Venue: Seminar Hall*



Organized  
by  
Department of  
Computer Science And Engineering

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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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.



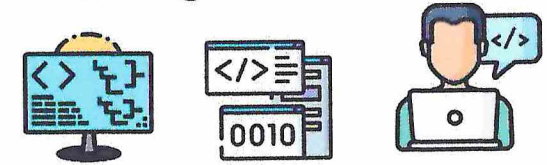
## About the Department

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



Full-stack development is a program that covers both front-end and back-end aspects of web application development. Front-end development focuses on user interfaces and includes HTML, CSS, JavaScript, and frameworks like React. Back-end development involves server-side logic, databases, APIs, and server management. Key skills encompass responsive design, version control, security, and testing. Practical projects and collaboration are integral, and developers must adapt to evolving technologies in this dynamic field. Full-stack developers can create end-to-end web applications, making them versatile and capable of handling the entire development process.

## Resource Person

**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)





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

Ph: +91 91212 14413



Date: 24-01-2019

### PROGRAM SCHEDULE

Program Schedule for A Two-Week Certificate Program on “Full Stack Development”

| Duration  | Program  |
|---|--|
| <b>Day1:</b> 28-01-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Introduction to Full-Stack Development:</b> <ul style="list-style-type: none"><li>➤ Overview of full-stack development.</li><li>➤ Role of full-stack developers in web development projects.</li><li>➤ Setting up development environments.</li></ul>                                       |
| <b>Day2:</b> 29-01-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Front-End Development - HTML, CSS, and JavaScript:</b> <ul style="list-style-type: none"><li>➤ HTML basics and web page structure.</li><li>➤ Styling with CSS, including layout and responsive design.</li><li>➤ Introduction to JavaScript and DOM manipulation.</li></ul>                 |
| <b>Day3:</b> 30-01-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Front-End Development - Advanced JavaScript:</b> <ul style="list-style-type: none"><li>➤ JavaScript functions, objects, and events.</li><li>➤ Handling user interactions and form validation.</li><li>➤ Introduction to front-end frameworks (e.g., React, Angular, or Vue.js).</li></ul>   |
| <b>Day4:</b> 31-01-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Back-End Development - Server and Databases:</b> <ul style="list-style-type: none"><li>➤ Introduction to server-side programming and server setup.</li><li>➤ Exploring databases and database management systems (DBMS).</li><li>➤ Implementing CRUD operations with databases.</li></ul>   |
| <b>Day5:</b> 01-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Back-End Development - Server-Side Scripting:</b> <ul style="list-style-type: none"><li>➤ Creating server-side scripts using technologies like Node.js, Python, or Ruby.</li><li>➤ Building RESTful APIs for data communication.</li><li>➤ Managing server routes and middleware.</li></ul> |
| <b>Day6:</b> 02-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Database Design and Modeling:</b> <ul style="list-style-type: none"><li>➤ Designing and modeling database schemas.</li><li>➤ Understanding database normalization.</li><li>➤ Database indexing and optimization.</li></ul>  |
| <b>Day7:</b> 04-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Authentication and Authorization:</b> <ul style="list-style-type: none"><li>➤ Implementing user authentication and authorization.</li><li>➤ Session management and security considerations.</li><li>➤ Introduction to OAuth and JWT for authentication.</li></ul>                           |



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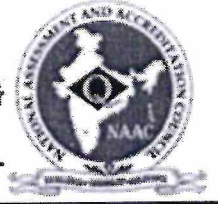
|  |  |
|--|--|
| <b>Day8:</b> 05-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM  | <b>Front-End Frameworks:</b> <ul style="list-style-type: none"><li>➤ In-depth exploration of a front-end framework (e.g., React, Angular, or Vue.js).</li><li>➤ Building dynamic and interactive web applications.</li><li>➤ Integration with back-end APIs.</li></ul> |
| <b>Day9:</b> 06-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM  | <b>API Integration:</b> <ul style="list-style-type: none"><li>➤ Consuming external APIs.</li><li>➤ Asynchronous programming and handling API responses.</li><li>➤ Error handling and data manipulation.</li></ul>  |
| <b>Day10:</b> 07-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Deployment and DevOps:</b> <ul style="list-style-type: none"><li>➤ Preparing applications for deployment.</li><li>➤ Introduction to version control (e.g., Git).</li><li>➤ Deploying applications on hosting platforms (e.g., Heroku, AWS, or Azure).</li></ul>     |
| <b>Day11:</b> 08-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Testing and Debugging:</b> <ul style="list-style-type: none"><li>➤ Writing unit tests and conducting test-driven development.</li><li>➤ Debugging techniques for front-end and back-end.</li><li>➤ Testing API endpoints and database interactions.</li></ul>       |
| <b>Day12:</b> 09-02-2019<br>09:30AM-12:30PM<br>01:30PM-03:30PM | <b>Final Projects and Presentations:</b> <ul style="list-style-type: none"><li>➤ Participants work on full-stack development projects.</li><li>➤ Project presentations, peer reviews, and feedback sessions.</li></ul>   |

  
PRINCIPAL  
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BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G. Dist.



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

NAME OF THE PROGRAM : A Two Week Certificate Program on Full-Stack Development

## STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT          | YEAR/<br>BRANCH | SIGNATURE           |
|------|------------|------------------------------|-----------------|---------------------|
| 1.   | 17MD1A0501 | ALLAPALLI ALEKHYA            | II-II           | A. Alekhya          |
| 2.   | 17MD1A0502 | BAISETTI HIMA BINDU          | II-II           | B. Hima Bindu       |
| 3.   | 17MD1A0503 | BETHAPUDI SAI KALYANI        | II-II           | B. Sai Kalyani      |
| 4.   | 17MD1A0504 | CHILUVURI VIJAYA MOUNIKA     | II-II           | C. VIJAYA           |
| 5.   | 17MD1A0505 | CHITTAJALLU LALITHA RANI     | II-II           | C.L. Rani           |
| 6.   | 17MD1A0506 | CHITTALA L SATYA SURYA DURGA | II-II           | C.S.S. Durga        |
| 7.   | 17MD1A0507 | CHUNDRU BHUMIKA              | II-II           | C. Bhumika          |
| 8.   | 17MD1A0508 | CHUNDRU JHANSI LAKSHMI       | II-II           | C. Jhansi           |
| 9.   | 17MD1A0509 | CHUNDRU MOUNIKA              | II-II           | C. Mounika          |
| 10.  | 17MD1A0510 | DANDU ATREYEE                | II-II           | D. ATREYEE          |
| 11.  | 17MD1A0511 | ELI K S R NAGA LAKSHMI       | II-II           | E.K.S.R. Lakshmi    |
| 12.  | 17MD1A0512 | GOPISETTI SWETHA             | II-II           | G. Swetha           |
| 13.  | 17MD1A0513 | GRANDHI HARIKA               | II-II           | G. Harika           |
| 14.  | 17MD1A0514 | JAHNAVI GANIVADA             | II-II           | J. Ganivada         |
| 15.  | 17MD1A0515 | KAKARLA SUSHMITHA            | II-II           | K. Sushmitha        |
| 16.  | 17MD1A0516 | KALEPU ANUSHA                | II-II           | K. Anusha           |
| 17.  | 17MD1A0517 | KALLA VEERA VENKATA LAKSHMI  | II-II           | K.V.V. Lakshmi      |
| 18.  | 17MD1A0518 | KANTIPUDI GREESHMA           | II-II           | K. Greeshma         |
| 19.  | 17MD1A0519 | KONDETI HARIKA               | II-II           | K. Harika           |
| 20.  | 17MD1A0520 | KUNADHARAJU NEERAJA          | II-II           | K. Neeraja          |
| 21.  | 17MD1A0521 | LANKA SANDHYA                | II-II           | L. Sandhya          |
| 22.  | 17MD1A0522 | MADDI M V A SATYA DEVI       | II-II           | M. m.v.a. satyadevi |
| 23.  | 17MD1A0523 | MADDUKURI H CHANDANA DEVI    | II-II           | M.H. Chandana Devi  |
| 24.  | 17MD1A0524 | MAKIREDDY NIHARIKA           | II-II           | M. Ni Harika        |
| 25.  | 17MD1A0525 | MAMIDI MEHER MOUNIKA         | II-II           | M.M. mounika        |
| 26.  | 17MD1A0526 | MEDAPATI SATYA PRABHAJA      | II-II           | M. Satya Prabha     |



