RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

AISHE ID:C-18113	NAAC DVV	CYCLE II

6 : GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.3 Faculty Empowerment Strategies	6.3.3 % of teaching and nonteaching staff participating in PDPs during Last 5 Years

6.3.3(7) Brochures and reports of the organised FDPs, ATPs during the last five years

Organizing Committee

Chief Patron
Shri. A.V.V. Satyanarayana,
Chairman, Swarnandhra Educational Society

Patrons
Shri. K. Venkatesh,
Vice-chairman, Swarnandhra Educational
Society

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Secretory & Correspondent, Swarnandhra
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Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Dr. D. Naga Purnima,
Head of the Department,
Department of Sciences and Humanities,
Email id: sh.hod@riet.rjy.co.in

Co-ordinator
Mr. D. V. Ramana Kumar,
Assistant Professor,
Department of Electronics and
Communication Engineering ,
Mobile No: +91 9774375311 ,
Email id: ramanakumar.dulam@gmail.com

**A One Week Faculty Development
Program on**

"Innovative Teaching and Learning Strategies for Outcome-Based Education"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

PRINCIPAL

**A One Week Faculty Development
Program on**

"Innovative Teaching and Learning Strategies for Outcome-Based Education"

Schedule:
11-07-2022 to 16-07-2022

Venue: RIET Seminar Hall.

**Organized
by
Department Of Sciences and
Humanities**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

AP, 533107.

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE. Mechanical Engineering branch was started with an intake of 60 in the year 2011. CSE (AI&ML), CSE (DATA SCIENCE) branches were started with an intake of 60 students each in the year 2022. RIET has completed 14 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its twelfth 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.
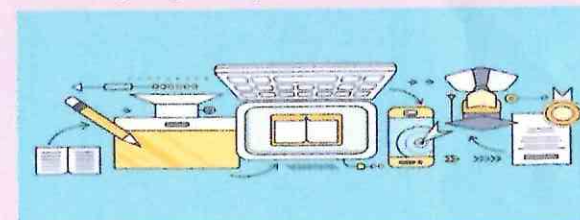

About the Department

The Department of Sciences and Humanities was established in the year 2008 with an intake of 264 students. The main objective of the department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects and it is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills, to compete for global opportunities. In view of the rapid development of knowledge and the technological changes, the department seeks to strengthen itself by integrating it with the engineering departments for a productive knowledge base. The department has been encouraging to conduct of workshops and seminars to enable the faculty to keep abreast of the knowledge and methodologies in the respective fields of research. The department can also help engineers understand the broad social and cultural impacts of applying knowledge to address challenges and opportunities in the workplace and in their communities.

About the Program

The objective of the "Innovative Teaching and Learning Strategies for Outcome-Based Education" FDP was to equip faculty members with the knowledge and skills necessary to integrate innovative teaching methods, assessment techniques, and technology into their courses, ultimately improving student learning outcomes.

Topics to be Covered

During the six-day program, the following key topics were covered:

- Understanding Outcome-Based Education (OBE) principles
- Aligning course objectives with learning outcomes
- Active learning strategies and flipped classroom models
- Assessment methods and rubrics for OBE
- Blended learning and technology integration
- Research in education and curriculum development
- Strategies for collecting student feedback

Resource Person

Dr. G Jose Moses
 Professor,
Department of Computer Science Engineering,
Organization : Grunanak Group of Institutions ,
Mobile No:+91 **9701329977**
,Email id :, josemoses@gmail.com

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

Date:20-07-2022

PROGRAM REPORT

Name of the Program : A one Week Faculty Development Program on **"Innovative Teaching and Learning Strategies for Outcome-Based Education."**

Date/Duration   : 11.07.2022 to 17.07.2022(One week)

Timings   : 9:30 AM to 4:00 PM

Resource Person Details:

Name   : **Dr. G Jose Moses**

Designation   : Professor

Department : CSE

Organization: **Grunanak Group of Institutions**

Email Id   : josemoses@gmail.com

Contact Number: 9701329977

Name of the Coordinator: Mr. D.N.V Ramana Kumar, Assistant Professor, S&H Dept

Number of Participants   : 50

Program Objective: The objective of the "Innovative Teaching and Learning Strategies for Outcome-Based Education" FDP was to equip faculty members with the knowledge and skills necessary to integrate innovative teaching methods, assessment techniques, and technology into their courses, ultimately improving student learning outcomes.

Topics Covered: During the six-day program, the following key topics were covered:

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- Strategies for collecting student feedback

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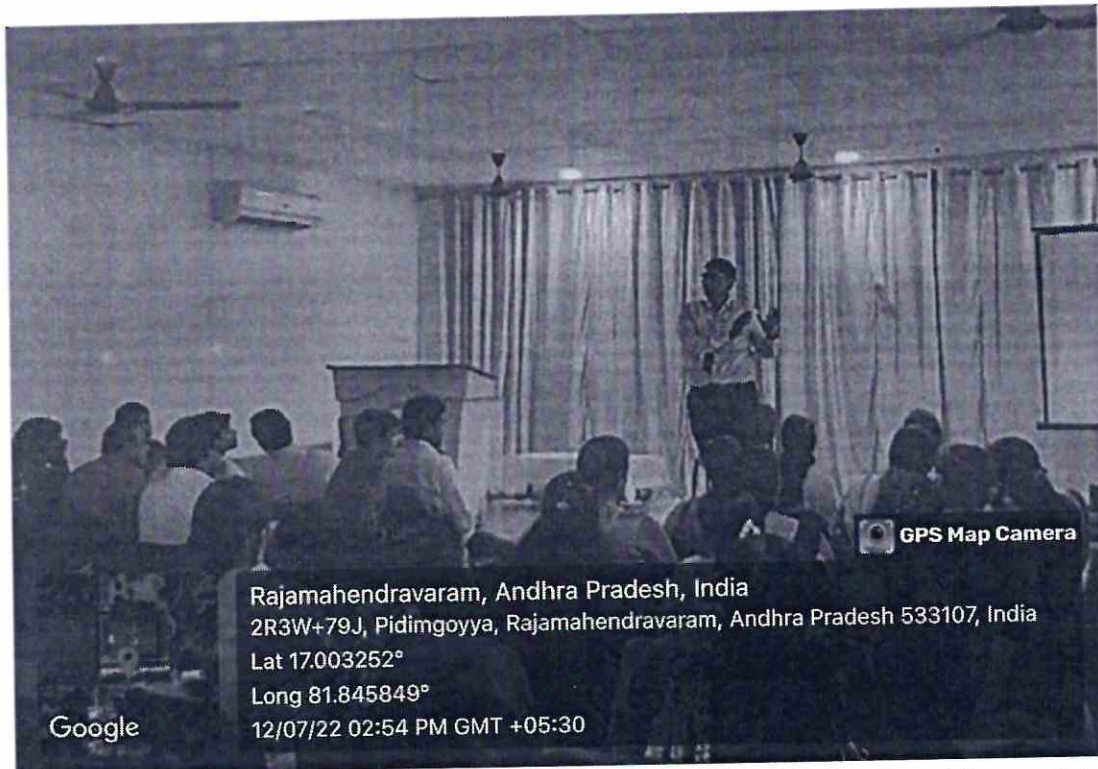eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Outcome of the Program:

- Enhanced Teaching Skills: Participants gained a deeper understanding of OBE and acquired innovative teaching pedagogies that can be applied to their courses.
- Effective Assessment Techniques: Faculty members learned to design effective assessments and create rubrics aligned with learning outcomes.
- Technology Integration: The program equipped participants with the knowledge and confidence to incorporate technology and blended learning into their teaching.
- Curriculum Development: Participants had the opportunity to work on course curriculum development, ensuring alignment with OBE principles.
- Improved Feedback Mechanisms: Strategies for collecting and utilizing student feedback were discussed, enabling faculty members to make data-driven improvements to their courses.

The FDP was a comprehensive and interactive program that empowered faculty members to enhance their teaching methodologies and align their courses with Outcome-Based Education principles. Participants left with valuable insights and practical skills that will positively impact student learning outcomes in their respective departments.

Rajamahendravaram, Andhra Pradesh, India
2R3W+79J, Pidimgoyya, Rajamahendravaram, Andhra Pradesh 533107, India
Lat 17.003252°
Long 81.845849°
12/07/22 02:54 PM GMT +05:30

Resource person **Dr. G Jose Moses** created awareness on **"Innovative Teaching and Learning Strategies for Outcome-Based Education"** for faculty members

Coordinator

HOD

Organizing Committee

Chief Patron
Shri. A.V.V. Satyanarayana,
Chairman, Swarnandhra Educational Society

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Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Mr. B. Sudhir ,
Head of the Department,
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Communication Engineering ,
Email id: bsudhir@gmail.com

Co-ordinator
Mr. J. Kiran Chandra Sekhar,
Assistant Professor,
Department of Electronics and
Communication Engineering ,
Mobile No: +91 9966049405 ,
Email id: kiran.jarajapu@gmail.com

A One Week Faculty Development Program on

"KEIL Embedded Development Tools for ARM "

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY

A One Week Faculty Development Program on
"KEIL Embedded Development Tools for ARM "

Schedule:
21-11-2022 to 26-11-2022
Venue: RIET LH-203,RIET(Second Floor)

Organized
by
Department Of Electronics and
Communication Engineering

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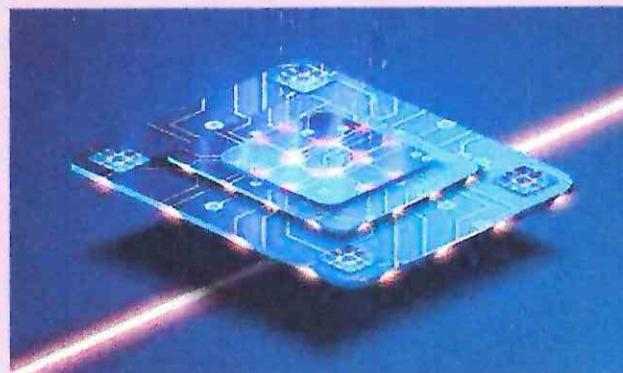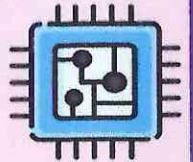

About the Department

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

The objective of this Faculty Development Program (FDP) on Embedded System is intended to give theoretical background and hands-on experience in hardware & software development for embedded system. The FDP will be customized for the training on micro controller uses in embedded system. The FDP will provide hands-on practice on KEIL Simulator. Further, a brief overview of ARM Processor Cortex M3 will help for future enhancemen t o f per formance o f the embedded systems.

Topics to be Covered

- Introduction to Overview of Embedded System : Design challenge – optimizing design metrics
- Three key embedded system technologies
- Microprocessor vs Microcontroller, Types of microcontroller, 8051 Family microcontroller
- Programming of 8051 micro-controller, Assembly & C language programming
- Programming of Microcontroller on KEIL Simulator & Circuit Simulation on Proteus Software
- Features of Cortex M3, Advantages of using ARM, Development tools

Resource Person

Dr. A. Ramesh,
Professor,
Principal,
Aditya College of Engineering (MH).
Surampalem-533 437Andhrapradesh
Ph No : +91 7339872186
email : dr.ramesh74@acoe.edu.in

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eMail: office@rietrjy.co.inWebsite: www.rietrjy.co.inPh: +91 91212 14413

Date:30-11-2022

PROGRAM REPORT

Name of the Program	: "A One-Week Faculty Development Program on KEIL Embedded Development Tools for ARM"
Date/Duration	:21-11-2022 **to** 26-11-2022(One Week).
Timings	:09:30AM to 04:00PM

Resource Person Details:

- **Name** : Dr. A.Ramesh
- **Designation** : **Professor**
- **Department** : EEE
- **Organization** : **Aditya Engineering College**
- **Email Id** : dr.ramesh74@acoe.edu.in
- **Contact Number** : 7339872186

Program Objectives:

The objective of this Faculty Development Program (FDP) on Embedded System is intended to give theoretical background and hands-on experience in hardware & software development for embedded system. The FDP will be customized for the training on microcontroller uses in embedded system. The FDP will provide hands-on practice on KEIL Simulator. Further, a brief overview of ARM Processor Cortex M3 will help for future enhancement of performance o f the embedded systems.

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- Programming of Microcontroller on KEIL Simulator & Circuit Simulation on Proteus Software
- Features of Cortex M3, Advantages of using ARM, Development tools

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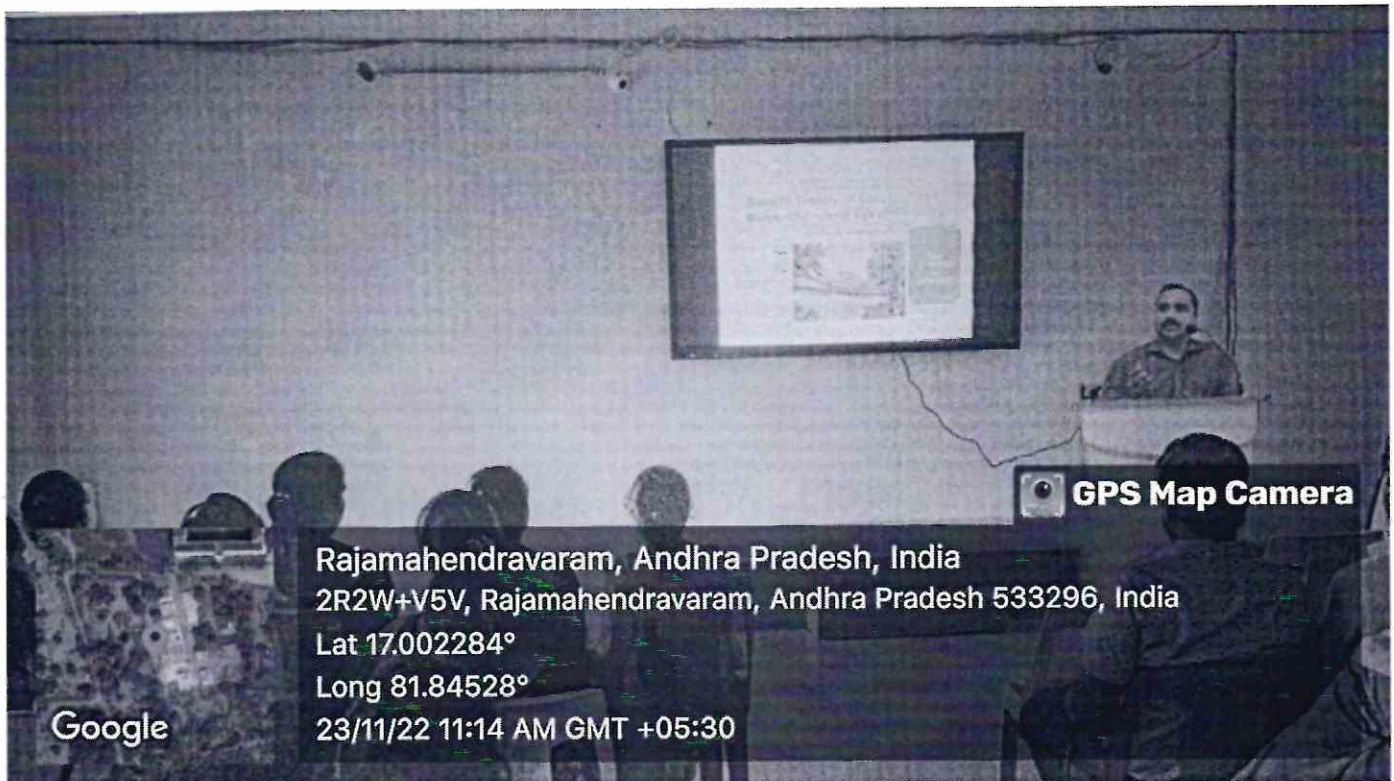## INSTITUTE OF ENGINEERING & TECHNOLOGY
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Program Outcomes:

At end of the Faculty Development Program all the participants will be able to

- The industry-standard tool chain for all 8051-compatible devices. It supports classic 8051, Dallas 390, NXP MX, extended 8051 variants, and C251 devices. The µVision IDE and debugger offer complete device simulation and various debug solutions.
  - This comprehensive software development environment caters to a range of Arm Cortex-M based microcontroller devices. It includes the following components:
  - Keil Studio: A versatile integrated development environment (IDE) that facilitates software development.
  - µVision IDE and Debugger: An essential tool for writing, debugging, and analyzing code.
  - Arm C/C++ Compiler: Enables efficient compilation of code.
  - Middleware Components: Essential building blocks for embedded systems development.

