

ABOUT THE COLLEGE

A.M. Reddy Memorial College of Engineering and Technology (AMRN), popularly known as AM Reddy College was established in the year 2008, by A.M. REDDY EDUCATIONAL SOCIETY in Petlurivaripalem, Narasaraopet, Palnadu (Dt.) by Sri. A. SRINIVASA REDDY, the Chairman. AM Reddy College is affiliated to Jawaharlal Nehru Technological University Kakinada and approved by AICTE. AM Reddy College is located little far from the hustle and bustle of the city life in a scenic and serene environment spread over an extensive 10.9425 acres amidst the lush fields just 3 kms away from Sub-Urban of Narasaraopet. The institute has set a benchmark in providing its students the very best in terms of infrastructure and academic services. The college meticulously implements quality policy, absolute discipline, well ventilated classrooms, multimodal teaching methodology, additional trainings for campus placements, caring teachers, committed staff, proactive managing committee, vigilant security, a dedicated canteen, separate hostel facilities for boys and girls, a fleet of buses, a mineral water plant, spacious auditorium, and outdoor grounds, and all supported with uninterrupted power backup.

ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering (EEE) is part of the A.M.Reddy Memorial College of Engineering and Technology, which is located in Narasaraopet, Andhra Pradesh. The EEE department was established in the year 2008 with an intake of 60 students for the B.Tech program. It also offered M.Tech in Power Systems Engineering from 2012 to 2020 with an intake of 18 students. The vision of the department is to mould young and fresh minds into well-disciplined and competent engineers to excel in the field of Electrical and Electronics Engineering. The department has state-of-the-art laboratories, experienced faculty, and strong linkages with industry.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

1. Smt. Atluri Santhi (Secretary)

2. Sri G. Chandrasekharreddy (President)

PATRON:

1. Dr. Naga Venkata Ratna Kumar Kurapati (Principal)

CONVENER:

1. Dr. S. Santhil Kumar

CO-ORDINATORS :

1. G. Mastan Reddy (EEE)

2. P. Koteswaramma (EEE)

3. N. Ikya (EEE)

ADVISORY COMMITTEE:

1. Dr. B. Chadra Sekar (CSE)

2. Dr. D. Anand Babu (AGE)

3. Dr. V. Gajendra Kumar (ECE)

ORGANIZING COMMITTEE

1. R. Koteswara Rao Naik (EEE)

2. K. Krishna Reddy (EEE)

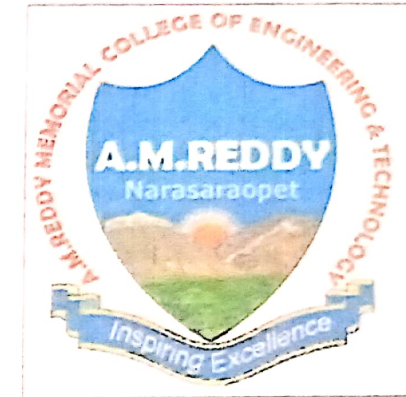
3. P. Raghava Rani (EEE)

4. B. Narasimha Rao (MECH)

5. K. Vijay Kumar (MECH)

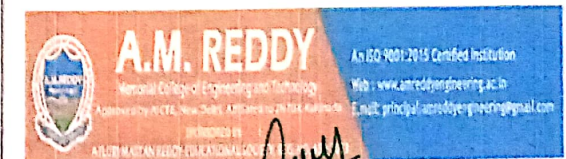
6-Day FDP on Advances in Electric Vehicle Design and Development

10-11-2022 to 17-11-2022



Organized by

Department of
EEE & MECH



A.M. REDDY MEMORIAL COLLEGE
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur Dt.

ABOUT THE PROGRAMME:

A six-day Faculty Development Program (FDP) on Advances in Electric Vehicle Design and Development would require careful planning and a structured agenda. Below is a sample program outline. Please note that you should adapt it to your specific audience, goals, and available resources. Throughout the program, consider including hands-on activities, lab tours, and guest lecture from experts in the field to make the FDP more engaging. Provide participants with reading materials, access to relevant software/tools, and encourage group discussions and networking opportunities. Adjust the schedule and topics as needed to align with the level of expertise of your participants.