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|    |            |                             |         |                        |
|----|------------|-----------------------------|---------|------------------------|
| 27 | 17MD1A0527 | MOHAMMED BASHEERUNNISA      | II - II | M. Basheerunnisa       |
| 28 | 17MD1A0528 | NOORUNNISA BEGUM            | II - II | N. BEGUM               |
| 29 | 17MD1A0529 | PALANGI CHATURYA SUDHA      | II - II | P. Chaturya Sudha      |
| 30 | 17MD1A0530 | PAPPALA PRIYANKA            | II - II | P. Priyanka            |
| 31 | 17MD1A0531 | PEMMANABOINA THARALA DEVI   | II - II | P. Tharaladevi         |
| 32 | 17MD1A0532 | POLINA JAYA SAI SRIJA       | II - II | P. Jaya Sai            |
| 33 | 17MD1A0533 | PUREDLA SAI PADMA PRIYA     | II - II | P. S. P. Priya         |
| 34 | 17MD1A0534 | RAYIPATI SIREESHA           | II - II | R. Sireesha            |
| 35 | 17MD1A0535 | SAMPENGA S N S DURGA        | II - II | S. S. N. S. Durga      |
| 36 | 17MD1A0536 | SINGAMSETTY RAJA NANDINI    | II - II | S. Raja Nandini        |
| 37 | 17MD1A0537 | SUNKAVALLI PAVANI DURGA     | II - II | S. Pavani Durga        |
| 38 | 17MD1A0538 | THOTA RAVALI                | II - II | T. Ravalis             |
| 39 | 17MD1A0539 | THOTA SIRISHA               | II - II | T. Sirisha             |
| 40 | 17MD1A0540 | UNDAMATLA S J L S RANI      | II - II | U. S. J. L. S. Rani    |
| 41 | 17MD1A0541 | VAKALAPUDI SAI CHARISHMA    | II - II | V. S. Charishma        |
| 42 | 17MD1A0542 | VALLABHANENI N S V BHARGAVI | II - II | V. N. S. V. Bhargavi   |
| 43 | 17MD1A0543 | VALLABHANI LAKSHMI SOWJANYA | II - II | V. L. Sowjanya         |
| 44 | 17MD1A0544 | YALAMATI HARSHITHA          | II - II | Y. Harshitha           |
| 45 | 17MD1A0545 | ALLA ABHINAYA               | II - II | A. Abhinaya            |
| 46 | 17MD1A0546 | BANDARU RITHIN ANAND SACHIN | II - II | B. R. A Sachin         |
| 47 | 17MD1A0547 | BANKA SWATHI                | II - II | B. Swathi              |
| 48 | 17MD1A0548 | BATHULA SUSHMA PRIYANKA     | II - II | B. Sushma priyanka     |
| 49 | 17MD1A0549 | BORUSU SATYA DHARMA TEJA    | II - II | B. S. B. Teja          |
| 50 | 17MD1A0550 | BOYI SATISH                 | II - II | Batish. B              |
| 51 | 17MD1A0551 | BUDIDA B V V KEDHARNATH     | II - II | B. B. V. V. kedharnath |
| 52 | 17MD1A0552 | DASIREDDI SAI KISHORE       | II - II | D. Sai kishore         |
| 53 | 17MD1A0553 | EDARA P S S VAMSI           | II - II | E. P. S. S. Vamsi      |
| 54 | 17MD1A0554 | GANDEPALLI RAM BABU         | II - II | G. Rambabu             |
| 55 | 17MD1A0556 | GOLUGURI ALEKHYA            | II - II | G. Alekhya             |





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|    |            |                            |       |                   |
|----|------------|----------------------------|-------|-------------------|
| 56 | 17MD1A0557 | KAKARAPARTHI JOSEPHRAJU    | II-II | K. Joseph         |
| 57 | 17MD1A0564 | MANEPALLI N V KRISHNA      | II-II | M. NV Krishna     |
| 58 | 17MD1A0565 | MATTA NAGESH               | II-II | M. Nagesh         |
| 59 | 17MD1A0566 | MUPPURI ANIL KUMAR         | II-II | M. Anil Kumar     |
| 60 | 17MD1A0567 | PADAM SATYA SREE           | II-II | P. Satya          |
| 61 | 17MD1A0568 | PALADUGULA GNANA SRI DEVI  | II-II | P. Gnana Sri Devi |
| 62 | 17MD1A0570 | POLINA V D S RAVI TEJA     | II-II | P. Ravi Teja      |
| 63 | 17MD1A0571 | PRATTIPATI SAIRAM          | II-II | P. Sairam         |
| 64 | 17MD1A0572 | PRIYA CHOWDARY             | II-II | Priya Chowdary    |
| 65 | 17MD1A0573 | ROTTA EMMANUAL             | II-II | R. Emmanuel       |
| 66 | 17MD1A0574 | RUDRARAJU KONDARAJU        | II-II | R. Kondaraju      |
| 67 | 17MD1A0576 | SHEIK SUBHAN               | II-II | S. Subhan         |
| 68 | 17MD1A0577 | SUNKARA GEETHA TRIVENI     | II-II | S. Geetha         |
| 69 | 17MD1A0578 | TAMALAMPUDI BABY SRAVANTHI | II-II | T. B. Sravanti    |
| 70 | 17MD1A0579 | UPPULURI SRINIVAS          | II-II | U. Srinivas       |
| 71 | 17MD1A0580 | VAGDEVI VENTRAPATI         | II-II | V. Ventrapati     |

  
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## DAY WISE ATTENDANCE SHEET