COORDINATOR   **HOD**

Organizing Committee

Chief Patron
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Chairman, Swarnandhra Educational Society

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Sri. R. R. S. S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr.R.Rambabu,
Principal, RIET

Convener
Dr.R.Rambabu
Head of the Department,
Department of Computer Science and Engineering,
Email id: cse.hod@rietrjy.co.in

Coordinator
Mrs. K. Jyothi,
Assistant Professor,
Department of Computer Science and Engineering,
Mobile No: +91 9493715900 ,
Email id: jyothikandregula22@gmail.com

A one Week Faculty Development Program On
"CYBER SECURITY IN THE EAR OF ARTIFICIAL INTELLIGENCE"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:

Station:

PRINCIPAL

SCHEDULE:

01-05-2023 to 06-05-2023
Venue: RIET Seminar Hall.

Organized by
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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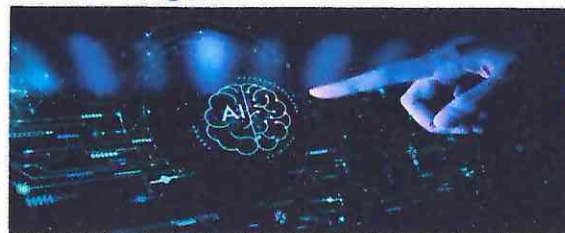
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About the Department

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

- Understanding and improve the subject skills theoretical and practical manner in the fields of Cyber Security in the Era of Artificial Intelligence (AI) as per the present trends and technologies.
- It will help all the participants to learn, teach and research regarding AI tools and techniques for the security purpose in different domains like agriculture, health, education and business etc…

improves the chances of getting research ideology in the following domains such as

✓ Cyber Security
✓ Artificial Intelligence (AI)

Topics to be Covered

- Cyber Security, Scam sand Law
- Anti-Ransom ware
- Security in Fin Tech
- Use off normal verification in Security Analysis
- Block chain Technology
- Digital Forensics
- Cryptography and Modern Cryptography
- Quantum Computing and Cryptography
- Post Quantum Cryptography
- Artificial Intelligence, Artificial Neural Networks and Deep Learning
- Deep-Fakes using GANs (Genrative Adversarial Networks)and Cyber Security

Resource Person

Dr. B. V. S. Varma,
Professor,
Department of Computer Science and Engineering,
DNR College of Engineering and Technology,
Mobile No:+91 9666575424 ,
Email id: phdvarma @gmail.com

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DATE: 08-05-2023

PROGRAM REPORT

Name of the Program	: "Cyber Security in the Era of Artificial Intelligence (AI)"
Date/Duration	: 01-05-2023 to 06-05-2023 (Six Days).
Resource Person	: Dr. B V S Varma, M.Tech, Ph.D
	Professor, CSE Dept.
	Vice Principal,
	DNRCET Bhimavaram,
Phone	: 9666575424
EMail	: phdvarma@gmail.com
Name of the Coordinator	: Mrs. K Jyothi, Assistant Professor, CSE Dept, RIET.
No of the Participants	:35

Program Objectives:

This Faculty Development Program that enlightens the knowledge of all the participants and faculty in the fallowing aspects:

- Understanding and improving the subject skills theoretical and practical manner in the fields of Cyber Security in the Era of Artificial Intelligence (AI) as per the present trends and technologies.
- It will help all the participants to learn, teach and research regarding AI tools and techniques for the security purpose in different domains like agriculture, health, education and business etc…
- improves the chances of getting research ideology in the following domains such as
  - ✓ Cyber Security
  - ✓ Artificial Intelligence (AI)
- The followed Hands-on session on theoretical topics that imparts knowledge to participants about the tools and applications that may ease our day to day life and real time activities and the problems.

Topics Covered:

- Cyber Security, Scams and Law
- Anti-Ransomware
- Security in FinTech
- Use of formal verification in Security Analysis
- Block-chain Technology
- Digital Forensics
- Cryptography and Modern Cryptography
- Quantum Computing and Cryptography
- Post Quantum Cryptography
- Artificial Intelligence, Artificial Neural Networks and Deep Learning
- Deep-FakesusingGANs(GenrativeAdversarialNetworks)andCyberSecurity
- User Authentication using Deep Learning based methods.

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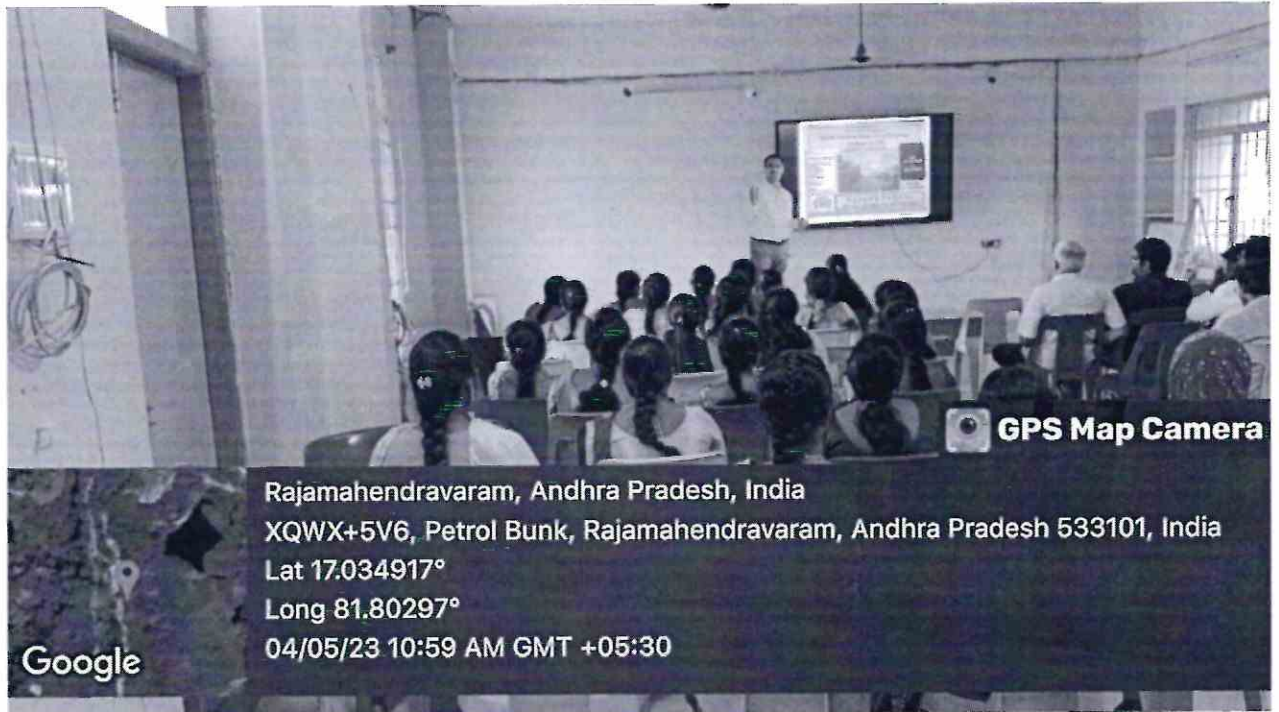**BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.**
eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

Program Outcomes:

At end of the Faculty Development Program all the participants and Faculty will be able to

- Train and shine the learners and students in Cyber Security in the Era of Artificial Intelligence (AI) as well as make path for their career growth by guiding them.
- Applying the tools and applications of knowledge regarding Cyber Security in the Era of Artificial Intelligence (AI) in our day to day life to solve the problems by theoretical and analytical way.
- Developing a smart system incorporating the thrust areas and uses the learned applications that may ease our day to day and real-life activities.
- Make the machines and smart computing devices to adapting new trends and techniques of AI for the security purpose in various domains like health, agriculture, education and busyness etc... as per the requirements.
- Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.

Rajamahendravaram, Andhra Pradesh, India
XQWX+5V6, Petrol Bunk, Rajamahendravaram, Andhra Pradesh 533101, India
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Long 81.80297°
04/05/23 10:59 AM GMT +05:30

Coordinator

HOD

Organizing Committee

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Department of Sciences and Humanities,
Email id: sh.hod@riet.rjv.co.in

Co-ordinator
Mr. P. Satish Kumar,
Assistant Professor,
Department of Sciences and Humanities,
Mobile No: +91 9949493825,
Email id: satishkumar.english@.com

A One Week Administrative Training Program on

"Microsoft office for non teaching staff"
REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:

8. Signature of Faculty:
9. Remarks (if any):

Date:
Station:

M.

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

A One Week Administrative Training Program on

"Microsoft office for non teaching staff"

Schedule:
13-03-2023 to 18-03-2023
Venue: RIET Seminar Hall.

**Organized
by
Department Of Sciences and Humanities**

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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. Mechanical Engineering branch was started with an intake of 60 in the year 2011. CSE (AI&ML), CSE (DATA SCIENCE) branches were started with an intake of 60 students each in the year 2022. RIET has completed 14 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its twelfth 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 Sciences and Humanities was established in the year 2008 with an intake of 264 students. The main objective of the department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects and it is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills, to compete for global opportunities. In view of the rapid development of knowledge and the technological changes, the department seeks to strengthen itself by integrating it with the engineering departments for a productive knowledge base. The department has been encouraging to conduct of workshops and seminars to enable the faculty to keep abreast of the knowledge and methodologies in the respective fields of research. The department can also help engineers understand the broad social and cultural impacts of applying knowledge to address challenges and opportunities in the workplace and in their communities.

About the Program

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

In the modern higher education landscape, non-teaching staff play a crucial but often overlooked role in ensuring the efficient operation of universities and colleges. They manage administrative tasks, provide vital student support, and facilitate communication between departments. Proficiency in productivity suites like Microsoft Office has become essential for these unsung heroes. "Enhancing Office Productivity: Microsoft Office Training for Non-Teaching Staff" has been designed to cater to their specific needs. This program equips non-teaching staff with essential skills to maximize the potential of Microsoft Office tools, enhancing proficiency in Word, Excel, PowerPoint, Google Workspace, and Google Drive. Participants gain practical insights and techniques to streamline tasks, encourage collaboration, and boost overall productivity. These skills enable them to excel in their roles, contributing significantly to the success of academic institution.

Topics to be Covered

- Introduction to Microsoft
- Document Formatting and Efficiency
- Advanced Word
- Introduction to Power Point
- Introduction to Microsoft
- Data Management and Analysis using Excel
- Advanced Excel
- Outlook and One Drive

Resource Person

Name : G Swarna Latha,
Designation : Assistant Professor,
Department : Computer Science and Engineering,
Organization : RIET College,
Email Id : dasariswarnaprasad@gmail.com
Contact Number : 9440894420.

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

Date : 21.03.2023

PROGRAM REPORT

Name of the Program : A one Week Administrative Training Program on **"Microsoft Office for Non-Teaching Staff"**

Date/Duration   : 13.03.2023to 18.03.2023 (One week)

Timings   : 03:30 PM to 4:30 PM

Resource Person Details

    Name   : G Swarna Latha

    Designation   : Assistant Professor

    Department   : CSE

    Organization : RIET College

    Email Id   : dasariswarnaprasad@gmail.com

    Contact Number : 9440894420

Name of the Coordinator: Mr. P Satish Kumar, Assistant Professor, RIET College

Number of Participants   : 20

Program Objective:

    This Administrative Training Program or workshop that enlightens the knowledge of all the participants in the following aspects:

In the modern higher education landscape, non-teaching staff play a crucial but often overlooked role in ensuring the efficient operation of universities and colleges. They manage administrative tasks, provide vital student support, and facilitate communication between departments. Proficiency in productivity suites like Microsoft Office has become essential for these unsung heroes. "Enhancing Office Productivity: Microsoft Office Training for Non-Teaching Staff" has been designed to cater to their specific needs. This program equips non-teaching staff with essential skills to maximize the potential of Microsoft Office tools, enhancing proficiency in Word, Excel, PowerPoint, Google Workspace, and Google Drive. Participants gain practical insights and techniques to streamline tasks, encourage collaboration, and boost overall productivity. These skills enable them to excel in their roles, contributing significantly to the success of academic institution

Topics Covered:

- Introduction to Microsoft
- Document Formatting and Efficiency
- Advanced Word

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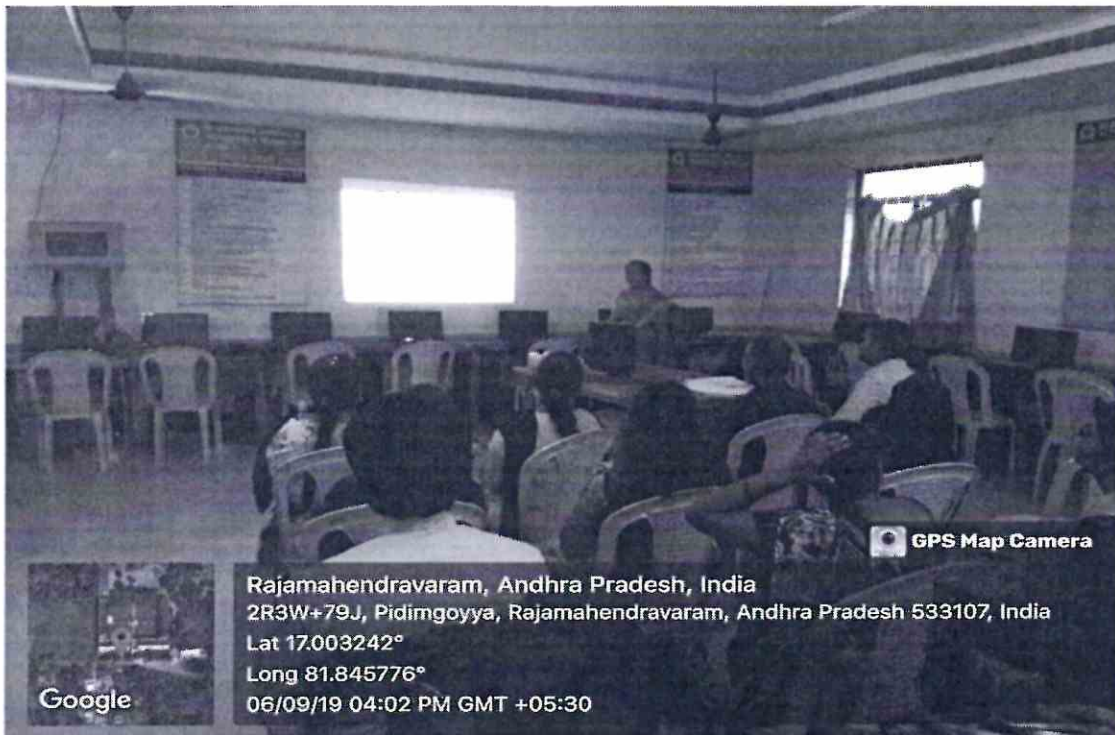eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Outcome of the Program:

At end of the Administrative Training Program all the participants and Staff will be able to proper planning when working towards completing the tasks

- Non-Teaching Staff desires to have a good reputation as an effective contributor to the Mission/Vision and Objectives of the university/college early on in their careers.

- Professional development activities should be given to both academic, administrative, and Non-Teaching Staff as it should be an ongoing process.

- The Non-Teaching Staffs regardless of the number of years of working in the university/college is focused more on establishing the foundation for their career as manifested by their need for professional development characterized by their need to be trained on Developing and Achieving Personal Goals, Career Planning and Goal Setting, Understanding Nonverbal Communication, and Preventing Job Burnout.

- Non-Teaching Staff Training Program on Augmentation in Perfection of Working Proficiency of Non-Teaching Staff and Officers will help the Non-Teaching Staff to boost their Perfection and improve their Proficiency at Workplace.

Resource person **Dr. D N Purnima** created awareness on **"Working Proficiency of Non-Teaching Staff and Office"** for staff members

Coordinator   HOD

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,
Secretory & 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

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Mr. D. Harsha Vardhan ,
Head of the Department,
Department of Electronics and
Communication Engineering ,
Email id: dasarivijay2003@gmail.com

Co-ordinator
Mr. N. Pavan Kumar,
Assistant Professor,
Department of Electronics and
Communication Engineering ,
Mobile No: +91 8106397579,
Email id: nalampavankumar12@gmail.com

A One Week Faculty Development Program on "Artificial Intelligence in VLSI Chip"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

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

A One Week Faculty Development Program on "Artificial Intelligence in VLSI Chip"

Schedule:
15-11-2021 to 20-11-2021

Venue: RIET LH-203,RIET(Second Floor)

**Organized
by
Department Of Electronics and
Communication Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

**Approved by AICTE, New Delhi Affiliated
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AP, 533107.

About the Institute

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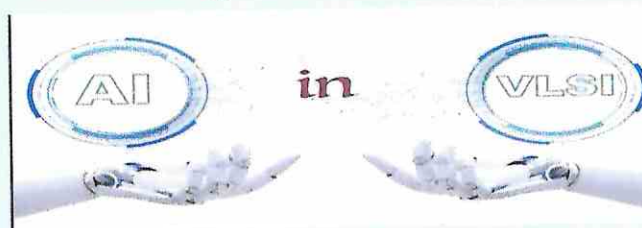

About the Department

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

Enhance the faculty's skills and understanding in the fields of Machine Learning (ML) and Generative AI, equipping them to impart knowledge to their students effectively. The primary goal of the FDP is to promote research and developmental activities to solve problems related to Advanced VLSI (Chip) Logic Design, Physical Design in current AI era. This creates an opportunity to equip with the ongoing Technological development in the area of VLSI and AI. The program is intended to provide a vibrant opportunity for Electronics.

Topics to be Covered

- Artificial Intelligent (AI) techniques inα VLSI design automation
- Learning algorithms for VLSI designα automation
- Artificial Intelligence basedα architectural programming model in VLSI : WEAVER architecture
- Geometric methodology usingα object-oriented paradigm in VLSI layout placement and routing
- Structural perspectives for logicalα interconnection
- AI based VLSI CAD toolsα.
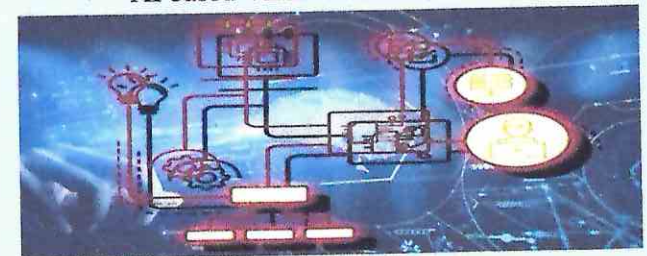
Resource Person
Dr. D. Nataraj,
Professor,
Department of Electronics and Communication Engineering ,
Pragthi Enginnering College,
Mobile No:+91 8309477369 ,
Email id: dasari.nataraj@gmail.com

Date:24-11-2021

PROGRAM REPORT

Name of the Program : "A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip"

Date/Duration :15-11-2021 **to** 20-11-2021(One Week).

Timings :09:30AM to 04:00PM

Resource Person Details:

- **Name** : Dr. D.Nataraj
- **Designation** : Professor
- **Department** : ECE
- **Organization** : Pragathi Engineering College
- **Email Id** : dasari.natraj@gmail.com
- **Contact Number** :8309477369

Program Objectives:

Enhance the faculty's skills and understanding in the fields of Machine Learning (ML) and Generative AI, equipping them to impart knowledge to their students effectively. The primary goal of the FDP is to promote research and developmental activities to solve problems related to Advanced VLSI (Chip) Logic Design, Physical Design in current AI era. This creates an opportunity to equip with the ongoing Technological development in the area of VLSI and AI. The program is intended to provide a vibrant opportunity for Electronics.

Topics Covered:

- Artificial Intelligent (AI) techniques inα VLSI design automation
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- Structural perspectives for logicalα interconnection
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eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Program Outcomes:

At end of the Faculty Development Program all the participants will be able to

- Solve practical and state of the art AI problems to serve VLSI & MEMS industries.
- Apply AI design approaches to solve energy efficient Memory chips and Processors.
- Develop AI compatible systems by assembling solutions to produce advanced circuits.

GPS Map Camera

Rajamahendravaram, Andhra Pradesh, India
2R2W+V5V, Rajamahendravaram, Andhra Pradesh 533296, India
Lat 17.002284°
Long 81.84528°
16/11/21 11:13 AM GMT +05:30

COORDINATOR   **HOD**

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,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Dr. D. Naga Purnima,
Head of the Department,
Department of Sciences and Humanities,
Email id: sh.hod@riet.rjy.co.in

Co-ordinator
Mr. P. Satish Kumar,
Assistant Professor,
Department of Sciences and Humanities,
Mobile No: +91 91 9949493825,
Email id: satishkumar.english@.com

A One Week Faculty Development Program on
"Student Engagement Strategies for Technical Educators"

REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:

8. Signature of Faculty:
9. Remarks (if any):

Date:
Station:

M.ベ

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

A One Week Faculty Development Program on
"Student Engagement Strategies for Technical Educators"

Schedule:
04-04-2022 to 09-04-2022
Venue: RIET Seminar Hall.

Organized
by
Department Of Sciences and Humanities

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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by JNTUK and Accredited by NAAC
Bhoopalapatnam, RAJAMAHENDRAVARAM,

AP, 533107.

About the Institute

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About the Department

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About the Program

The objective of the "Student Engagement Strategies for Technical Educators " FDP was to More than ever, educators need to employ student engagement strategies that inspire and prepare children to embrace science and potentially pursue it in their college and career choices. Science is the systematic study of the structure and behaviour of the physical, social, and natural worlds through observation and experimentation. It's key to innovation, global competitiveness, and human advancement. It's important that the world continues to advance the field of science, whether it's finding new cures for cancer and other diseases or identifying and exploring new galaxies.

Topics to be Covered

- Introduction The Value of Learning Science
- Teaching Strategies for Educators
- Hands-on experiments
- Inquiry-based learning
- Using technology in the classroom
- Collaborative learning
- Gamification, Field trips
- Project-based learning.

Resource Person

Name   : V. R. V. Winson,
Designation   : **Assistant Professor,**
Department   : HBS,
Organization   : GIET Engineering College,
Email Id   : winson.elt@gmail.com
Contact Number: 9444985477.

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

Date : 12-04-2022

PROGRAM REPORT

Name of the Program : A one Week Faculty Development Program on **"Student Engagement Strategies for technical Educators"**

Date/Duration   : **04.04.2022 to 09.04.2022** (One week)

Timings   : **9:30 AM to 4:00 PM**

Resource Person Details

    Name   : **Mr. V R V Winson**

    Designation   : **Assistant Professor**

    Department   : **HBS**

    Organization: **GIET Engineering College**

    Email Id   : **winson.elt@gmail.com**

    Contact Number: 9444985477

Name of the Coordinator: Mr. Satish Kumar, Assistant Professor, S&H Dept

Number of Participants   : 46

Program Objective:

The objective of the "Student Engagement Strategies for Technical Educators" FDP was to More than ever, educators need to employ student engagement strategies that inspire and prepare children to embrace science and potentially pursue it in their college and career choices.

Science is the systematic study of the structure and behaviour of the physical, social, and natural worlds through observation and experimentation. It's key to innovation, global competitiveness, and human advancement. It's important that the world continues to advance the field of science, whether it's finding new cures for cancer and other diseases or identifying and exploring new galaxies.

. Topics Covered:

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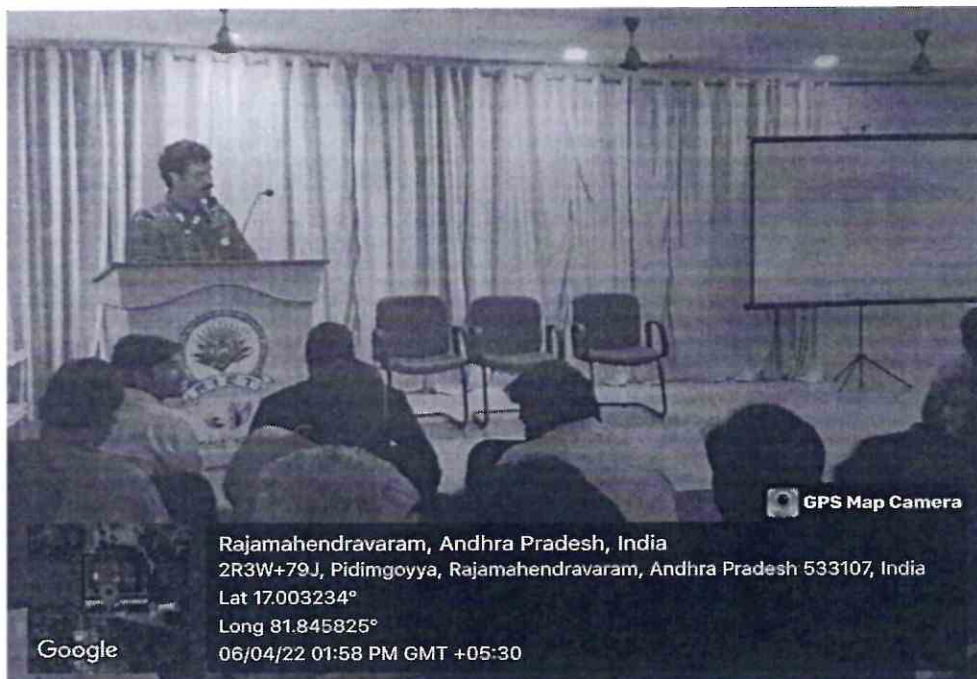eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

- Using technology in the classroom
- Collaborative learning
- Gamification, Field trips
- Project-based learning

Program Outcomes:

At the end of the Faculty Development Program all the participants and Faculty will be able to proper planning when working towards completing the tasks

Engaging students in technical content requires educators to help students see themselves as scientists and engineers instead of passively observing other people doing the work of science. It is about creating opportunities for them to see science in application instead of just reading about it in a textbook." Complex textbooks are important to have, but if young learners can't grasp the information and educators aren't effectively teaching the content, then it limits students' chances for success.

The "Student Engagement Strategies for technical Educators" FDP was instrumental in equipping engineering faculty with, empowering them to excel in their roles and contribute positively to the development of their students and the institution.

Rajamahendravaram, Andhra Pradesh, India
2R3W+79J, Pidimgoyya, Rajamahendravaram, Andhra Pradesh 533107, India
Lat 17.003234°
Long 81.845825°
06/04/22 01:58 PM GMT +05:30

Resource person: **Mr. V R V Winson** created awareness on **"Student Engagement Strategies for technical Educators"** for faculty members

Coordinator   HOD

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,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and Engineering ,
Email id: cse.hod@rietrjy.co.in

Co-ordinator
Mrs. P. Manasa,
Assistant Professor,
Department of Computer Science and Engineering ,
Mobile No: +91 7680033815 ,
Email id: manasa.feb1@gmail.com

A One Week Faculty Development
Program on
"Recent Trends in Security:"
IOT, Block-chain, and Cyber Security

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

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

A One Week Faculty Development
Program on
"Recent Trends in Security:"
IOT, Block-chain, and Cyber Security
Schedule:

23-05-20 22 to 28-05-20 22
Venue: RIET Seminar Hall.

**Organized
by
Department Of Computer Science And
Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING &
TECHNOLOGY
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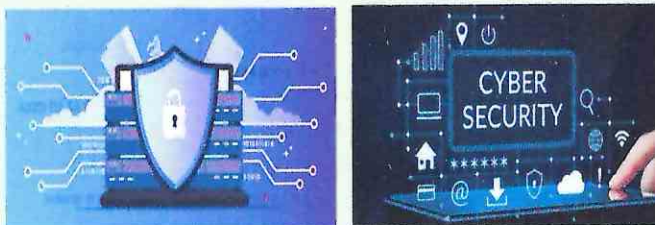
About the Institute

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About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.
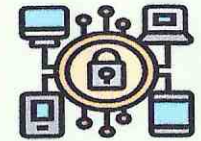
About the Program

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- To explore recent trends in cyber attacks and defense against cyber risks with a practical approach
- To Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in these domains such as
  - ✓ Internet-of-Things,
  - ✓ Block chain technology
  - ✓ Cyber Security .

Topics to be Covered

Introduction and Importance of Block chain Technology and Cyber Security Cyber Attacks with Hands-on Session: Recent trends, prevention and protection

- IOT/CPS Fundamentals with Hands-on Session: Components, architectures, applications, protocols, security attacks, security methods, and past attacks.