NAME OF THE PROGRAM : A Two Week Certificate Program on Full-Stack Development

| S.NO. | Regd.No.   | Name of the student          | 28/1 | 29/1 | 30/1 | 31/1 | 1/2 | 2/2 | 4/2 | 5/2 | 6/2 | 7/2 | 8/2 | 9/2 |
|-------|------------|------------------------------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1     | 17MD1A0501 | ALLAPALLI ALEKHYA            | A    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 2     | 17MD1A0502 | BAISETTI HIMA BINDU          | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 3     | 17MD1A0503 | BETHAPUDI SAI KALYANI        | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 4     | 17MD1A0504 | CHILUVURI VIJAYA MOUNIKA     | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 5     | 17MD1A0505 | CHITTAJALLU LALITHA RANI     | P    | P    | P    | P    | A   | P   | P   | P   | P   | P   | P   | P   |
| 6     | 17MD1A0506 | CHITTALA L SATYA SURYA DURGA | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 7     | 17MD1A0507 | CHUNDRU BHUMIKA              | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 8     | 17MD1A0508 | CHUNDRU JHANSI LAKSHMI       | P    | P    | A    | P    | P   | P   | P   | P   | P   | P   | P   | A   |
| 9     | 17MD1A0509 | CHUNDRU MOUNIKA              | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 10    | 17MD1A0510 | DANDU ATREYEE                | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 11    | 17MD1A0511 | ELI K S R NAGA LAKSHMI       | P    | P    | P    | P    | P   | P   | A   | P   | P   | P   | P   | P   |
| 12    | 17MD1A0512 | GOPISETTI SWETHA             | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 13    | 17MD1A0513 | GRANDHI HARIKA               | P    | P    | P    | P    | P   | A   | P   | P   | P   | P   | P   | P   |
| 14    | 17MD1A0514 | JAHNAVI GANIVADA             | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 15    | 17MD1A0515 | KAKARLA SUSHMITHA            | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | A   | P   |
| 16    | 17MD1A0516 | KALEPU ANUSHA                | P    | P    | P    | P    | P   | P   | P   | P   | P   | P   | P   | P   |
| 17    | 17MD1A0517 | KALLA VEERA VENKATA LAKSHMI  | P    | P    | P    | A    | P   | P   | P   | P   | P   | P   | P   | P   |
| 18    | 17MD1A0518 | KANTIPUDI GREESHMA           | P    | P    | P    | P    | P   | P   | P   | A   | P   | P   | P   | P   |





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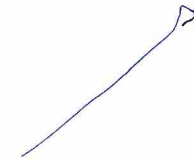
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|    |            |                             |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 17MD1A0542 | VALLABHANENI N S V BHARGAVI | P | P | P | P | P | P | P | P | P | P | P | P |
| 43 | 17MD1A0543 | VALLABHANI LAKSHMI SOWJANYA | P | P | P | P | P | P | P | P | P | P | P | P |
| 44 | 17MD1A0544 | YALAMATI HARSHITHA          | P | P | P | P | P | P | P | P | P | P | P | P |
| 45 | 17MD1A0545 | ALLA ABHINAYA               | P | P | P | P | P | P | P | P | P | P | P | P |
| 46 | 17MD1A0546 | BANDARU RITHIN ANAND SACHIN | P | P | P | P | P | P | P | P | P | P | P | P |
| 47 | 17MD1A0547 | BANKA SWATHI                | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 17MD1A0548 | BATHULA SUSHMA PRIYANKA     | P | P | P | P | P | P | P | P | P | P | P | P |
| 49 | 17MD1A0549 | BORUSU SATYA DHARMA TEJA    | P | P | P | P | P | P | P | P | A | P | P | P |
| 50 | 17MD1A0550 | BOYI SATISH                 | P | P | P | P | P | P | P | P | P | P | P | P |
| 51 | 17MD1A0551 | BUDIDA B V V KEDHARNATH     | P | P | P | P | P | P | P | P | P | P | P | P |
| 52 | 17MD1A0552 | DASIREDDI SAI KISHORE       | P | P | P | P | P | P | P | P | P | P | P | A |
| 53 | 17MD1A0553 | EDARA P S S VAMSI           | P | P | P | P | P | P | P | P | P | P | P | P |
| 54 | 17MD1A0554 | GANDEPALLI RAM BABU         | P | P | P | P | P | P | P | P | P | P | P | P |
| 55 | 17MD1A0556 | GOLUGURI ALEKHYA            | P | P | P | P | P | P | P | P | P | P | P | P |
| 56 | 17MD1A0557 | KAKARAPARTHI JOSEPHRAJU     | P | P | P | P | P | P | P | P | P | P | P | P |
| 57 | 17MD1A0564 | MANEPALLI N V KRISHNA       | P | P | P | P | A | P | P | P | P | A | A | A |
| 58 | 17MD1A0565 | MATTA NAGESH                | P | P | P | P | P | P | P | P | P | P | P | P |
| 59 | 17MD1A0566 | MUPPURI ANIL KUMAR          | P | P | P | P | P | P | A | P | P | P | P | P |
| 60 | 17MD1A0567 | PADAM SATYA SREE            | P | P | P | P | P | P | P | P | P | P | P | P |
| 61 | 17MD1A0568 | PALADUGULA GNANA SRI DEVI   | A | P | P | P | P | A | P | P | P | P | P | P |
| 62 | 17MD1A0570 | POLINA V D S RAVI TEJA      | P | P | P | P | P | P | P | P | P | P | P | P |
| 63 | 17MD1A0571 | PRATTIPATI SAIRAM           | P | P | P | P | P | P | P | P | A | P | P | P |
| 64 | 17MD1A0572 | PRIYA CHOWDARY              | P | P | P | P | P | P | P | P | P | P | P | P |





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|    |            |                            |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 17MD1A0573 | ROTTA EMMANUAL             | P | P | P | P | P | P | P | P | P | P | P | P |
| 66 | 17MD1A0574 | RUDRARAJU KONDARAJU        | P | P | A | 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 |
| 68 | 17MD1A0577 | SUNKARA GEETHA TRIVENI     | 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 |
| 70 | 17MD1A0579 | UPPULURI SRINIVAS          | P | P | P | P | P | P | P | P | A | P | P | P |
| 71 | 17MD1A0580 | VAGDEVI VENTRAPATI         | P | P | P | P | A | P | P | P | P | P | P | P |

Ch

Principal

Rajamahendri Institute of Engineering & Technology  
Bhoopalapatnam, Rajahmundry-533 107  
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Website: www.rietjy.co.in

Ph: +91 91212 14413



Date:12-02-2019

### PROGRAM REPORT

Name and Title of the Program:A Two-Week Certificate Program in “Full-Stack Development”

Course of Duration: 28-01-2019 to 09-02-2019

#### Objectives of the Program:

##### 1. Comprehensive Skill Set:

- To provide a broad and comprehensive skill set covering front-end and back-end technologies, programming languages, and development tools.

##### 2. End-to-End Development Understanding:

- To enable participants to understand and work on the entire web application development process, from user interface design to server-side logic.

##### 3. Proficiency in Front-End Technologies:

- To develop expertise in front-end technologies, including HTML, CSS, and JavaScript.
- To create responsive, user-friendly interfaces with modern web frameworks and libraries.

##### 4. Back-End Development Competence:

- To teach server-side programming languages, databases, and back-end frameworks.
- To build scalable, efficient, and secure back-end systems.

##### 5. API Development and Integration:

- To demonstrate how to design, create, and consume APIs for communication between front-end and back-end components.
- To work with external APIs for data retrieval and integration.

##### 6. Database Design and Management:

- To provide knowledge of database design, modeling, and management.
- To cover SQL and NoSQL database systems and data manipulation.

##### 7. Security Best Practices:

- To instill security best practices for web application development.
- To understand and mitigate common security threats, including authentication and authorization mechanisms.

##### 8. Version Control and Collaboration:

- To introduce version control systems, like Git, for collaborative development.
- To promote code management and collaboration within development teams.

##### 9. Testing and Debugging Proficiency:

- To teach software testing and debugging techniques for both front-end and back-end components.
- To perform unit testing and integration testing.



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### 10. Deployment and DevOps Knowledge:

- To prepare participants for deploying applications to various hosting platforms.
- To introduce DevOps principles, continuous integration, and continuous deployment (CI/CD).

### 11. Practical Projects and Problem Solving:

- To facilitate hands-on experience through real-world projects.
- To encourage problem-solving skills and creative thinking in the development process.