- Web Attacks and Countermeasures with Hands-on Session: Principles of Authentication and Authorization, Cookie Stealing Attacks, Cross Site Scripting, Cross Site Request Forgery, Click jacking, SSRF, Security Policies and Countermeasures
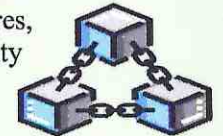
Resource Person

Dr. Y. Venkateswarlu,
Professor,
Department of Computer Science and Engineering ,
B. V. C College Engineering and Technology,
Mobile No: +91 9948388000 ,
Email id: dr.yallavenkat@gmail.com

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

DATE: 30-05-2022

PROGRAM REPORT

Name of the Program	: "Recent Trends in Security: IoT, Blockchain, and Cyber Security"
Date/Duration	: **23-05-2022 to 28-05-2022** (Six Days).
Resource Person	: Dr. Yalla Venkateswarulu, Professor, CSE Dept, Head of Department, BV CR (Autonomous),
Phone	: 9948388000
Email	: dr.yallavenkat@gmail.com
Name of the Coordinator	: Mrs. P Manasa, Assistant Professor, CSE Dept.
No of the Participants	: 45

Program Objectives:

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- To explore recent trends in cyber attacks and defense against cyber risks with a practical approach
- To gain insights of cyber physical system security and IoT security with hands-on experience on security assessment tools.
- To understand the web security, web attacks and its countermeasures using various tools.
- To provide conceptual understanding of block chain technology using various development tools and frameworks.
- To Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in these domains such as
 - ✓ Internet-of-Things,
  - ✓ Block chain technology
  - ✓ Cyber Security

The followed Hands-on sessions on theoretical topics that imparts knowledge to participants about the applications and tools that may ease our day to day and real life activities and the problems.

Topics Covered:

- Introduction and Importance of Block chain Technology and Cyber Security
- Cyber Attacks with Hands-on Session: Recent trends, prevention and protection
- IoT/CPS Fundamentals with Hands-on Session: Components, architectures, applications, protocols, security attacks, security methods, and past attacks
- Web Attacks and Countermeasures with Hands-on Session: Principles of Authentication and Authorization, Cookie Stealing Attacks, Cross Site Scripting, Cross Site Request Forgery, Clickjacking, SSRF, Security Policies and Countermeasures
- Block Chain with Hands-on Session: Consensus protocols and requirements to build any smart application.
- Block-chain development Tools and Frameworks with use cases follows Hands-on Session.

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Program Outcomes:

At end of the Faculty Development Program all the participants and Faculty will be able to

- Understood Recent Trends in Cyber attacks that on going on Front end and Back end soft computing devices and knew the importance of Cyber Security, Block Chain Technology and IoT that effect on everyday life activities.
- Got the grip on these domains and enlighten the students and learners with their guidance and build the students careers in relevant domains like Cyber Security, Block Chain Technology and IoT.
- Developing a smart system incorporating the thrust areas by using the knowledge learned in these domains and solve the problems in theoretical and analytical way.
- Adapting new trends and technologies of accessing and retrieving the data and analyze it and provide Security by prevent and protection way.
- Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.

Rajamahendravaram, Andhra Pradesh, India
XQWX+5V6, Petrol Bunk, Rajamahendravaram, Andhra Pradesh 533101, India
Lat 17.034917°
Long 81.80297°
24/05/22 11:05 AM GMT +05:30

Coordinator

HOD

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,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. T.V.L. Narasimha Rao,
Vice-Chairman, Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Mr. P. Atcharao,
Head of the Department,
Department of Mechanical Engineering,
Email id:patcharao.666@gmail.com ,

Co-ordinator
Mr. P.Murali Krishna,
Assistant Professor,
Department of Mechanical Engineering ,
Mobile No: +91 9490041529,
Email id: pvmkrishna. 423@gmail.com

A One Week Administrative Training Program on
"Administrative Skills for Professional Development"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

M.rhh
PRINCIPAL

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

A One Week Administrative Training Program on
"Administrative Skills for Professional Development"

Schedule:
25-04-2022 to 30-04-2022
Venue: RIET Seminar Hall.

Organized
by
Department Of Mechanical Engineering

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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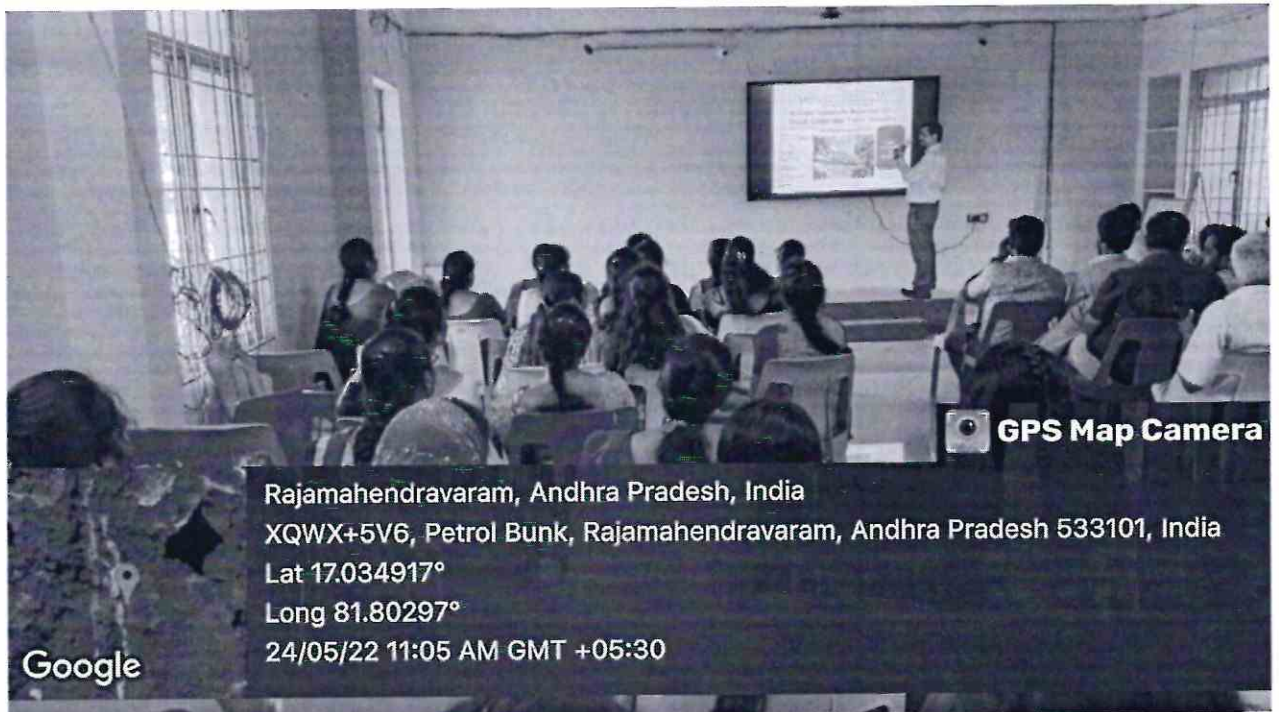Bhoopalapatnam, RAJAMAHENDRAVARAM,

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. Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh 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, mettaralgy 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

These are skills of responsibility. It is about proper documentation – the process of doing things the right way or the accepted way, working on developing new processes to make the experience for customers, employees, and stakeholders better, answering any questions and solving challenges that employees are facing.

Organizations wouldn't be able to function effectively if these skills lacked. Administrative skills or administrative experience is crucial when working in a team, as these skills will help you meet the team's needs and listen to their requirements.
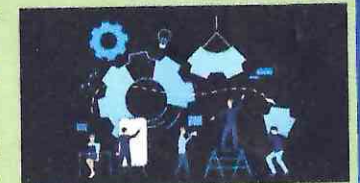
Topics to be Covered

- Introduction
- The importance of Administrative skills/ administrative experience
- How to improve your administrative skills
- Require technical knowledge regarding Administrative
- Require Communication skills include both written and oral
- Tips to make office work more friendly

Resource Person

Mr. D. Ramana Kumar ,

Associate Professor,

Department of Computer Science and

Engineering,Organization   : Rajamahendri

Institute of Engineering and Technology,

Mobile No:+91 9774375311,

Email id: ramanakumar.dulam@gmail.com

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

DATE:04-05-2022

PROGRAM REPORT

Name of the Program	:"Administrative Skills for Professional Development"
Date/Duration	:25.04.2022 to 30.04.2022. (Six Days).
Timings	:9.30 AM to 4.00 PM

Resource Person Details

Name	: **Mr.D.N.V. Ramana Kumar**
Designation	: Assistant Professor,
Deparment	: S&H
College	: Rajamahendri Institute of Engineering and Technology
Phone Number	: 9774375311
Email Id	: ramanakumar.dulam@gmail.com

Name of the Coordinator   : Mr.P.Murali Krishna, Assistant Professor, Mech

Dept. CollegeNo of the Participants : 9

Program Objectives:

These are skills of responsibility. It is about proper documentation – the process of doing things the right way or the accepted way, working on developing new processes to make the experience for customers, employees, and stakeholders better, answering any questions and solving challenges that employees are facing.

Organizations wouldn't be able to function effectively if these skills lacked. Administrative skills or administrative experience is crucial when working in a team, as these skills will help you meet the team's needs and listen to their requirements.
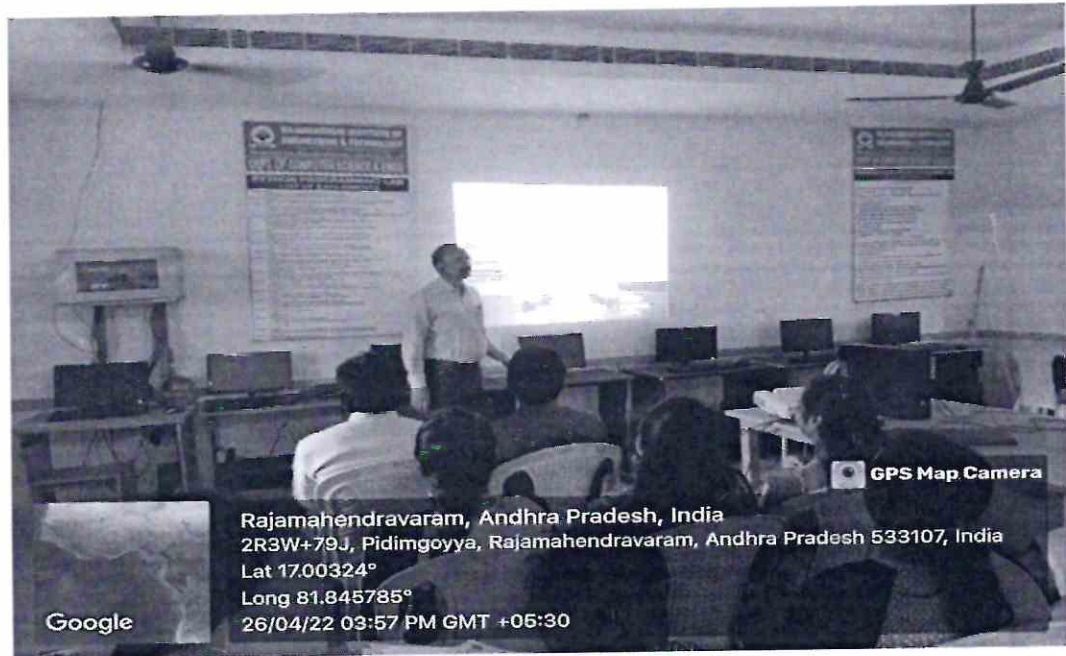
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eMail: office@rietrjy.co.in   Website: www.rietrjy.co.in   Ph: +91 91212 14413

Program Outcomes:

At end of the Administrative Training Program all the participants and Administrative Staff will be able toproper planning when working towards completing the tasks
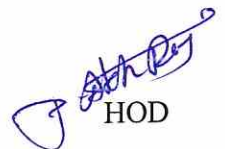
1. Organizational skills organize digital workspace. Keeping all important files labeled saves, a lot of time and allows to be quick when someone asks about a piece of particular information.
2. Communication skills they can solve challenges for them when you listen attentively. Communication skills also help you answer questions of your customers and employees and provide great services.
3. Customer Service they will also be able to solve that problem. Since customer service is an important skill for an administrator, you must develop communication skills and help customers perform tasks they are having trouble with.
4. Creating awareness on Effective time management skills to meet the dead lines.
5. Implementation of Team work among employees through effective leadership.

Increasing digitalization and implementation of new technologies set the stage for newer and more advanced administrative skills. It's no surprise that administrative professionals now are required to perform a variety of different tasks.

Rajamahendravaram, Andhra Pradesh, India
2R3W+79J, Pidimgoyya, Rajamahendravaram, Andhra Pradesh 533107, India
Lat 17.00324°
Long 81.845785°
26/04/22 03:57 PM GMT +05:30

Resource person Mr.D.N.V.Ramana Kumar created awareness on "Administrative Skills for Professional Development" for Administrative Staff.

Coordinator

HOD

Organising Committee

Chief Patron
Shri. A.V.V. Satyanarayana
Chairman, Swarnandhra Educational Society

Patrons
Shri. K. Venkatesh
Vice-chairman, Swarnandhra Educational Society

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Sri. R.R.S.S. Srinivas
Treasurer, Swarnandhra Educational Society

Chairperson
Dr .M. Murali Krishna
Principal, RIET

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and Engineering,
Email id: cse.hod@rietrjy.co.in

Co-ordinator
Mr. Ch. Gopi,
Assistant Professor,
Department of Computer Science and Engineering,
Mobile No: +91 8179300991,
Email id: chinada.gopi@gmail.com

A One Week Faculty Development Program on

"MACHINE LEARNING TO DEEP LEARNING:"
TRENDS AND CHALLENGES

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:

Station:

PRINCIPAL

A One Week Faculty Development Program on

"MACHINE LEARNING TO DEEP LEARNING:"
TRENDS AND CHALLENGES

Schedule:
23-11-2020 to 28-11-2020
Venue: Room No G-01, RIET

**Organized
by
Department of
Computer Science and Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi Affiliated by JNTUK and Accredited by NAAC
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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 12 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its tenth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

This Faculty Development Program or workshop that enlightens the knowledge of all the participants and faculty in the fallowing aspects:

- Create interest, train and shine the learners and students towards machine learning and deep leaning and realize them themselves how importance of the Machine Learning and Deep Learning for present trends.
- improves the chances of getting research ideology in the following domains such as
    - ✓ Machine Learning and
    - ✓ Deep Learning. .

Topics to be Covered

- Importance of Machine Learning, Regression Models.
- Dimensionality Reduction Techniques, Neural Networks and Artificial Neural Networks.
- Unsupervised Learning, Gaussian Mixture Models, Hidden-Markov Models.
- Introduction to Image Processing, Natural Language Processing.
- Deep Learning for NLP, Generative Adversarial Networks.
- Convolutional Neural Networks and Fully Convolutional Networks.

Resource Person

Mr. S. Govinda Rao,
Associate Professor,
Director of GRIET,
Hyderabad,
Mobile No: +91 8712848071,
Email id: govindsampathirao@gmail.com

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

DATE: 30-11-2020

PROGRAM REPORT

Name of the Program	:"Machine Learning to Deep Learning: Trends & Challenges"
Date/Duration	:23-11-2020 to 28-11-2020(Six Days).
Resource Person	:Dr.S.Govind Rao, M.Tech, Ph.D Associate Professor, Dean of Academics, GRIET Hyderabad,
Phone **EMail**	: 8712848071 :govindsampathirao@gmail.com
Name of the Coordinator	:Mr. CH Gopi, Assistant Professor, CSE Dept, RIET.
No of the Participants	:43

Program Objectives:

This Faculty Development Program or workshop that enlightens the knowledge of all the participants and faculty in the fallowing aspects:

- Understanding and improve the subject skills theoretical and practical manner in the fields of Machine Learning and Deep Leaning a per the present trends and technologies.
- Create interest, train and shine the learners and students towards machine learning and deep leaning and realize them themselves how importance of the Machine Learning and Deep Learning for present trends.
- improves the chances of getting research ideology in the following domains such as
  - ✓ Machine Learning and
  - ✓ Deep Learning.
- The followed Hands-on session on theoretical topics that imparts knowledge to participants about the tools and applications that may ease our day to day life and real time activities and the problems.

Topics Covered:

- Importance of Machine Learning, Regression Models.
- Dimensionality Reduction Techniques, Neural Networks and Artificial Neural Networks.
- Unsupervised Learning, Gaussian Mixture Models, Hidden-Markov Models.
- Introduction to Image Processing, Natural Language Processing.
- Deep Learning for NLP, Generative Adversarial Networks.
- Convolutional Neural Networks and Fully Convolutional Networks.

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Program Outcomes:

At end of the Faculty Development Program all the participants and Faculty will be able to

- Train and shine the learners and students in Machine Learning and Deep Learning as well as make path for their career growth by guiding them.
- Applying the tools and applications of knowledge regarding Machine Learning and Deep Learning in our day to day life to solve the problems by theoretical and analytical way.
- Developing a smart system incorporating the thrust areas and uses the learned applications that may ease our day to day and real-life activities.
- Make the machines and smart computing devices to adapting new trends of accessing, processing and retrieving the data and analyze it as per the requirements.
- Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.

GPS Map Camera

Rajamahendravaram, Andhra Pradesh, India
XQWX+5V6, Petrol Bunk, Rajamahendravaram, Andhra Pradesh 533101, India
Lat 17.034917°
Long 81.80297°
25/11/20 11:05 AM GMT +05:30
Google

Coordinator   HOD

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

Chair person
Dr. M. Murali Krishna,
Principal, RIET

Convener
Mr. R. Srinivas,
Head of the Department,
Department of Electronics & Communication Engineering,
Email id: cinu02@gmail.com

Coordinator
Mr. T. Gangadhara Rao,
Assistant Professor,
Department of Electronics and Communication Engineering,
Mobile No: +91 8465899442,
Email id: tgangadharrao1990@gmail.com

A one Week Faculty Development Program On

"SATELLITE COMMUNICATION"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:

Station:

M.↳
PRINCIPAL

A one Week Faculty Development Program On

"SATELLITE COMMUNICATION"

Schedule:

01-02-2021 to 06-02-2021
Venue: RIET Seminar Hall

Organized
by
**Department Of
Electronics And Communication
Engineering,**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, New Delhi Affiliated by JNTUK and Accredited by NAAC
Bhoopalapatnam, RAJAMAHENDRAVARAM, AP,533107.

About the Institute

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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 enable the student to become familiar with satellites and satellite services.
- Study of satellite orbits and launching.
- Study of earth segment and space segment components
- Study of satellite access by various users
Study of satellite orbits and launching.
- Study of earth segment and space segment components

Topics to be covered
- Role of ITU in Spectrum Management for Terrestrial & Satellite Services
- Satellite communication System Overview
- Satellite Launch & Rocket Recovery
- High Altitude Aeronautical Platforms
- Mobile Satellite Systems
- Optimizing Satellite System

Resource Person
Dr. G. RamaKrishna,
Professor,
Head of the Department,
Department of Electronics &
Communication Engineering,
Aditya College of Engineering (MH).
Mobile No: +91 9701293003,
Email id: hodece@acoe.edu.in

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

Date: 9-02-2021

PROGRAM REPORT

Name of the Program : A One-Week Faculty Development Program on "Satellite communication"
Date/Duration : 01-02-2021 **to** 06-02-2021(One Week).
Timings :09:30 AM to 04:00 PM

Resource Person Details:
- **Name** : Dr. G.RamaKrishna
- **Designation** : Professor
- **Department** : ECE
- **Organization** : Aditya College of Engineering (MH)
- **Email Id** : hodece@acoe.edu.in
- **Contact Number** : 9701293003

Program Objectives:
- To enable the student to become familiar with satellites and satellite services.
- Study of satellite orbits and launching.
- Study of earth segment and space segment components
- Study of satellite access by various users Study of satellite orbits and launching.
- Study of earth segment and space segment components
- Study of satellite access by various users

Topics Covered:
- Role of ITU in Spectrum Management for Terrestrial & Satellite Services
- Satellite communication System Overview
- Satellite Launch & Rocket Recovery
- High Altitude Aeronautical Platforms
- Mobile Satellite Systems
- Optimizing Satellite System

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

Program Outcomes:

- Define orbital mechanics and launch methodologies
- Describe satellite subsystems
- Design link power budget for satellites
- Compare competitive satellite services
- Explain satellite access techniques
- DTH and compression standards

COORDINATOR   HOD

Organizing Committee

Chief Patron
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Chairman, Swarnandhra Educational Society

Patrons
Shri. K. Venkatesh,
Vice-chairman, Swarnandhra Educational Society

Sri. G. Sai Radha Krishna,
Secretory & Correspondent, Swarnandhra Educational Society

Co-Patrons
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Vice-Chairman, Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Mr. P. Durga Srinivas,
Head of the Department,
Department of Electrical And Electronics Engineering,
Email id:durgasrinivasperur@gmail.com.

Co-ordinator
Mr. Ch. Suresh Kumar,
Assistant Professor,
Department of Electrical and Electronics Engineering,
Mobile No: +91 9000595867 ,
Email id:suresh11202@gmail.com

A one Week Faculty Development Program on

"Humanities and Ethics in Technology Innovation"

REGISTRATION FORM

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID :

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

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

A One Week Faculty Development Program on
"Humanities and Ethics in Technology Innovation"

Schedule:
23-03-2021 to 27- 03-2021

Venue: RIET,Seminar Hall.

Organized
by
Department Of Electrical And Electronics Engineering

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 12 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its tenth 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.
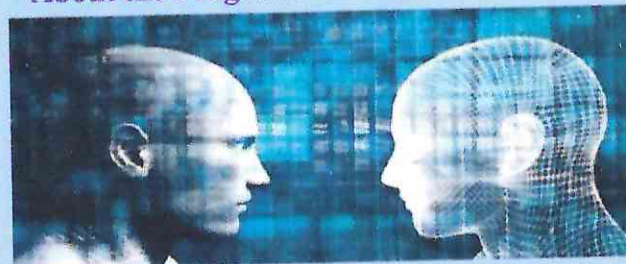

About the Department

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. Four batches 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 this aspect and strengthen the department further.

About the Program

The objective of the six-day Faculty Development Program on "Humanities and Ethics in Technology Innovation" was to equip faculty members with a deep understanding of the ethical and humanitin based.considerations in technology development and innovation. The program aimed to foster a culture of responsible innovation and ethical decision-making intechnology-related fields.

Topics to be Covered

- Introduction to Humanities and Ethics inTechnology Innovation
- History and Philosophy of Technology
- Social Impacts of Technology
- Multidisciplinary Approach to Ethical ProblemSolving
- Legal and Regulatory Aspects of Technology,Integration and FutureConsiderations.

Resource Person

Dr. V. V. Ramachandram,
Professor,
Department of HBS ,
Dadi Institute of Engineering and Technology
Mobile No: +91 9542295094 ,
Email id: vvsrch@gmail.com.

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BHOOPALAPATNAM, RAJAHMUNDRY -533 107, E.G. Dist.
E: office&rietriy.co.in Website: www.rietriy.co.in Ph.No: +91 9121214413

DATE: 30-03-2020

PROGRAM REPORT

Name of the Program	: "Humanities and Ethics in Technology Innovation"
Date/Duration	: 23-03-2021 to 27-03-2021 (one week)

Resource Person	: Dr. V V Ramachandram
Designation	: Professor
Institute	: Dadi Institute of Engineering and Technology
Email Id	: vvsrch@gmail.com
Contact Number	: 9542295094

Name of the Coordinator	: CH. Suresh Kumar, Assistant Professor, EEE Dept.
No of Participants	: 55

Program Objectives:

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

The objective of the six-day Faculty Development Program on "Humanities and Ethics in Technology Innovation" was to equip faculty members with a deep understanding of the ethical and humanities-based considerations in technology development and innovation. The program aimed to foster a culture of responsible innovation and ethical decision-making in technology-related fields.

Topics Covered:

- Introduction to Humanities and Ethics in Technology Innovation
- History and Philosophy of Technology
- Social Impacts of Technology
- Multidisciplinary Approach to Ethical Problem Solving
- Legal and Regulatory Aspects of Technology
- Integration and Future Considerations

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E: office&rietrjy.co.in Website: www.rietrjy.co.in Ph.No: +91 9121214413

Program Outcomes:

- Enhanced awareness and understanding of the ethical dimensions of technology among participating faculty members.
- Exposure to the historical and philosophical underpinnings of technology, enabling a more holistic approach to teaching and research.
- Insight into the societal, economic, and environmental impacts of technology, leading to a commitment to responsible innovation.
- Promotion of interdisciplinary collaboration in addressing ethical dilemmas related to technology.
- Familiarity with legal and regulatory frameworks surrounding technology, promoting compliance and ethical conduct.
- Participants developed strategies to integrate humanities and ethics into their technology courses, thus enriching the education of future technologists.

The program concluded with faculty members better prepared to instill ethical consciousness and responsible innovation in their students, fostering a technology community that not only excels in technical skills but also upholds high ethical standards.

Rajamahendravaram, Andhra Pradesh, India
2R3W+79J, Pidimgoyya, Rajamahendravaram, Andhra Pradesh 533107, India
Lat 17.003233°
Long 81.845821°
26/03/21 11:36 AM GMT +05:30

Resource person: **Dr. V V Ramachandram** created awareness on **"Humanities and Ethics in Technology Innovation"** for faculty members

Coordinator

HOD

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,
Secretory & 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

Chair person
Dr. M. Murali Krishna,
Principal, RIET.

Convener
Mr.R.Srinivas,
Head of the Department
Department of Electronics and Communication
Engineering,
Email id : cinu02@gmail.com

Co-ordinator
Mrs. D. Jyothi,
Assistant Professor,
Department of Electronics and Communication
Engineering,
Mobile No: +91 8019225684 ,
Email id: jyothi.murali2719@gmail.com

A One Week Administrative
Training Program on
"Microsoft Excel Spread Sheet"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

PRINCIPAL

PRINCIPAL
RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM

A One Week Administrative
Training Program on
"Microsoft Excel Spread Sheet"

Schedule:
05-04-2021 to 10-04-2021
Venue: RIET Seminar Hall.

Organized
by
Department Of Electronics and
Communication Engineering

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INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, New Delhi Affiliated
by JNTUK and Accredited by NAAC
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AP, 533107.
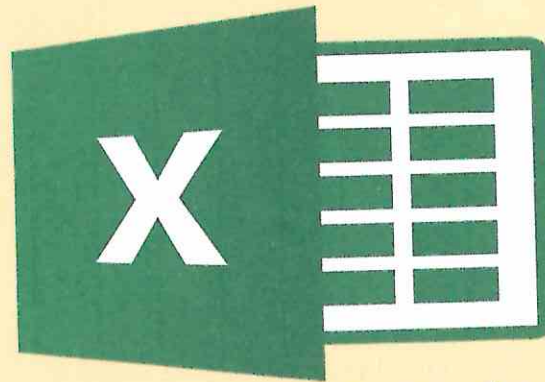
About the Institute

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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 Faculty Development Program aims to provide experienced Excel users with proficient skills in developing more complex formulas, list analysis using a variety of tools and creating simple

macros as well as features and tips to assist efficiency.

- Create and format tables, to visually group and analyses data.
- Create formulas and use built-in functions to perform calculations and solve problems.
- Create Pivot Tables and to calculate, summaries, and analyses data for comparisons, patterns, and trends.

Topics to be Covered

- Introduction to Excel Functions (Basic).
- Intermediate Excel skills.
- Keyboard Shortcuts, Quick Analysis Tool.
- Drop Down Lists , Text to Column.
- Conditional Formatting , Excel table.
- Pivot table, Advanced Excel charts.

Resource Person

Mr. P.S.S.K. Sarma,

Associate Professor,

Department of Computer Science and Engineering,

Organization : Rajamahendri Institute of Engineering and Technology,

Mobile No:+91 94914 24256 ,

Email id: prakyassk@gmail.com.

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

DATE: 13-04-2021

PROGRAM REPORT

NameoftheProgram :"A One-Week Faculty Development Program on Microsoft Excel Spreadsheet"
Date/Duration :05-04-2021to 10-04-2021(One Week).
Timings :09:30AMto04:00PM

ResourcePerson Details:

- **Name** : P..S.S.K.Sarma
- **Designation** : Associate Professor
- **Department** : Computer science and Engineering
- **Organization** : Rajamahendri Institute of Engineering and Technology
- **Email Id** : prakyassk@gmail.com
- **Contact Number** :+91 94914 24256

ProgramObjectives:

This Faculty Development Program aims to provide experienced Excel users with proficient skills in developing more complex formulas, list analysis using a variety of tools and creating simple macros as well as features and tips to assist efficiency.

- Create and format tables, to visually group and analyses data.
- Create formulas and use built-in functions to perform calculations and solve problems.
- Create PivotTables and to calculate, summaries, and analyses data for comparisons, patterns, and trends.

TopicsCovered:

- Introduction to Excel Functions (Basic).
- Intermediate Excel skills.
- Keyboard Shortcuts, Quick Analysis Tool.
- Drop Down Lists , Text to Column.
- Conditional Formatting , Excel table.
- Pivot table, Advanced Excel charts.

ProgramOutcomes:

AtendoftheFaculty Development Programall the participants will be able to

- The Advanced Excel course shows you how to work with databases in Microsoft Excel using filtering, sorting and subtotals.
- This training course introduces participants to PivotTables, Macros and Hyperlinks and teaches logical, lookup, reference, and statistical functions.
- If you are experienced in designing and modifying spreadsheets, can write formulas and have worked with IF and VLOOKUP functions, this advanced Excel course is for you
- Use advanced functions and productivity tools to assist in developing worksheets
- Manipulate data lists using Outline, Auto filter and PivotTables
- Use Consolidation to summarize and report results from multiple worksheets
- Record repetitive tasks by creating Macros
- Use Hyperlinks to move around worksheets.

Rajamahendravaram, Andhra Pradesh, India
2R2W+V5V, Rajamahendravaram, Andhra Pradesh 533296, India
Lat 17.002284°
Long 81.84528°
07/04/21 11:16 AM GMT +05:30

COORDINATOR

HOD

Organizing Committee

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Shri.A.V.V.Satyanarayana,
Chairman,SwarnandhraEducational Society

Patrons
Shri.K.Venkatesh,
Vice-chairman,SwarnandhraEducational Society

Sri.G.SaiRadha Krishna,
Secretory&Correspondent,Swarnandhra Educational Society

Co-Patrons
Sri.T.V.L. Narasimha Rao,
Vice-Chairman,Swarnandhra Educational Society

Sri.R.R.S.S.Srinivas,
Treasurer,Swarnandhra Educational Society

Chairperson
Dr. R. Rambabu,
Principal, RIET.