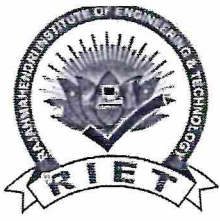
### 12. Career Readiness and Adaptability:

- To prepare participants for careers in web development, full-stack development, or related fields.
- To equip them with the ability to adapt to evolving technologies and industry trends.

### Out Come of the Program:

The outcomes of a Full-Stack Development program include proficiency in a wide range of web technologies, the ability to design and develop complete web applications, create user-friendly interfaces, build secure back-end systems, develop and integrate APIs, manage databases, and implement security measures. Participants also gain skills in version control, testing, debugging, deployment, and ethical development practices. They are prepared for careers in web development, with the versatility to adapt to changing technologies and contribute to industry innovations.

**No. of Participants:71**



### RESOURCE PERSON PROFILE

Name of the Certificate Program: A Two-Week Certificate Program on “Full-Stack Development”



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 Three years of academic experience. Beyond being an educated, He guided many students to navigate the complexities in computer science.

K. N. V. Ramya Devi  
Coordinator

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

P: +91 9121214413

## Participation Certificate


This is to certify that


Mr./Mrs./Ms. PAPPLA PRIYANKA

has participated in

A Two-Week Certificate Program on "Full-Stack Development"

28/01/2019 to 09/02/2019

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

  
Dr. V. L. Narayana  
Principal

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



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

P: +91 9121214413

**Participation Certificate**


This is to certify that


Mr./Mrs./Ms. GANDEPALLI RAMBABU

has participated in

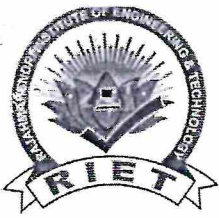
A Two-Week Certificate Program on "Full-Stack Development"

28/01/2019 to 09/02/2019

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

  
Dr. V. L. Narayana  
Principal

  
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Date: 11-02-2019

### CIRCULAR

It is here by informed to all IV<sup>th</sup> B.Tech II-Sem ECE A & B students that our college conducting **A Two-Week Certificate Program on "Artificial Intelligence(AI)"** on 18<sup>th</sup> February 2019 to 2<sup>nd</sup> March 2019. All the students give their names to coordinator listed below on or before 14<sup>th</sup> February 2019. Hence all the students here by informed to attend the classes without fail.






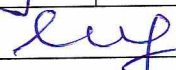
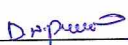


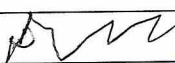
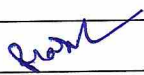


Venue: Seminar Hall, RIET

Coordinator: Mrs. S. Suneetha, Assistant Professor, Dept. of ECE,RIET.

  
Principal

(Dr Vemula Lakshmi Narayana)  
**RAJAMAHENDRI**  
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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   |   |   | RK   | -----   | -----   |
| B.Tech.3rdYear  |  |   | A B  |   | -----   |
| B.Tech.4thYear  |  |   |  |  | -----   |
| ALLHOD'S  |  |   |  |   |  |
| IQAC  | ACCOUNTS  | PLACEMENT CELL  | TRANSPORTDEPT.   | 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

**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. S. Suneetha**

Assistant Professor,  
Department of Electronics and  
Communication Engineering  
Mobile No: +91 9858163869  
Email id: [suneethas66@gmail.com](mailto:suneethas66@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:

  
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HOD



## A Two-Week Certificate Program on “Artificial Intelligence”

*Schedule:*

**18/02/2019 to 02/03/2019**

*Venue: Seminar Hall*



Organized  
by  
Department of  
Electronics and Communication  
Engineering

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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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

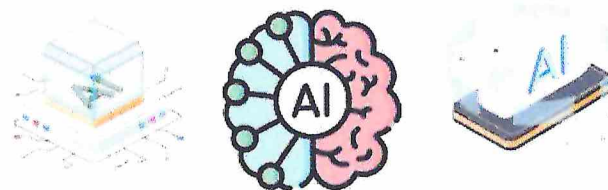
management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## 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 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 algorithms in the different fields of science, medicine, finance etc.

## Topics to be Covered

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

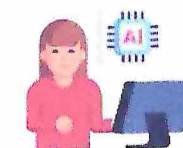
## Resource Person

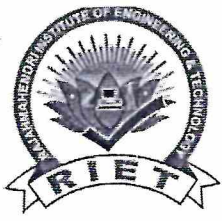
### Mrs. J. Padma

Associate Professor,

Mobile No: +91 9951581323

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





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Date:15-02-2019

### PROGRAM SCHEDULE

Program Schedule for A Two-Week Certificate Program on “Artificial Intelligence(AI)”.

| Duration  | Program                                     |
|---|---|
| <b>Day1:</b> 18-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Python & Linux.                           |
| <b>Day2:</b> 19-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Python with Data Science.                 |
| <b>Day3:</b> 20-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Advanced Statistics.                      |
| <b>Day4:</b> 21-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Machine Learning & Prediction Algorithms. |
| <b>Day5:</b> 22-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Data Science at Scale with PySpark.       |
| <b>Day6:</b> 23-02-2019<br>09:30AM-<br>12:50PM<br>01:30PM-03:50PM | ➤ AI & Deep Learning using Tensor Flow.     |
| <b>Day7:</b> 25-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Data Visualization with Tableau.          |
| <b>Day8:</b> 26-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Data Science Capstone Project.            |
| <b>Day9:</b> 27-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM     | ➤ Data Analysis with MS Excel.              |



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|  |  |
|--|--|
| <b>Day10:</b> 28-02-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Data Wrangling with SQL                            |
| <b>Day11:</b> 01-03-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Deploying Machine Learning Models on Cloud (MLOps) |
| <b>Day12:</b> 02-03-2019<br>09:30AM-12:50PM<br>01:30PM-03:50PM | ➤ Natural Language Processing and its Applications   |

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## NAME OF THE PROGRAM : A Two Week Add on Program on Artificial Intelligence STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT                       | YEAR/<br>BRANCH | SIGNATURE                 |
|------|------------|---|-----------------|---------------------------|
| 1.   | 15MD1A0401 | ADDALA NIKHILA                            | IV-II           | Nikhila<br>A. Vinay Kumar |
| 2.   | 15MD1A0402 | AKKINA MANJU                              | IV-II           | A. Manju                  |
| 3.   | 15MD1A0403 | ALLA RAMAKRISHNA                          | IV-II           | A.R.K.                    |
| 4.   | 15MD1A0404 | CHIKKAM DAIVA SRUTHI                      | IV-II           | C.D. Sruthi               |
| 5.   | 15MD1A0405 | CHINTADA V VENKATA SAINAVEEN              | IV-II           | Ch.V. Sainaveen           |
| 6.   | 15MD1A0406 | CHITTALA SWATHI THANUJA                   | IV-II           | C.S. Thanuja              |
| 7.   | 15MD1A0407 | CHITTURI TEJA                             | IV-II           | C. Teja                   |
| 8.   | 15MD1A0408 | DALIPARTHI VEERENDRANATH                  | IV-II           | D. veerithu               |
| 9.   | 15MD1A0409 | DASARI VEERENDRA KUMAR                    | IV-II           | D. veerendra              |
| 10.  | 15MD1A0410 | DODDA SRI NAGA SUREKHA                    | IV-II           | D. S.N. Surekha           |
| 11.  | 15MD1A0411 | ELI MAHALAKSHMI                           | IV-II           | E. Mahalakshmi            |
| 12.  | 15MD1A0412 | GANDEPALLI SUDHA MADHAVI                  | IV-II           | G. S. Madhavi             |
| 13.  | 15MD1A0413 | GOMPA SRINIVASA NAIDU                     | IV-II           | G. S. Naidu               |
| 14.  | 15MD1A0414 | GOWDA SUNEETHA                            | IV-II           | G. Suneetha               |
| 15.  | 15MD1A0415 | GUNAPARTHI MADHURI PRIYANKA               | IV-II           | G. M. Priyanka            |
| 16.  | 15MD1A0416 | GUTTI MANIVARDHANI                        | IV-II           | G. Manivardhani           |
| 17.  | 15MD1A0417 | JAMMI DURGA BHAVANI                       | IV-II           | J.D. Bhavani              |
| 18.  | 15MD1A0418 | JASTI SIRISHA                             | IV-II           | J. Sirisha                |
| 19.  | 15MD1A0419 | JYOTHULA SUREKHA                          | IV-II           | J. Surekha                |
| 20.  | 15MD1A0420 | JYOTI PRASAD                              | IV-II           | J. Prasad                 |
| 21.  | 15MD1A0431 | PICHUKA SATYA GAYATHRI                    | IV-II           | P. Satya gayathri         |
| 22.  | 15MD1A0432 | POTHURAJU POORNIMA DEVI                   | IV-II           | P.P. Devi                 |
| 23.  | 15MD1A0433 | RAYAVARAPU SHANMUKH                       | IV-II           | R. Shanmukh               |
| 24.  | 15MD1A0434 | TADELA BHARGAV SATYA VINAY                | IV-II           | T.B.S. Vinay              |
| 25.  | 15MD1A0435 | TATAPUDI PAVAN VENKATA SAI SYAMALA ANVESH | IV-II           | TPVSS. Anvesh             |





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|    |            |                                |       |                   |
|----|------------|--------------------------------|-------|-------------------|
| 26 | 15MD1A0436 | THOTA HEMALA DEVI              | IV-II | T.Hemala Devi     |
| 27 | 15MD1A0437 | THOTA SRI DURGANJALI           | IV-II | T. Durganjali     |
| 28 | 15MD1A0438 | THURASALA BHARATHI             | IV-II | T. Bharathi       |
| 29 | 15MD1A0439 | TOTTARAMUDI VALLI PRIYANKA     | IV-II | T.V. Priyanka     |
| 30 | 15MD1A0440 | TURUPATI VENKATA KISHORE PAVAN | IV-II | T.U.K. Pavan      |
| 31 | 15MD1A0441 | VALLURI NARENDRA               | IV-II | V. Narendra       |
| 32 | 15MD1A0442 | VAMBOLU USHA KIRANMAI          | IV-II | V. Usha Kiranmai  |
| 33 | 15MD1A0443 | VEMANA KANAKA SUBHAMRUTHA      | IV-II | V.K. Subhamrutha  |
| 34 | 15MD1A0444 | YALAMATI MOUNIKA               | IV-II | Y. Mounika        |
| 35 | 15MD1A0445 | YERRA GEETA SOWJANYA           | IV-II | Y.G. Sowjanya     |
| 36 | 15MD1A0446 | ACHANTA NAGA SRI KRANTHI       | IV-II | A.N.S. Kranthi    |
| 37 | 15MD1A0447 | ADDALA UMA SAI                 | IV-II | A.U. Sai          |
| 38 | 15MD1A0448 | AKKIRAJU NAGA SAI MANJARI      | IV-II | A.N.S. Manjari    |
| 39 | 15MD1A0449 | ANAPARTHI SATYA PRAKASH        | IV-II | A.S. Prakash      |
| 40 | 15MD1A0450 | BEJAGAM VINAY                  | IV-II | B. Vinay          |
| 41 | 15MD1A0451 | BIRABOINA SAI TEJA             | IV-II | B. Sai Teja       |
| 42 | 15MD1A0452 | CHIRIVELLA KARTHIK             | IV-II | Ch. Karthik       |
| 43 | 15MD1A0453 | CHOKKAKULA AMBICAKIRAN         | IV-II | C. Ambicakiran    |
| 44 | 15MD1A0454 | DAGGU BHAVYA SREE              | IV-II | D. Bhavya Sree    |
| 45 | 15MD1A0455 | DUGGUDURTHI NAGAPRASANNA       | IV-II | D. Nagaprasanna   |
| 46 | 15MD1A0456 | DULAM RAJESH                   | IV-II | D. Rajesh         |
| 47 | 15MD1A0457 | JAGATHA SIVA SUBRAHMANYAM      | IV-II | J.S. Subrahmanyam |
| 48 | 15MD1A0458 | KADALI VINAY KUMAR             | IV-II | K.V. Kumar        |
| 49 | 15MD1A0459 | KANCHUMARTHI GAYATHRI SARMA    | IV-II | K. G. Sarma       |
| 50 | 15MD1A0460 | KORNANI LEELA SAI VARAPRASAD   | IV-II | K.L.S. VARAPRASAD |
| 51 | 15MD1A0461 | MADDIPATI RAJYA LAKSHMI        | IV-II | M. RAJYA LAKSHMI  |
| 52 | 15MD1A0481 | SUNKAVILLI VIJAYA LAKSHMI      | IV-II | S. Vijaya Lakshmi |
| 53 | 15MD1A0482 | TALAM SARASWATHI               | IV-II | T. Saraswathi     |
| 54 | 15MD1A0483 | TELU KRISHNA TEJA              | IV-II | T.K. Teja         |



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY

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|    |            |                               |       |                  |
|----|------------|-------------------------------|-------|------------------|
| 55 | 15MD1A0484 | TIKKANI VEERADEVI             | IV-II | T. Devi          |
| 56 | 15MD1A0485 | VANAPARTHI POORNIMA           | IV-II | V. POORNIMA      |
| 57 | 15MD1A0486 | VEPAKAYALA HEMASATYALATHA     | IV-II | V. Hemasayalatha |
| 58 | 15MD1A0487 | VISWANADHAM VEERA SAI PRAVEEN | IV-II | V.V.S. Praveen.  |
| 59 | 15MD1A0488 | YANAMADALA SURYA KIRAN        | IV-II | Y. Surya Kiran   |
| 60 | 15MD1A0489 | YERRA DURGA PRASAD            | IV-II | Y. Durga Prasad  |

U

Principal

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



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## 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          | 18/2 | 19/2 | 20/2 | 21/2 | 22/2 | 23/2 | 25/2 | 26/2 | 27/2 | 28/2 | 1/3 | 2/3 |
|-------|------------|------------------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| 1     | 15MD1A0401 | ADDALA NIKHILA               | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 2     | 15MD1A0402 | AKKINA MANJU                 | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 3     | 15MD1A0403 | ALLA RAMAKRISHNA             | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 4     | 15MD1A0404 | CHIKKAM DAIVA SRUTHI         | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 5     | 15MD1A0405 | CHINTADA V VENKATA SAINAVEEN | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 6     | 15MD1A0406 | CHITTALA SWATHI THANUJA      | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 7     | 15MD1A0407 | CHITTURI TEJA                | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 8     | 15MD1A0408 | DALIPARTHI VEERENDRANATH     | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 9     | 15MD1A0409 | DASARI VEERENDRA KUMAR       | P    | P    | P    | P    | A    | P    | P    | P    | P    | P    | P   | P   |
| 10    | 15MD1A0410 | DODDA SRI NAGA SUREKHA       | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 11    | 15MD1A0411 | ELI MAHALAKSHMI              | P    | P    | P    | P    | P    | P    | P    | P    | P    | P    | P   | P   |
| 12    | 15MD1A0412 | GANDEPALLI SUDHA MADHAVI     | P    | P    | P    | P    | P    | P    | A    | P    | P    | P    | P   | P   |