Convener
Mr. R.Srinivas,
Head of the Department,
Department of Electronics and
Communication Engineering,
Email id:cinu02 @gmail.com

Co-ordinator
Mr.D. V. Harsha Vardhan,
Assistant Professor,
Department of Electronics and
Communication Engineering,
Mobile No:+91 9885071850,
Email id: dasarivijay2003@gmail.com

A One Week Faculty Development Program on "Drone Technology"

REGISTRATIONFORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks(if any):

Date:
Station:

PRINCIPAL

A One Week Faculty Development Program on "Drone Technology"

Schedule:
21-10-2019 to 26-10-2019
Venue:RIET LH-203,RIET(Second Floor)

Organized
by
Department Of Electronics and
Communication Engineering

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY
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AP, 533107.

About the Institute

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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

The objective of the Faculty Development Program on "Drone Technology" was to equip faculty members with in-depth knowledge on Drone Technology and overcome. Their quickly re-establishes traditional agrarian practices and is subsequently accomplishing. Irrigation Monitoring

-Drones, including hyper spectral, thermal, or multi spectral sensors, recognize areas that are too dry or need improvement by the farmer. Drone survey helps improve water efficiency and disclose potential pooling/leaks in irrigation by providing Irrigation monitoring yields calculations of the vegetation index to help realize the health of crops and emitted heat energy.

Topics to be Covered

- Introduction to Drone System
- Introduction to Drone sensor and the Interfacing Hazard Identification
- Computer Vision and Deep Learning for Drone
- Accident investigation techniques: Fault Tree Analysis 'FTA'
- Elements of emergency planning
- Policy and Planning for emergency preparedness and response
- Techniques for improving safety culture

Resource Person

Dr. D. Sanjay,
Professor,
Department of Electronics &
Communication Engineering,
Aditya College of Engineering,
Mobile No: +91 9765436369,
Email Id : sanjay.dr63@acoe.edu.in

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

Date: 29-10-2019

PROGRAM REPORT

Name of the Program : A One-Week Faculty Development Program on "Drone Technology"

Date/Duration : 21-10-2019 **to** 26-10-2019 (One Week).

Timings : 09:30AM to 04:00PM

Resource Person Details:

- **Name** : Dr.D.Sanjay
- **Designation** : Professor
- **Department** : ECE
- **Organization** : Aditya Engineering College
- **Email Id** : sanjay.dr63@acoe.edu.in
- **Contact Number** :9765436369

Program Objectives:

The objective of the Faculty Development Program on "Drone Technology" was to equip faculty members with in-depth knowledge on Drone Technology and overcome their quickly reestablishes traditional agrarian practices and is subsequently accomplishing. Irrigation Monitoring -Drones, including hyper spectral, thermal, or multispectral sensors, recognize areas that are too dry or need improvement by the farmer

Topics Covered:

- Introduction to Drone System
- Introduction to Drone sensor and the Interfacing Hazard Identification
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- Accident investigation techniques I: Fault Tree Analysis 'FTA'
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Program Outcomes:

At the end of the day Faculty able to

- Understand the agricultural drone technology is undoubtedly the future of the Indian agrarian community. It can transform traditional farming methods in uncountable ways.

- Even though this technology is more complex to be familiar with, it will yield its results in no time once learned.

- Farmers must understand the entire process. Determination of goals, creating equilibrium in the drone and software utilized, and being familiar with the principles of using such technology will stand as a challenge.

- The farmers will inevitably need comprehensive training or partnerships with third-party experts in the drone industry for the acquisition of reliable data. Drones have changed the course of obtaining data in almost every type of industry, and will only deem to become bigger and better in the coming years.

Coordinator

HOD

Organising 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
Secretory & Correspondent, Swarnandhra Educational Society

Co-Patrons
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Vice-Chairman, Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas
Treasurer, Swarnandhra Educational Society

Chairperson
Dr. R. Rambabu,
Principal, RIET.

Convener
Dr. R. Rambabu,
Head of the Department,
Department of Computer Science and Engineering,
Email id: cse.hod@rietriy.co.in

Co-ordinator
Mrs. G. Swarna Latha,
Associative Professor,
Department of Computer Science Engineering,
Mobile No: +91 9440894420
Email id: dasariswarnaprasad@gmail.com

A One Week Faculty Development Program on
"Emerging Advancement in IOT and Machine Learning Technologies"

REGISTRATION FORM

1. Name of the Participant:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of faculty:

9. Remarks (if any) :

Date:
Station:

PRINCIPAL

A One Week Faculty Development Program on

"Emerging Advancement in IOT and Machine Learning Technologies"

Schedule:
21-10-2019 to 26-10-2019

Venue:Room No G-01,RIET

**Organized
by
Department Of Computer Science And Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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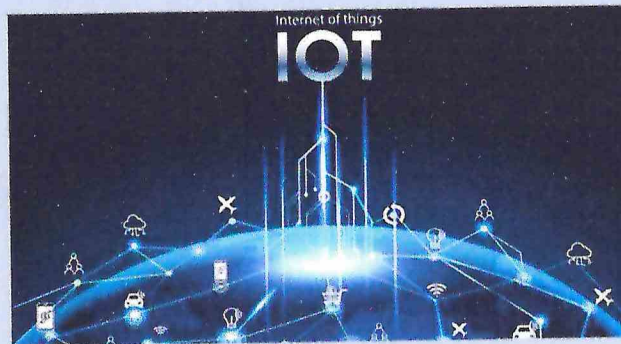AP, 533107.**

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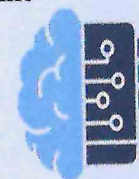
About the department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- To understanding the in-depth about the concepts of IoT and Machine Learning and Full stack development in theoretical and analytical way as well as their applications, tools and its' uses in today's world
- To understanding about growing of present technologies based on IOT and Machine Learning and create interest towards these technologies, make and build the plenty of students and learners career in these domains.
- Chances of getting research ideology in these IOT and Machine Learning domains.

Topics to be Covered

- Implementation of ML Models in Python on Google Collab.
- Various aspects of Internet of Things.
- Open source: Foundation of everything.
- Waterfall methodology vs Agile methodology.
- Latest trends in Machine learning.
- SDN and NFV introduction3.

Resource Person

Dr. P. Vara Prasad,
Professor,
Department of Computer Science Engineering
GRIET, Bachupally, Hyd,
Mobile No: +91 9032579779,
+91 8317666978,
Email id: prasad.p@griet.ac.in

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

DATE: 28-10-2019

PROGRAM REPORT

Name of the Program	:" Emerging Advancement in IOT and Machine Learning Technologies"
Date/Duration	: 21-10-2019 to 26-10-2019 (Six Days).
Resource Person	: Dr. P Vara Prasad, M.Tech, Ph.D. Professor, CSE Dept, GRIET, Bochupally Hyderabad.
Phone	: 9032579779, 8317666978
Email	: Prasad.p@griet.ac.in
Name of the Coordinator	: Mrs. G Swarna Latha, Assistant Professor, CSE Dept, RIET.
No of the Participants	: 32

Program Objectives:

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- To understanding the in-depth about the concepts of IoT and Machine Learning and Full stack development in theoretical and analytical way as well as their applications, tools and its' uses in today's world
- To understanding about growing of present technologies based on IoT and Machine Learning and create interest towards these technologies, make and build the plenty of students and learners career in these domains.
- Chances of getting research ideology in these IoT and Machine Learning domains.
- The followed Hands-on session on theoretical topics that imparts knowledge to participants about the applications and tools in practical approach that may ease our day to day and real life activities and the problems.

Topics Covered:

- Implementation of ML Models in Python on Google Collab.
- Various aspects of Internet of Things.
- Open source: Foundation of everything.
- Waterfall methodology vs Agile methodology.
- Latest trends in Machine learning.
- SDN and NFV introduction3.

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

Program Outcomes:

- At end of the Faculty Development Program all the participants and Faculty will be able to
- Enlighten their knowledge regarding IoT and Machine Learning and Full Stack Development.
- Creating interest, guiding, designing and molding the career paths of students and learners towards these technologies
- Ease to face the day to day life activities and problems using these technologies related various applications and tools in theoretical and analytical way.
- Developing a smart system incorporating the thrust areas and uses the learned applications that may ease our day to day and real-life activities.
- Adapting new trends and technologies to accessing, processing and retrieving the data and analyze it and train the smart computing machine according to produce the requires results.
- Partitioning and doing research from academia and industrial organizations to gain insights into the developments along with the already existing research challenges in the above domains, as well as a practical exposure that related to effective smart systems, tools, and related applications.

Rajamahendravaram, Andhra Pradesh, India
XQWX+5V6, Petrol Bunk, Rajamahendravaram, Andhra Pradesh 533101, India
Lat 17.034917°
Long 81.80297°
23/10/19 11:05 AM GMT +05:30

Coordinator   HOD

Organizing Committee

Chief Patron
Shri. A.V.V. Satyanarayana,
Chairman, Swarnandhra Educational Society

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Shri. K. Venkatesh,
Vice-chairman, Swarnandhra Educational Society

Sri. G. Sai Radha Krishna,
Secretory & Correspondent, Swarnandhra Educational Society

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Vice-Chairman, Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET.

Convener
Dr. D. Naga Purnima,
Head of the Department,
Department of Sciences and Humanities,
Email id: sh.hod@riet.rjv.co.in

Co-ordinator
Mr. P. Satish Kumar,
Assistant Professor,
Department of Science and Humanities,
Mobile No: +91 9949493825,
Email id: satishkumar.english@.com

A One Week Faculty Development Program on
"Soft Skills Development for Academic Success"

REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:

8. Signature of Faculty:
9. Remarks (if any):

Date:
Station:

PRINCIPAL

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

A One Week Faculty Development Program on
"Soft Skills Development for Academic Success"

Schedule:
19-08-2019 to 24-08-2019

Venue: RIET Seminar Hall.

Organized
by
Department Of Sciences and Humanities

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

AP, 533107.

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector.

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

About the Department

The Department of Sciences and Humanities was established in the year 2008 with an intake of 264 students. The main objective of the department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects and it is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills, to compete for global opportunities. In view of the rapid development of knowledge and the technological changes, the department seeks to strengthen itself by integrating it with the engineering departments for a productive knowledge base. The department has been encouraging to conduct of workshops and seminars to enable the faculty to keep abreast of the knowledge and methodologies in the respective fields of research. The department can also help engineers understand the broad social and cultural impacts of applying knowledge to address challenges and opportunities in the workplace and in their communities.

About the Program

The objective of the "Soft Skills Development for Academic Success" FDP was to enhance the soft skills of engineering faculty members, empowering them with the tools necessary for effective communication, leadership, time management, and interpersonal skills. The program aimed to equip faculty members with the skills needed to become better educators and mentors to their students.

Topic to be covered

- Effective Communication Skills
- Interpersonal Skills and Conflict Resolution
- Time Management and Stress Management
- Leadership and Decision-Making Skills
- Problem-Solving Skills
- Presentation and Public Speaking Skills

Resource Person

Mr. S. N. A. A. Mashahaddi,
Designation : Assistant professor
(Soft skills Triner),
Department : HBS,
Organization : B V C Engineering College(A),
Email Id : sanamashahaddi.bvce@bvcgroup.in
Contact Number: 9618147008.

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

Date : 27.08.2019

PROGRAM REPORT

Name of the Program : A one Week Faculty Development Program on "**Soft Skills Development for Academic Success**".

Date/Duration : 19.08.2019 to 24.08.2019 (One week)

Timings : **9:30 AM to 4:00 PM**

Resource Person Details

    Name : S N A A Mashahaddi

    Designation : Assistant professor (Soft skills Triner)

    Department : HBS

    Organization : B V C Engineering College(A)

    Email Id : sanamashahaddi.bvce@bvcgroup.in

    Contact Number: 9618147008

Name of the Coordinator: Mr. P Satish Kumar, Assistant Professor, S&H Dept

Number of Participants : 62

Program Objective: The objective of the "Soft Skills Development for Academic Success" FDP was to enhance the soft skills of engineering faculty members, empowering them with the tools necessary for effective communication, leadership, time management, and interpersonal skills. The program aimed to equip faculty members with the skills needed to become better educators and mentors to their students.

Topics Covered:

- Effective Communication Skills
- Interpersonal Skills and Conflict Resolution
- Time Management and Stress Management
- Leadership and Decision-Making Skills
- Problem-Solving Skills
- Presentation and Public Speaking Skills

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Outcome of the Program:

- Enhanced Soft Skills: Faculty members improved their soft skills, enabling them to communicate more effectively, build better relationships, and manage their time and stress efficiently.

- Increased Confidence: Participants gained confidence in their ability to lead, make decisions, and present their ideas effectively.

- Better Teaching and Mentorship: Faculty members reported that the skills learned during the program positively impacted their teaching methods and mentorship abilities.

- Action Plans: Participants developed action plans to implement what they learned in their day-to-day activities, benefiting both their careers and the students they interact with.

- Collaboration: The program facilitated collaboration among faculty members from various engineering departments, strengthening the overall faculty community.

The "Soft Skills Development for Engineering Faculty" FDP was instrumental in equipping engineering faculty with essential soft skills, empowering them to excel in their roles and contribute positively to the development of their students and the institution.

Resource person: **Mr. S N A A Mashahaddi** created awareness on **"Soft Skills Development for Academic Success"** for faculty members

Coordinator

HOD

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,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET.

Convener
Dr. D. Naga Purnima,
Head of the Department,
Department of Sciences and Humanities ,
Email id: sh.hod@riet.rjv.co.in

Co-ordinator
Mr. P. Satish Kumar,
Assistant Professor,
Department of Sciences and Humanities ,
Mobile No: +91 9949493825,
Email id: satishkumar.english@.com

A One Week Administrative Training Program on

"Working Proficiency of Non-Teaching Staff and Office"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

Ch

PRINCIPAL
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RAJAMAHENDRI
INSTITUTE OF ENGINEERING TECHNOLOGY
BHOOPALAPATNAM.
RAJAMAHENDRAVARAM

A One Week Administrative Training Program on

"Working Proficiency of Non-Teaching Staff and Office"

Schedule:
03-09-2019 to 07-09-2019
Venue: *RIET Seminar Hall.*

Organized
by
Department Of Sciences and Humanities

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

AP, 533107.

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 11 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its ninth year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

About the Department

The Department of Sciences and Humanities was established in the year 2008 with an intake of 264 students. The main objective of the department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects and it is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills, to compete for global opportunities. In view of the rapid development of knowledge and the technological changes, the department seeks to strengthen itself by integrating it with the engineering departments for a productive knowledge base. The department has been encouraging to conduct of workshops and seminars to enable the faculty to keep abreast of the knowledge and methodologies in the respective fields of research. The department can also help engineers understand the broad social and cultural impacts of applying knowledge to address challenges and opportunities in the workplace and in their communities.

About the Program

ALL STAFFS

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects. The overall enhancement of students would be completed only when the facilitators in academic, practical, and administration all contribute to the improvement of the student and make them more successful. Therefore, not just in teaching, non-teaching staff also has an important role to play. It has been observed that only teaching staff or the faculty get some training for their development but there is hardly any training program for the non teaching staff, Administrative Staff, and Lab Technicians resulting in an imbalance in the student's growth, so it is recommended that for the best outcome the Institution should ensure the training for both teaching and non teaching staff.