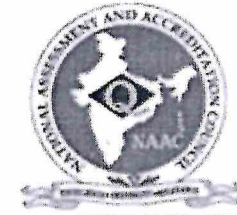


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|    |            |                               |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 15MD1A0455 | DUGGUDURTHI NAGAPRASANNA      | P | P | P | P | P | P | P | P | P | P | P | P |
| 46 | 15MD1A0456 | DULAM RAJESH                  | P | P | P | P | P | P | P | P | P | P | P | P |
| 47 | 15MD1A0457 | JAGATHA SIVA SUBRAHMANYAM     | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 15MD1A0458 | KADALI VINAY KUMAR            | P | P | P | P | P | P | P | P | P | P | P | P |
| 49 | 15MD1A0459 | KANCHUMARTHI GAYATHRI SARMA   | A | A | A | A | A | A | A | A | A | A | A | A |
| 50 | 15MD1A0460 | KORNANI LEELE SAI VARAPRASAD  | P | P | P | P | P | P | P | P | P | P | P | P |
| 51 | 15MD1A0461 | MADDIPATI RAJYA LAKSHMI       | P | P | P | P | P | P | P | P | P | P | P | P |
| 52 | 15MD1A0481 | SUNKAVILLI VIJAYA LAKSHMI     | P | P | P | P | P | P | P | P | P | P | P | P |
| 53 | 15MD1A0482 | TALAM SARASWATHI              | P | P | P | P | P | P | P | P | P | P | P | P |
| 54 | 15MD1A0483 | TELU KRISHNA TEJA             | P | P | P | P | P | P | P | P | P | P | P | P |
| 55 | 15MD1A0484 | TIKKANI VEERADEVI             | P | P | P | P | P | P | P | P | P | P | P | P |
| 56 | 15MD1A0485 | VANAPARTHI POORNIMA           | P | P | P | P | P | P | P | P | P | P | P | P |
| 57 | 15MD1A0486 | VEPAKAYALA HEMASATYALATHA     | P | P | P | P | P | P | P | P | P | P | P | P |
| 58 | 15MD1A0487 | VISWANADHAM VEERA SAI PRAVEEN | P | P | P | P | P | P | P | P | P | P | P | P |
| 59 | 15MD1A0488 | YANAMADALA SURYA KIRAN        | P | P | P | P | P | P | P | P | P | P | P | P |
| 60 | 15MD1A0489 | YERRA DURGA PRASAD            | P | P | P | P | P | P | P | P | P | P | P | P |

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Date: 05-03-2019

**PROGRAM REPORT**

**Name and Title of the Program:** A Two-Week Certificate Program on "Artificial Intelligence (AI)".

**Date & Time:** 18-02-2019 to 02-03-2019 & 10:00 AM to 5:00 PM.

**Resource Person:** Mrs. J. Padma, Associate Professor, RIET.

**Name of The Coordinator:** Ms. S. Suneetha, Assistant Professor, ECE.

**Objectives of the Program:**

1. Gain a historical perspective of AI and its foundations .
2. Become familiar with basic principles of AI toward problem solving, inference, perception, knowledge representation, and learning.
3. Investigate applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models.
4. Experience AI development tools such as an 'AI language, expert system shell, and/or data.

**Outcomes of the Program:**

1. Demonstrate fundamental understanding of the history of artificial intelligence (AI) and its foundations.
2. Apply basic principles of AI in solutions that require problem solving, inference, perception, knowledge representation, and learning.
3. Demonstrate awareness and a fundamental understanding of various applications of AI techniques in intelligent agents, expert systems, artificial neural networks and other machine learning models.
4. Demonstrate proficiency developing applications in an 'AI language', expert system shell, or data mining tool.

**No. of Participants:60**



**RESOURCE PERSON PROFILE**

**Name of the Certificate Program:** A Two-Week Certificate Program on “Artificial Intelligence (AI)”.



**Name of the Resource Person:** Mrs. J. Padma

She completed M.Tech in ECE at JNTUK, 12 years of excellent teaching skills in relevant subjects. Her area of specialization on Artificial Intelligence and Best Knowledge in Artificial Intelligence. Senior Faculty as an Associate 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.

  
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Coordinator





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P: +91 9121214413



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### *Participation Certificate*

This is to certify that


✓  
Mr./Mrs./Ms. A. Rama Krishna

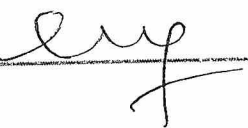
has Participated in

An Add-On Two Week Certificate Program On

“Artificial Intelligence”

18/02/2019 to 02/03/2019

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

  
Dr. V. L. Narayana  
Principal



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

P: +91 9121214413

**Participation Certificate**

This is to certify that

Mr./Mrs./Ms. G. Suneetha

has Participated in

An Add-On Two Week Certificate Program On

“Artificial Intelligence”

18/02/2019 to 02/03/2019

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

Dr. V. L. Narayana  
Principal

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Date: 24-02-2019

### CIRCULAR

It is here by informed to all 4<sup>th</sup> B.Tech EEE that is our college conducting "A Two-Week Add-on Program on Cyber Security" on 4<sup>th</sup> March 2019 to 16<sup>th</sup> March 2019. All the students give their names to coordinator listed below on or before 2<sup>nd</sup> March 2019. Hence all the students here by informed to attend the classes without fail.

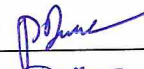
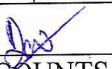




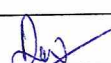

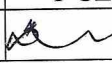
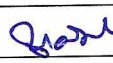
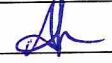
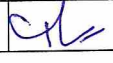
Venue: Seminar Hall, RIET

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

  
PRINCIPAL

(Dr. M. MURALI KRISHNA)  
PRINCIPAL  
RAJAMAHENDRI  
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- 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  |   |   |   |   | -----   |
| B.Tech. 4thYear   |   |   |   |  | -----   |
| ALL HOD'S   |  |  |  |  |  |
| IQAC  | ACCOUNTS  | PLACEMENT CELL  | TRANSPORT DEPT.   | LIBRARY   | EXAM SECTION  |
|  |  |  |   |  |  |

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Chairman, Swarnandhra Educational Society

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**Shri. K. Venkatesh**

Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna**

Secretary & Correspondent, Swarnandhra Educational Society

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

Treasurer, Swarnandhra Educational Society

### Chairperson

**Dr. V. Lakshmi Narayana**

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

# “CYBER SECURITY”

## 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:

  
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HOD



## A Two-Week Certificate Program on

# “CYBER SECURITY”

Date:

04/03/2019 to 16/03/2019

Venue: Seminar Hall



Organized  
by

Department of

Electrical and Electronics Engineering

**RAJAMAHENDRI**  
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TECHNOLOGY

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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 10 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eighth 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 continuous 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

The course is designed in a way that a candidate can identify, analyze, and remediate computer security breaches by learning and implementing real-world scenarios in the Cyber Investigations Laboratory, Network Security Laboratory, and Security and Penetration Testing Laboratory. Exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an Organization. Understand key terms and concepts in Cryptography, Governance, and Compliance. Develop cyber security strategies and policies.