Topics to be Covered

1. Administrative Process and Procedures
2. Financial Rules and Procedures
3. Establishment Rules and Procedures
4. Lab Safety and Lab Procedures
5. Library Management

Resource Person

Dr. D. N. Purnima,

Designation : Assistant Proffesor

Department : S&H

Organization : RIET College

Email Id : purnimaduvvuri@yahoo.com

Contact Number : +91 8790723721

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

Date : 11.09.2019

PROGRAM REPORT

Name of the Program : A one Week Administrative Training Program on "**Working Proficiency of Non-Teaching Staff and Office**"

Date/Duration   : 03.09.2019 to 07.09.2019 (One week)

Timings   : **03:30 PM to 4:30 PM**

Resource Person Details

Name	: **Dr. D N Purnima**
Designation	: **Assistant Professor**
Department	: **S&H**
Organization	: **RIET College**
Email Id	: **purnimaduvvuri@yahoo.com**
Contact Number	: **8790723721**

Name of the Coordinator: Mr. P Satish kumar, Assistant Professor, S&H Dept.

Number of Participants   : 13

Program Objective:

This Administrative Training Program or workshop that enlightens the knowledge of all the participants in the following aspects. The overall enhancement of students would be completed only when the facilitators in academic, practical, and administration all contribute to the improvement of the student and make them more successful. Therefore, not just in teaching, non-teaching staff also has an important role to play. It has been observed that only teaching staff or the faculty get some training for their development but there is hardly any training program for the nonteaching staff, Administrative Staff, and Lab Technicians resulting in an imbalance in the student's growth, so it is recommended that for the best outcome the Institution should ensure the training for both teaching and nonteaching staff.

Topics Covered:

1. Administrative Process and Procedures
2. Financial Rules and Procedures
3. Establishment Rules and Procedures
4. Lab Safety and Lab Procedures
5. Library Management

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Outcome of the Program:

At end of the Administrative Training Program all the participants and Staff will be able to proper planning when working towards completing the tasks

- Non-Teaching Staff desires to have a good reputation as an effective contributor to the Mission/Vision and Objectives of the university/college early on in their careers.

- Professional development activities should be given to both academic, administrative, and Non-Teaching Staff as it should be an ongoing process.

- The Non-Teaching Staffs regardless of the number of years of working in the university/college is focused more on establishing the foundation for their career as manifested by their need for professional development characterized by their need to be trained on Developing and Achieving Personal Goals, Career Planning and Goal Setting, Understanding Nonverbal Communication, and Preventing Job Burnout.

- Non-Teaching Staff Training Program on Augmentation in Perfection of Working Proficiency of Non-Teaching Staff and Officers will help the Non-Teaching Staff to boost their Perfection and improve their Proficiency at Workplace.

Resource person **Dr. D N Purnima** created awareness on **"Working Proficiency of Non-Teaching Staff and Office"** for staff members

Coordinator

HOD

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,
Secretory & Correspondent, Swarnandhra
Educational Society

Co-Patrons
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Vice-Chairman, Swarnandhra Educational
Society

Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET.

Convener
Mr. D. B. Chowdary,
Head of the Department,
Department of Electrical And Electronics
Engineering,
Email id : chowdaudb998@gmail.com.

Co-ordinator
Mr. P. Durga Srinivas,
Head of the Department,
Department of Electrical And Electronics
Engineering,
Mobile Number:+91 9502270946,
Email id:durgasrinivasperur@gmail.com.

A one Week Faculty Development
Program on

"ADVANCEMENTS IN RENEWABLE ENERGYTECHNOLOGIES"

REGISTRATION FORM

REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID :
7. Address for Communication:

8. Signature of Faculty:
9. Remarks (if any):

Date:
Station:

PRINCIPAL

A One Week Faculty Development
Program on

"ADVANCEMENTS IN RENEWABLE ENERGYTECHNOLOGIES"

Schedule:

20-08-2018 to 25-08-2018

Venue: RIET,Seminar Hall.

**Organized
by
Department Of Electrical And Electronics
Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

AP, 533107.

About the Institute

Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 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. Four batches 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 this aspect and strengthen the department further.

About the Program

The objective of the Faculty Development Program on"Advancements in Renewable Energy Technologies" was to equip faculty members with in-depth knowledgeof various renewable energy sources, their recentadvancements, and their integration into the energylandscape. The program aimed to foster interdisciplinarydiscussions and collaboration among faculty members.

Topics to be Covered

The program covered a wide range of topics, including:

- Solar, wind, hydro power, biomass, andgeothermal energy technologies.
- Energy storage solutions and grid integration.
- Government policies, funding opportunities,and incentives.
- Future trends and innovations in renewableenergy.

Resource Person

Dr. G. SATYANARAYANA,
HOD, Professor,

Department of Electrical andElectronics

Engineering,

Organisation: GIET COLLEGE OFENGINEERING RJY,

E.G.Dt, AP.

Mobile Number:+91 9666444974,
Email Id: gsnarayana67@gmail.com.

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

Date : 27.08.2018

PROGRAM REPORT

Name of the Program : A one Week Faculty Development Program on **"Advancements in Renewable Energy Technologies"**

Date/Duration: 20.08.2018 to 25.08.2018(One week)

Timings: 9:30 AM to 4:00 PM

Resource Person Details:

Name　　　　: **Dr. G. SATYANARAYANA**
Designation　: **HOD and Professor**
Department　: **EEE**
Organization : **GIET COLLEGE OF ENGINEERING RJY, E.G.Dt, AP**
Email Id　　　: gsnarayana67@gmail.com
Contact Number: 9666444974

Name of the Coordinator: Mr. P. D Srinivas, Assistant Professor, EEE Dept.

Number of Participants　 : 70

Program Objective: The objective of the Faculty Development Program on "Advancements in Renewable Energy Technologies" was to equip faculty members with in-depth knowledge of various renewable energy sources, their recent advancements, and their integration into the energy landscape. The program aimed to foster interdisciplinary discussions and collaboration among faculty members.

Topics Covered: The program covered a wide range of topics, including:

- Solar, wind, hydropower, biomass, and geothermal energy technologies.
- Energy storage solutions and grid integration.
- Government policies, funding opportunities, and incentives.
- Future trends and innovations in renewable energy.

Outcome of the Program:

- Enhanced Knowledge: Faculty members gained a comprehensive understanding of renewable energy technologies, enabling them to integrate this knowledge into their teaching and research.
- Collaboration: The program facilitated cross-departmental collaboration and networking among faculty members, fostering a culture of interdisciplinary.

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- Practical Insights: Through case studies, workshops, and discussions, participants acquired practical insights into the challenges and opportunities in the field of renewable energy.
- Research Prospects: Faculty members identified potential research areas and projects related to renewable energy, paving the way for future research initiatives.
- Policy Awareness: Participants gained insights into government policies and funding mechanisms, which can assist in securing grants for research projects.

The Faculty Development Program on "Advancements in Renewable Energy Technologies" successfully met its objectives by equipping faculty members with the knowledge and tools necessary to incorporate renewable energy concepts into their teaching and research, thereby contributing to the advancement of sustainable energy solutions

Resource person: **Dr. G. SATYANARAYANA** created awareness on **"Advancements in Renewable Energy Technologies"** for faculty members

Coordinator

HOD

Organizing Committee

Chief Patron
Shri. A. V. V. Satyanarayana,
 Chairman, Swarnandhra Educational Society

Patrons
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Vice-chairman, Swarnandhra Educational Society

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Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET

Convener
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Head of the Department,
Department of Computer Science and Engineering ,
Email id: cse.hod@rietrjy.co.in

Co-ordinator
Mrs. P. Josh Marry
Assistant Professor,
Department of Computer Science and Engineering ,
Mobile No: +91 9491191750 ,
Email id: anujosh26@gmail.com

A One Week Faculty Development Program on
"Artificial Intelligence for IOT services in Cloud:"
Techniques & Applications

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:

Station:

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

A One Week Faculty Development Program on
"Artificial Intelligence for IOT services in Cloud:"
Techniques & Applications

Schedule:
24-09-2018 to 29-09-2018
Venue: RIET Seminar Hall.

**Organized
by
Department Of Computer Science And Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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

About the Institute

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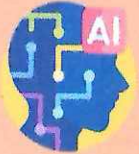
About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- To understanding for today's technologies based on Next Generation Smart Computing Paradigm.
- Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in different domains such as
  - ✓ Artificial Intelligence,
  - ✓ Internet-of-Things,
  - ✓ Cloud Computing and its Services,
  - ✓ Fog/Edge Computing and its Applications,

Topics to be Covered

- Introduction to AI, IOT, Cloud and it's Services Fog/Edge Computing and its Applications
- IOT Architecture and Protocols
- Machine & Deep Learning
- Machine Learning APIs in Cloud
- Smart e-Healthcare
- Smart Agriculture
- Big Data & Analytics
- Cloud and IOT Applications Case Studies

Resource Person

Mr. P. Subba Rao,
Associate Professor,
HOD of CSE,
KIET, Korangi, Kakinada
Mobile No:+91 9885127710 ,
Email id: psr.subbu546@gmail.com

DATE: 01-10-2018

PROGRAM REPORT

Name of the Program :" **Artificial Intelligence for IoT services in Cloud: Techniques & Applications**"

Date/Duration : **24-09-2018 to 29-09-2018** (Six Days).

Resource Person : Dr. P Subbarao,
Associate Professor,
Head of CSE Dept.,
KIET, Korangi, Kakinada
Phone : 9885127710
Email : psr.subbu546@gmail.com

Name of the Coordinator : Mrs. A Josh Marry, Assistant Professor, CSE Dept, RIET.

No of the Participants : 31

Program Objectives:
This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:
- To understanding for todays' technologies based on Next Generation Smart Computing Paradigm.
- Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in different domains such as
  - ✓ Artificial Intelligence,
  - ✓ Internet-of-Things,
  - ✓ Cloud Computing and its Services,
  - ✓ Fog/Edge Computing and its Applications,
  - ✓ Big Data & Analytics and many more.

The followed Hands-on session on theoretical topics that imparts knowledge to participants about the applications that may ease our day to day and real life activities and the problems.

Topics Covered:

- Introduction to AI, IoT, Cloud and it's Services
- Fog/Edge Computing and its Applications
- IoT Architecture and Protocols
- Machine & Deep Learning
- Machine Learning APIs in Cloud
- Smart e-Healthcare
- Smart Agriculture
- Big Data & Analytics
- Cloud and IoT Applications Case Studies

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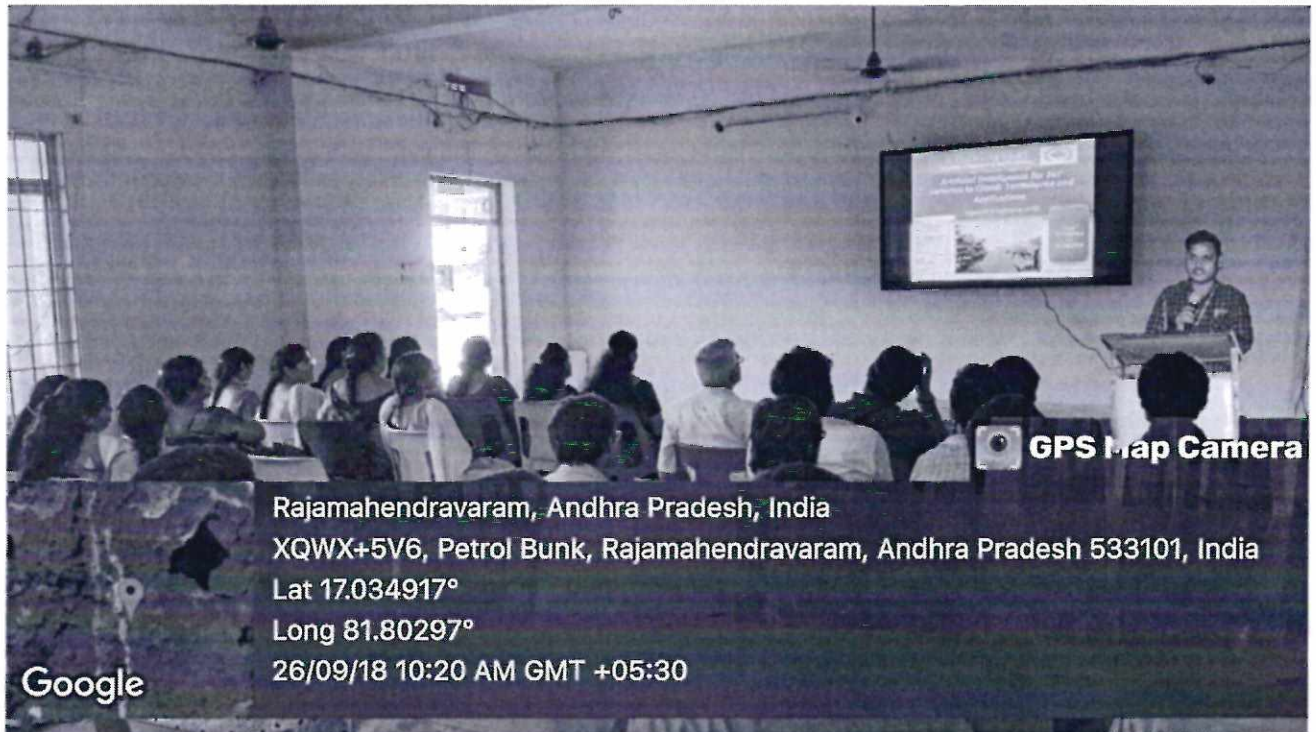eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

Program Outcomes:

AtendoftheFaculty Development Programall the participants will be able to

- Applying the tools and applications of knowledge regarding AI, IoT and cloud in our day to day life to solve the problems by theoretical and analytical way.

- Developing a smart system incorporating the thrust areas and uses the learned applications that may ease our day to day and real-life activities.

- Adapting new trends of accessing and retrieving the data and analyze it from a remote location where they get smart concepts offered.

Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.

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Coordinator

HOD

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Secretory&Correspondent,Swarnandhra Educational Society

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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

Co-ordinator
Mrs. B. Vijaya,
Assistant Professor,
Department of Electronics and
Communication Engineering,
Mobile No:+91 8886529329,
Email id:vijaya29329_@gmail.com

A One Week Faculty Development Program on

"IOT And Sensor Technologies"

REGISTRATIONFORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks(if any):

Date:
Station:

PRINCIPAL

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

A One Week Faculty Development Program on

"IOT And Sensor Technologies"

Schedule:
19-11-2018 to 24-11-2018
Venue:RIET LH-203,RIET(Second Floor)

**Organized
by
Department Of Electronics and
Communication 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. 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

The objective of the "IoT and Sensor Technologies: Integration in Engineering Programs" faculty development program was to equip educators with the knowledge and skills necessary to integrate IoT and sensor technologies effectively into engineering curricula.

Outcome of the Program: At the end of the program, participants gained a deep understanding of IoT and sensor technologies, their applications, and integration into engineering programs. They developed hands-on experience with IoT protocols, data analytics, and security measures. Educators were also equipped with strategies for curriculum development and assessment in IoT-related courses, ensuring they can effectively prepare students for the rapidly evolving field of IoT. The program received positive feedback, and participants expressed confidence in their ability to teach IoT-related topics. This faculty development program successfully empowered educators to enrich engineering programs with IoT and sensor technology integration, enhancing the quality of education and better preparing students for the future.

Topics to be Covered

1.Introduction to IoT and Its Applications
2. Sensor Technologies Overview
3. IoT Architecture and Protocols,IoT Communication Protocols ,Wireless Communication for IoT
4.MQTT and CoAP Protocols
5.Sensor Integration and Data Analytics
6.Sensor Integration Techniques,Data Analytics for IoT

Resource Person

Dr. G. Veerapandu,
Professor,
Aditya College of Engineering,
Surampalem-533 437 Andhra pradesh,
Ph No :+91 9491191574,
Email : veerapandu.dr34@acoe.edu.in

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

Date:25-11-2018

PROGRAM REPORT

Name of the Program	: "A One-Week Faculty Development Program **IOT and SENSOR TECHNOLOGIES**"
Date/Duration	: 19-11-2018 to 24-11-2018 (One Week).
Timings	:09:30AM to 04:00PM

Resource Person Details:
- **Name** : Dr. G.Veerapandu
- **Designation** : Professor
- **Department** : ECE
- **Organization** : Aditya Engineering College
- **Email Id** : veerapandu.dr34@acoe.edu.in
- **Contact Number** : 9491191574

Program Objectives:

The objective of the "IOT and Sensor Technologies: Integration in Engineering Programs" faculty development program was to equip educators with the knowledge and skills necessary to integrate IOT and sensor technologies effectively into engineering curricula.

Topics Covered:
- Introduction to IOT and Its Applications
- Sensor Technologies Overview
- IOT Architecture and Protocols ,IOT Communication Protocols, Wireless Communication for IOT
- MQTT and COAP Protocols
- Sensor Integration and Data Analytics
- Sensor Integration Techniques ,Data Analytics for IOT

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Program Outcomes:

- At the end of the program, participants gained a deep understanding of IOT and sensor technologies, their applications, and integration into engineering programs.

- They developed hands-on experience with IOT protocols, data analytics, and security measures. Educators were also equipped with strategies for curriculum development and assessment in IOT-related courses, ensuring they can effectively prepare students for the rapidly evolving field of IOT.

- The program received positive feedback, and participants expressed confidence in their ability to teach IOT-related topics. This faculty development program successfully empowered educators to enrich engineering programs with IOT and sensor technology integration, enhancing the quality of education and better preparing students for the future.

COORDINATOR

HOD

Organizing Committee

Chief Patron
Shri. A.V.V. Satyanarayana,
Chairman, Swarnandhra Educational Society

Patrons
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Vice-chairman, Swarnandhra Educational Society

Sri. G. Sai Radha Krishna,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET.

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and Engineering ,
Email id: csc.hod@rietrjy.co.in

Co-ordinator
Mr. P.S.S.K. Sarma,
Assistant Professor,
Department of Computer Science and Engineering ,
Mobile No: +91 9491424256 ,
Email id: prakyassk@gmail.com

A One Week Faculty Development
Program on
"Data Science and Analytics"

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

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

A One Week Faculty Development
Program on
"Data Science and Analytics"

Schedule:
11-02-2019 to 16-02-2019
Venue: *RIET Seminar Hall.*

**Organized
by
Department Of Computer Science and
Engineering**

RAJAMAHENDRI
INSTITUTE OF ENGINEERING & TECHNOLOGY

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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

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- Understanding the necessity of Data, Understanding about Machine Learning, Deep Learning and Big Data Analytics as well as their tools, applications and algorithms for Preprocessing and working with Data.
- Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in different domains such as
  - ✓ Data Science,
  - ✓ Machine and Deep Learning,
  - ✓ Big Data & Analytics and many more.
- The followed Hands-on session on theoretical topics that imparts knowledge to participants about the applications and techniques that may ease our day to day and real life activities and problems.

Topics to be Covered

- Introduction to Data Science and it's applications
- Overview of Data Preprocessing and working with Data
- Mathematical foundations for Data Science and it's key challenges
- Data Analytics and Machine Learning, Data Modeling and Statistical analysis to predict events and suggest actions
- Deep Learning and Big Data Analytics
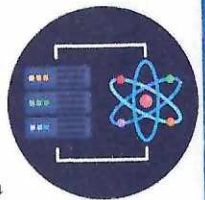
Resource Person

Dr. G.Jose Moses,
Professor,Hod,CSE,
RAGHU Engineering College,
Visakhaptnam,
Mobile No: +91 9701329977,
Email id: josemoses@gmail.com

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DATE: 18-02-2019

PROGRAM REPORT

Name of the Program	:" Data Science and Analytics"
Date/Duration	: 11-02-2019 to 16-02-2019 (Six Days).
Resource Person	: Dr. G Jose Moses,M.Tech, Ph.D. Professo& HOD, CSE Dept, RAGHU Engineering College, Visakhapatnam.
Phone	: 9701329977
Email	: josemoses@gmail.com
Name of the Coordinator	: Mrs. PSSK Sarma, Assistant Professor, CSE Dept, RIET.
No of the Participants	: 43

Program Objectives:

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the fallowing aspects:

- Understanding the necessity of Data, Data Science and it's applications for todays' trends and technologies
- Understanding about Machine Learning, Deep Learning and Big Data Analytics as well as their tools, applications and algorithms for Preprocessing and working with Data.
- Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in different domains such as
  - ✓ Data Science,
  - ✓ Machine and Deep Learning,
  - ✓ Big Data & Analytics and many more.

The followed Hands-on session on theoretical topics that imparts knowledge to participants about the applications and techniques that may ease our day to day and real life activities and problems.

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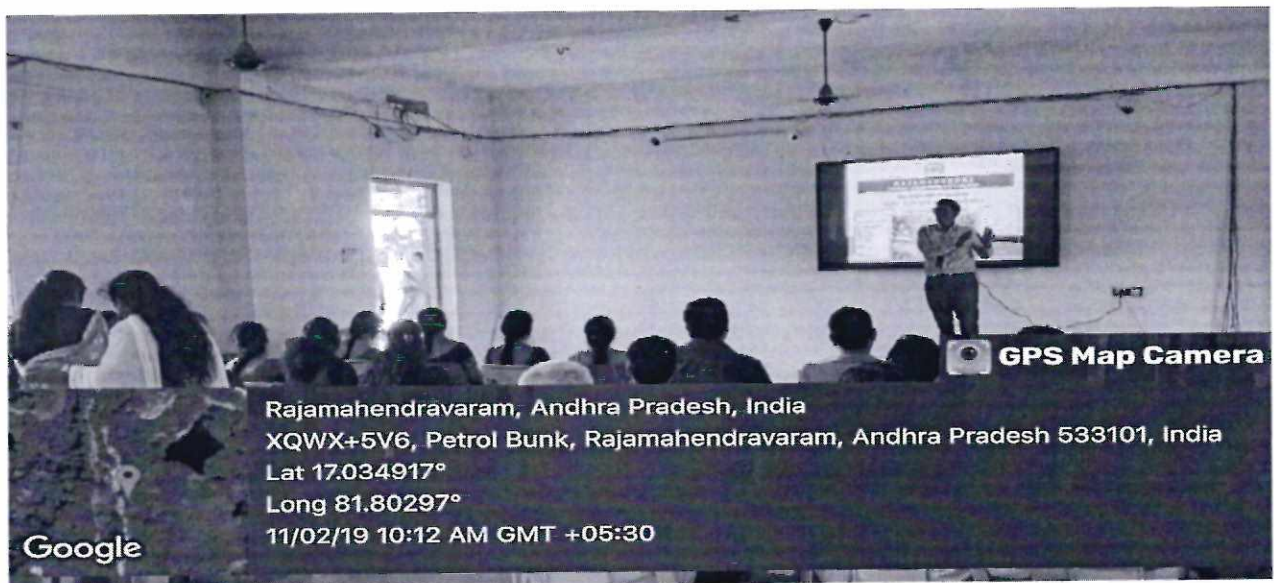eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413

Topics Covered:
- Introductionto Data Science and it's applications
- Overview of Data Preprocessing and working with Data
- Mathematical foundations for Data Science and it's key challenges
- Data Analytics and Machine Learning, Data Modeling and Statistical analysis to predict events and suggest actions
- Deep Learning and Big Data Analytics
- Data Visualizing techniques and Case Studies.

Program Outcomes:
At end of the Faculty Development Program all the participants will be able to
- Understanding the crucial role of the Data, Data Science and it's applications in their day to day life.
- Applying the pertaining knowledge conceptually and analytically to solve the problems.
- Preprocessing, visualizing and working with Data by applying these tools and techniques for predicting the future as well as helps to take effective decisions for better results in different areas like health, Business, Research and education etc
- Adapting new trends of accessing and retrieving the data and analyze it from a remote location where they get smart concepts offered.
- Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.

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Coordinator   HOD

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Chairman, Swarnandhra Educational Society

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Sri. G. Sai Radha Krishna,
Secretory & Correspondent, Swarnandhra Educational Society

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Sri. T.V.L. Narasimha Rao,
Vice-Chairman, Swarnandhra Educational Society

Sri. R.R.S.S. Srinivas,
Treasurer, Swarnandhra Educational Society

Chair person
Dr. V. Lakshmi Narayana,
Principal, RIET.

Convener
Dr. R. Rambabu
Head of the Department,
Department of Computer Science and
Engineering,
Email id: cse.hod@rietrjy.co.in

Co-ordinator
Mr. Ch. Gopi,
Assistant Professor,
Department of Computer Science and
Engineering,
Mobile No: +91 8179300991,
Email id: chinada.gopi@gmail.com

A One Week Administrative Training
Program on

"How to assemble the computer and it's maintenance"

REGISTRATION FORM

REGISTRATION FORM

1. Name of the Faculty:

2. Designation:

3. Department:

4. College:

5. Phone Number:

6. Email ID:

7. Address for Communication:

8. Signature of Faculty:

9. Remarks (if any):

Date:
Station:

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A One Week Administrative Training
Program on
"How to assemble the computer and it's maintenance"

Schedule:
22-10-2018 to 27-10-2018
Venue: Room No G-01, RIET

Organized
by
Department Of Computer Science and Engineering

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About the Institute

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About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

About the Program

This Faculty Development Program that enlightens the knowledge of all the participants and faculty in the fallowing aspects:

- Understanding and improving the knowledge regarding computer and its components.
- It will help all the participants to know dissemble and assemble of Computer.
- Acquiring skills to resolve hardware errors and fixing them through Hardware Trouble-shooting.
- Getting idea about installation of Operating System and the required drivers.
- Learning some basic concepts related to software, Network and Security to maintaining the Computer.

Topics to be Covered

- Introduction to Computer and its components
- Dissemble and assemble of Computer
- Hardware Trouble-shooting using error beep codes and fixing
- Installation of Operating System and required drivers
- Required software components and their maintenance
- Basics of Network and Security.

Resource Person

Mr. P.S.S.K. Sarma,
Assistant Professor,
Department of Computer Science and Engineering ,
Mobile No: +91 9491424256 ,
Email id: prakyassk@gmail.com

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DATE: 23-10-2018

PROGRAM REPORT

Name of the Program	: "How to Assemble the Computer and its Maintenance"
Date	: 22-10-2018 to 22-10-2018 (Six Days).
Duration	: 3.30 PM to 4.30 PM.
Resource Person	: Mr. PSSK Sarma, M.Tech Assistant Professor, CSE Dept. RIET, Bhoopalapatnam, Rajahmundry,
Phone	: 9491424256
EMail	: prakyassk@gmail.com
Name of the Coordinator	: Mr. CH Gopi, Assistant Professor, CSE Dept., RIET.
No of the Participants	:09

Program Objectives:

This Faculty Development Program that enlightens the knowledge of all the participants and faculty in the fallowing aspects:

- Understanding and improving the knowledge regarding computer and its components.
- It will help all the participants to know dissemble and assemble of Computer.
- Acquiring skills to resolve hardware errors and fixing them through Hardware Trouble-shooting.
- Getting idea about installation of Operating System and the required drivers.
- Learning some basic concepts related to software, Network and Security to maintaining the Computer
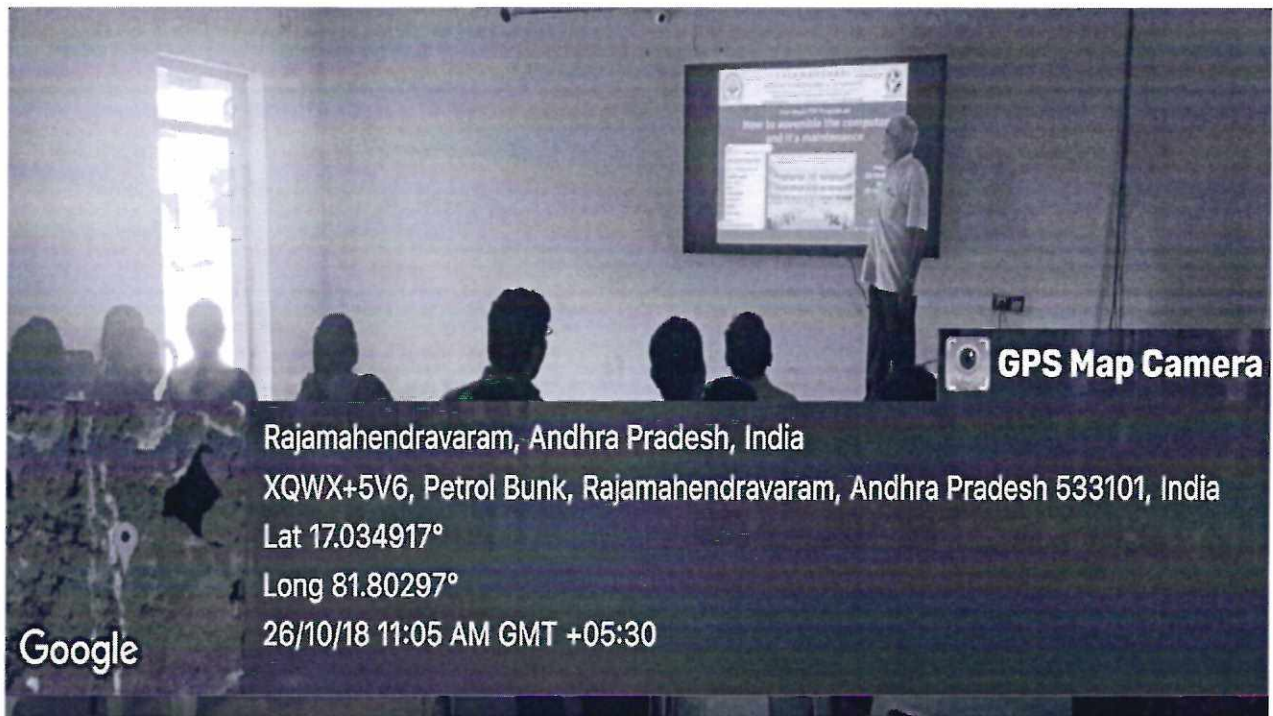
Topics Covered:

- Introduction to Computer and its components
- Dissemble and assemble of Computer
- Hardware Trouble-shooting using error beep codes and fixing
- Installation of Operating System and required drivers
- Required software components and their maintenance
- Basics of Network and Security.

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

Program Outcomes:

At end of the Faculty Development Program all the participants will be able to

- Assembling and dissembling of computer using required components.

- Doing the Hardware Trouble-shooting and fix the problems.

- Install the Operating System and the required drivers.

- Maintaining the Computer to install the required and useful softwares to do their job and providing security.

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Long 81.80297°
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Coordinator   **HOD**