## Topics to be Covered

- ✓ Cyber Security Basics
- ✓ Cyber Security Principles
- ✓ User Authentication Methods
- ✓ IOT Security
- ✓ Investigation Methods
- ✓ Cyber Law
- ✓ Cyber Crimes



## Resource Person

**Mr. R. Rambabu Reddy**

Professor,

Head of the Department

Department of CSE

Mobile No:+91 9440218157

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





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Date: 02/03/2019

### Program Schedule for "A TWO-WEEK ADD-ON PROGRAM ON CYBER SECURITY"

| Duration  | Program                           |
|---|-----------------------------------|
| <b>Day1:</b> 04-03-2019<br>10:00AM-12:40<br>1:30PM-3:30PM | Cyber Security Basics             |
| <b>Day2:</b> 05-03-2019<br>10:00AM-12:40<br>1:30PM-3:30PM | Cyber Security Principles         |
| <b>Day3:</b> 06-03-2019<br>10:00AM-12:40<br>1:30PM-3:30PM | User Authentication Methods       |
| <b>Day4:</b> 07-03-2019<br>10:00AM-12:30<br>1:30PM-3:30PM | IOT Security                      |
| <b>Day5:</b> 08-03-2019<br>10:00AM-12:30<br>1:30PM-3:30PM | Cyber Law                         |
| <b>Day6:</b> 09-03-2019<br>10:00AM-12:30<br>1:30PM-3:30PM | Cyber Crimes                      |
| <b>Day7:</b> 11-03-2019<br>10:00AM-12:30<br>1:30PM-3:30PM | Emerging Threats in Cyberspace    |
| <b>Day8:</b> : 12-03-2019                                 | Fundamentals of Network Security. |



# RAJAMAHENDRI

## INSTITUTE OF ENGINEERING & TECHNOLOGY


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

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



|   |   |
|---|---|
| 10:00AM-12:30<br>1:30PM-3:30PM                              |   |
| <b>Day9: : 13-03-2019</b><br>10:00AM-12:30<br>1:30PM-3:30PM | Mobile Security and Privacy               |
| <b>Day10: 14-03-2019</b><br>10:00AM-12:30<br>1:30PM-3:30PM  | Encryption and Data Protection            |
| <b>Day11: 15-03-2019</b><br>10:00AM-12:30<br>1:30PM-3:30PM  | Social Engineering Attacks and Prevention |
| <b>Day12: 16-03-2019</b><br>10:00AM-12:30<br>2:00PM-3:45PM  | Cloud Security Best Practices             |

  
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EEE

### NAME OF THE PROGRAM : A TWO WEEK ADD ON PROGRAM ON CYBER SECURITY STUDENTS LIST

| S.NO | REDG. NO.  | NAME OF THE STUDENT        | YEAR BRANCH | SIGNATURE         |
|------|------------|----------------------------|-------------|-------------------|
| 1.   | 15MD1A0201 | AKKIREDDY JNANA JYOTHI     | IV/I        | A. Jnana jyothi   |
| 2.   | 15MD1A0202 | AKULA POORNA SATISHKUMAR   | IV/I        | A.P. Satish Kumar |
| 3    | 15MD1A0203 | BENDU RAM GOUTHAM          | IV/I        | B.R youtham       |
| .4.  | 15MD1A0204 | BOMMU SANDHYA RANI         | IV/I        | B. Sandhya Rani   |
| 5.   | 15MD1A0205 | BONAGIRI HEMA PRIYANKA     | IV/I        | B. Hema priyanka  |
| 6.   | 15MD1A0206 | DAIVALA SIRISHA            | IV/I        | D. Sirisha.       |
| 7.   | 15MD1A0207 | DARA SRAVANI               | IV/I        | D. SRAVANI        |
| 8    | 15MD1A0208 | DODDA MANICHANDRA          | IV/I        | D. Mani chandra   |
| 9    | 15MD1A0209 | DUDDUPUDI DINESH BABU      | IV/I        | D. Dinesh Babu    |
| 10   | 15MD1A0210 | DUDDUPUDI S V CHOWDARY     | IV/I        | D.S.V. Chowdary   |
| 11   | 15MD1A0211 | DUNNE SAI VENKATA SURYA    | IV/I        | D.S.V. Surya.     |
| 12   | 15MD1A0212 | GEDDAM SUNIL BABU          | IV/I        | G. Sunil Babu.    |
| 13   | 15MD1A0213 | GELLA HONEY                | IV/I        | G. Honey          |
| 14   | 15MD1A0214 | GOPINA TEJASWINI           | IV/I        | G. Tejaswini      |
| 15   | 15MD1A0215 | GORRELA KUMARI SIVA DURGA  | IV/I        | G.K.S Durga       |
| 16   | 15MD1A0216 | GUDELLA NAVEEN             | IV/I        | G. Naveen         |
| 17   | 15MD1A0217 | GUNDAVARAPU V D LALITHAMBA | IV/I        | G.V. DLALITHAMBA  |
| 18   | 15MD1A0218 | GURRAM PAVANI              | IV/I        | G. Pavani         |
| 19   | 15MD1A0219 | GUTHULA JASWANTH           | IV/I        | G. Jaswanth       |
| 20   | 15MD1A0220 | HARI SAI CHUKKA            | IV/I        | H. Sai chukka     |
| 21   | 15MD1A0221 | JUTTIGA MONIKA             | IV/I        | J. Monika         |
| 22   | 15MD1A0222 | KARIBANDI SAHITHI          | IV/I        | K. Sahithi        |
| 23   | 15MD1A0223 | KASI DEEPIKA               | IV/I        | K. Deepika        |
| 24   | 15MD1A0224 | KATRU VARA PRASAD          | IV/I        | K. Vara prasad    |
| 25   | 15MD1A0225 | KAVALA NAGALAKSHMI         | IV/I        | K. Nagalakshmi    |





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|    |            |                             |      |                     |
|----|------------|-----------------------------|------|---------------------|
| 26 | 15MD1A0226 | KEERTHI LAVANYA             | IV/I | K. Lavanya          |
| 27 | 15MD1A0227 | KONDETI MOUNIKA             | IV/I | K. Mounika          |
| 28 | 15MD1A0228 | KOTARI SRI SAI DHANUSHA     | IV/I | K.S.S. Dhanusha     |
| 29 | 15MD1A0229 | KOTTA NEERAJA DURGAMBA      | IV/I | K.N. Durgamba       |
| 30 | 15MD1A0230 | KOYYA SUDHEER KUMAR         | IV/I | K.S. Kumar          |
| 31 | 15MD1A0231 | KSHATRI NAG THAKUR SINGH    | IV/I | K. Nag Thakur Singh |
| 32 | 15MD1A0233 | MALLINA RANJIT              | IV/I | M. Ranjit           |
| 33 | 15MD1A0234 | MANEPALLI KRISHNA CHAITANYA | IV/I | M. Krishnadaika     |
| 34 | 15MD1A0235 | NANDIVADA SAI SRUJITHA      | IV/I | N. Sai Srujitha     |
| 35 | 15MD1A0236 | NAVUDU VEERA DURGA SAI TEJA | IV/I | N.V.D. Sai Teja     |
| 36 | 15MD1A0237 | NEREDUMELLI JAVERI ANJALI   | IV/I | N. Javeri Anjali    |
| 37 | 15MD1A0238 | NICHENAKOLLA SHIVA          | IV/I | N. Shiva            |
| 38 | 15MD1A0239 | PAKA ABHIRAM                | IV/I | P. Abhiram          |
| 39 | 15MD1A0240 | PAMARTHI VENKATA NAGAMANI   | IV/I | P.V. Nagarani       |
| 40 | 15MD1A0241 | SWATHI SRI VEERAPARAJU      | IV/I | S.S. Veerapara      |
| 41 | 15MD1A0242 | TANUKU BABY MANJUSHA        | IV/I | T. Baby Manjusha    |
| 42 | 15MD1A0243 | THUPAKULA LAKSHMI LAHARI    | IV/I | T.L. Lahari         |
| 43 | 15MD1A0244 | TIRUPATHI JEEVA             | IV/I | T. Jeeva            |
| 44 | 15MD1A0245 | UNDAVALLI HEMASREE          | IV/I | U. Hemasree         |
| 45 | 15MD1A0246 | UNDAVALLI UMA SRI           | IV/I | U. Uma Sri          |
| 46 | 15MD1A0247 | UNGATI POORNIMA DEVI        | IV/I | U. Poornima         |
| 47 | 15MD1A0250 | VEERLA DURGA NANI           | IV/I | V. Durga Nani       |
| 48 | 15MD1A0251 | VEGI SAI RAMA DEVI          | IV/I | V. Sai Rama Devi    |
| 49 | 15MD1A0252 | VIPPARTHI SRIMUKHI          | IV/I | V. Srinukhi         |
| 50 | 15MD1A0253 | YAPADI SURESH TEJA          | IV/I | Y. Suresh Teja      |
| 51 | 16MD5A0201 | BEJAWADA UMAMAHESH          | IV/I | B. Umamahesh        |
| 52 | 16MD5A0202 | DODDI SRINU                 | IV/I | D. Srinu            |
| 53 | 16MD5A0203 | GARIGIPATI UMESH KUMAR      | IV/I | G. Umesh Kumar      |
| 54 | 16MD5A0204 | KAVALI S N GANESH           | IV/I | K.S.N. Ganesh       |









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|    |            |                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 15MD1A0243 | THUPAKULA LAKSHMI CAHARI | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 43 | 15MD1A0244 | TIRUPATHI LEEVA          | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 44 | 15MD1A0245 | UNDAVALLI HEEMASRI       | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 45 | 15MD1A0246 | UNDAVALLI UMA SR         | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 46 | 15MD1A0247 | UNGATI PCORNIVA DEV      | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 47 | 15MD1A0250 | VEERLA DURGA NANI        | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 15MD1A0251 | VEGI SAI RA VIA DEV      | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 49 | 15MD1A0252 | VIPPARTHI SRIMUKH        | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 50 | 15MD1A0253 | YAPADI SURESH TEJA       | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 51 | 16MD5A0201 | BEJAWADA UMAMAHESH       | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 52 | 16MD5A0202 | DODDI SRINU              | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 53 | 16MD5A0203 | GARIGIPATI UMESH KUMAR   | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 54 | 16MD5A0204 | KAVALI S N GANESH        | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 55 | 16MD5A0205 | LAGUDU PAVANKUMAR        | P | P | P | P | P | P | P | P | P | A | P | P | P | P |
| 56 | 16MD5A0206 | MADA PAVAN KUMAR SATISH  | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 57 | 16MD5A0207 | MEDISETTI SIVAKUMAR      | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 58 | 16MD5A0208 | PASALAPUDI SANDEEP       | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 59 | 16MD5A0209 | PERUBOYINA KUMAR         | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 60 | 16MD5A0210 | SADHANALA B KUMAR        | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 61 | 16MD5A0211 | TADI NAVEEN              | P | P | P | P | P | P | P | P | P | P | A | P | P | P |
| 62 | 16MD5A0212 | TUTIKA MEGA SAI RAJ      | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 63 | 16MD5A0213 | Y S NAGESWARA RAO        | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

Principal

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Date: 18-03-2019

### Program Report

**Name of the Event:** A TWO-WEEK ADD-ON PROGRAM ON CYBER SECURITY

**Date / Duration:** 04-03-2019 to 16-03-2019, 10:00 AM to 5:00 P.M.

**Resource Person:** Dr. R. RAMBABU  
Professor,  
H.O.D.Dept.of CSE  
RIET, Rajahmundry

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

**Number of students attended:** 65

#### **Objective of the event:**

- The course is designed in a way that a candidate can identify, analyze and remediate computer security breaches by learning and implementing the real-world scenarios in Cyber Investigations Laboratory, Network Security Laboratory and in Security and Penetration Testing Laboratory.
- Exhibit knowledge to secure corrupted systems, protect personal data, and secure computer networks in an Organization.
- Understand key terms and concepts in Cryptography, Governance and Compliance.
- Develop cyber security strategies and policies.



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### Topics Covered:

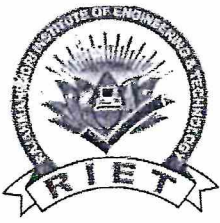
- Cyber Security Basics
- Cyber Security Principles
- User Authentication Methods
- IOT Security
- Investigation Methods
- Cyber Law
- Cyber Crimes

### Outcome of the event:

- Analyze and evaluate the cyber security needs of an organization.
- Determine and analyze software vulnerabilities and security solutions to reduce the risk of exploitation.
- Measure the performance and troubleshoot cyber security systems.
- Implement cyber security solutions and use of cyber security, information assurance, and cyber/computer forensics software/tools.
- Comprehend and execute risk management processes, risk treatment methods, and key risk and performance indicators.

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CO-ORDINATOR



**RESOURCE PERSON PROFILE**


**Name of the Certificate Program: "A TWO-WEEK ADD-ON PROGRAM ON CYBER SECURITY"**



**Dr. RAMBABU REDDY RAMPATRUNI**

Dr. R Rambabu Reddy, is working as Professor and Head of the Department, Dept. of CSE, Rajamahendri Institute of Engineering & Technology, Rajamahendravaram. He completed Ph.D. from JNTUK Kakinada in 2018. He has over eighteen years of academic experience in various institutions.

His Ph.D. work was on "Data mining and Bioinformatics" which was carried at JNTUK, Kakinada, A.P, India. Before his Ph.D., he had earned Bachelor of Engineering in Computer Science and Engineering from QIS College of Engineering & Technology, Ongole (Affiliated to JNTU Hyderabad), in 2003, and M.Tech. in Information Technology from Andhra University, Visakhapatnam, Andhra Pradesh in 2006.

  
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Dr. Rambabu Reddy has interests include Bioinformatics, Data Science, Algorithms, Artificial Intelligence, Data Mining, Computer Networks, Software Engineering, Mobile Computing Technologies, and Cloud Computing. He has published many papers in national and international journals and conferences.

He has been taken this administration role since December 2009. He actively participated in Academic and Administrative works at Department and Institutional levels. Guided various projects for both B.Tech and M.Tech students conducted seminars and workshops. Visited various colleges for final year projects adjudication.

  
CO-ORDINATOR

  
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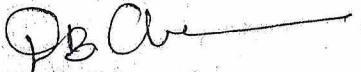
**CERTIFICATE OF PARTICIPATION**


*This is to certify that*

Mr./Mrs./Ms. Kasi Deepika  
Has participated in

**A TWO-WEEK ADD-ON PROGRAM ON "CYBER SECURITY"**

**04/03/2019 to 16/03/2019**

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

  
**Dr. R. Rambabu**  
Principal

  
**PRINCIPAL**  
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**CERTIFICATE OF PARTICIPATION**


*This is to certify that*

Mr./Mrs./Ms. Daivala Sivisha

Has participated in

**A TWO-WEEK ADD-ON PROGRAM ON "CYBER SECURITY"**

**04/03/2019 to 16/03/2019**

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

  
**Dr. R. Rambabu**  
Principal

  
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