RESOURCE PERSON

1. P.RAGHAVARANI
Assoc. Prof.

PROGRAMME CONTENTS

- ❖ Introduction to Electric Vehicle Technology
- ❖ Battery Innovations and Management Systems
- ❖ Electric Power train and Motor Design
- ❖ Charging Infrastructure and Smart Grid Integration
- ❖ Vehicle Light weighting and Material Innovations
- ❖ Autonomous Driving and AI Integration
- ❖ Policy and Regulatory Implications for Electric Vehicles
- ❖ Sustainable Manufacturing and Environmental Impact
- ❖ Examination of sustainable manufacturing practices

Chief Guest :

- 1.Dr.V.Praveen Kumar, HOD EEE)Eswar College
- 2.Dr.V.Nagamalleswari(HOD EEE) NRI College

Guest of Honor:

1. I.Smt. AtluriSanthi (Secretary)
- 2.Sri G.Chandrasekharreddy (President)

Guests:

- 1.Sk.Kalam,Assoc.Prof.,NEC College
2. J.Anand (Assoc Prof) GEC College

Important Dates

Last Date for Registration: 03-11-2022


Programme Schedule: 10-11-2022 to 17-11-2022

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrnee@amreddyengineering.ac.in

Phone No: 9989123388


A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur (Dr

6-Day FDP on Advances in Electric Vehicle Design and Development

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

Email Id :

Signature

This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP
programme

Head of the Department

Department of EEE & MECH

Six days FDP on Advances in electric vehicle design and development

Summary Report

Date: 23-11-2022

Number of Participants: 71

A 6-Days Faculty Development Programme (FDP) titled “**Advances in electric vehicle design and development**” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from Nov 10, 2022, to Nov 17, 2022. The FDP was led by **P. RAGHAVARANI** an Asst. Professor & HOD in the Department of EEE at **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. During this FDP, faculty members gained profound insights into the evolving research landscape, the essential considerations when publishing papers in esteemed journals, and various innovative teaching methodologies.

The inaugural ceremony on Nov 10, 2022, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr. Naga Venkata Ratna Kumar Kurapati, the Principal, Dr. S. Senthil Kumar, the Head of the EEE department, and the teaching staff from various departments.

On the same day, the session began with an introduction by the resource person, **P. RAGHAVARANI**

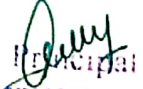
The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Electric Vehicle Components and Architecture, Electric Vehicle Integration and Safety, Charging Infrastructure and Smart Grid, Design Project Kick-off and Group Formation

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Modeling Electric Vehicle Dynamics, Battery and Thermal Management Simulation, Simulation Software and Tools, Group Work on Simulation Projects

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on EV Prototyping and Testing, Advanced Manufacturing Techniques for EVs, Vehicle Electrification Case Studies, Group Project Work and Consultation

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on EV Regulations and Compliance, Environmental Sustainability and EVs, Future Trends and Challenges in EV Development, Group Project Presentations and Discussion.

On the sixth day, the session also began at the usual time of 10 AM, with a lecture on Industry Panel Discussion, Research Opportunities and Collaboration. Industry Visits or Guest Lectures, Evaluation and Feedback Session


Principal
A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur, Dr

ABOUT THE COLLEGE

A.M. Reddy Memorial College of Engineering and Technology (AMRN), popularly known as AM Reddy College was established in the year 2008, by A.M. REDDY EDUCATIONAL SOCIETY in Petlurivaripalem, Narasaraopet, Palnadu (Dt.) by Sri. A. SRINIVASA REDDY, the Chairman. AM Reddy College is affiliated to Jawaharlal Nehru Technological University Kakinada and approved by AICTE. AM Reddy College is located little far from the hustle and bustle of the city life in a scenic and serene environment spread over an extensive 10.9425 acres amidst the lush fields just 3 kms away from Sub-Urban of Narasaraopet. The institute has set a benchmark in providing its students the very best in terms of infrastructure and academic services. The college meticulously implements quality policy, absolute discipline, well ventilated classrooms, , a dedicated canteen, separate hostel facilities for boys and girls, a fleet of buses, a mineral water plant, spacious auditorium, and outdoor grounds, and all supported with uninterrupted power backup.

ABOUT THE DEPARTMENT

The S&H department of science and humanities has been effectively functional since 2001. The department has 20 highly qualified faculty member. Out of these 20 faculty members three faculty members has been doctorate degree in deferent areas. The department is unstintingly committed to its basic principles of imparting knowledge and preparing the students towards achieving academic excellence through acquisition of core competence in science and humanities, and be successful as engineering professionals. Department of science and humanities encompasses mathematics, Physics, Chemistry, English and foreign language courses being offered to all engineering students.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

1. Smt. Atluri Santhi (Secretary)
2. Sri G.Chandra sekhar reddy (President)

PATRON:

1. Dr.K.N.V.R.Kumar (Principal)

CONVENER:

1. Dr.G.Bhaskar Reddy

CO-ORDINATORS :

1. K.Rani (S&H)
2. B Sailaja (S&H)
3. J. Mounika (S&H)

ADVISORY COMMITTEE:

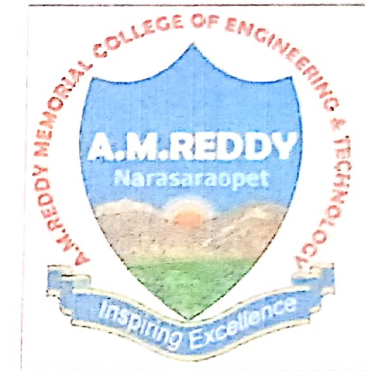
1. Dr.Bala Murugan (CIVIL)
2. Dr.B.Chadraseshkar (CSE)
3. Dr.D.Anand Babu (AGE)

ORGANIZING COMMITTEE:

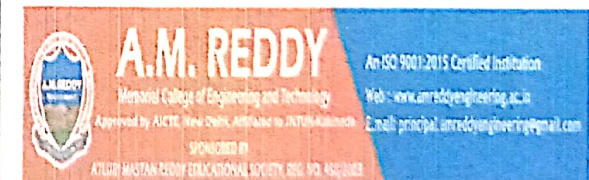
1. Sk.Karimulla (S&H)
2. D.Mamatha (S&H)
3. L.Sudha (S&H)
4. P.Kiranmala (S&H)
5. T Sharon roja (S&H)

One day Professional development program on design and presentation skills

12-12-2022



Organized by
Department of
S&H



Principi
Principal

A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Midi), Guntur, Dt.

ABOUT THE PROGRAMME:

A One-day program or guide to improve your design and presentation skills, it's important to focus on both aspects separately. Here's a general outline for a program that combines elements of design and presentation skills. While improving design and presentation skills typically requires ongoing practice and learning, here's a condensed one-day program that covers key aspects of both. Remember, the success of this one-day program relies on the participants actively engaging in practical exercises. Encourage questions, discussion, and hands-on application throughout the day. Additionally, follow-up resources or opportunities for continued learning should be provided for participants who want to deepen their skills further after the one-day session.

RESOURCE PERSON

T.DEEPTHI (MBA)
Assistant Professor

PROGRAMME CONTENTS

- ❖ Typography Crash Course
- ❖ Audience Understanding and Storytelling
- ❖ Mastering PowerPoint/Keynote
- ❖ Public Speaking and Q&A Techniques
- ❖ Designing and Delivering Your Presentation
- ❖ Reflection and Goal Setting

Chief Guest :

- 1.Dr.D. Manikanta (HOD CIVIL) AMRN
- 2.Dr.D.Anand Babu (HOD AGE) AMRN

Guest of Honor:

- 1.Smt. AtluriSanthi (Secretary)
- 2.Sri G.Chandrasekhar reddy (President)

Guests:

- 1.B.Sailaja (Assoc.Prof S&H) AMRN
- 2.P.Surya Ganesh (Assoc.Prof ECE) AMRN

Important Dates

Last Date for Registration : 05-12-2022

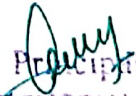
Programme Schedule: 12-12-2022

Registration Fee: Free

Spot Registrations
Are also accepted

Email-id: amrn.s&h@amreddyengineering.ac.in

Phone No: 7981279255


Principal
A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVART PALEM
Narasaraopet (Mdi), Guntur, Dr

One day Professional development program on design and presentation skills

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

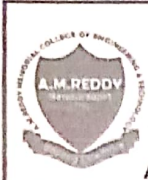
Email Id :

Signature

This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP
programme

Head of the Department



A.M. REDDY
Memorial College of Engineering and Technology
Approved by AICTE, New Delhi. Affiliated to JNTUK-Kakinada
SPONSORED BY
ATLURI MASTAN REDDY EDUCATIONAL SOCIETY, REG. NO. 450/2003

An ISO 9001:2015 Certified Institution
Web : www.amreddyengineering.ac.in
E.mail: principal.amreddyengineering@gmail.com
VINUKONDA ROAD, MASTAN REDDY NAGAR, PETLURIVARIPALEM,
NARASARAOPET PALNADU (DIST) - 522601,
CONTACT : 08647-247190.

Department of S&H

One day Professional development program on design and presentation skills

Summary Report


Date: 15-12-2022

Number of Participants: 40

A One day Professional development program titled “**Design and presentation skills**” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took on Dec 12, 2022. The FDP was led by T.DEEPTHI a Asst.Professor of S&H at **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. During this programme, faculty members gained profound insights into the evolving research landscape, the essential considerations when publishing papers in esteemed journals, and various innovative teaching methodologies.

The inaugural ceremony on Dec 12, 2022, was graced by the presence of Smt.Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.K.N.V.R.Kumar, the Principal, Dr.G.BHASKAR, the Head of the S&H department, and the Non teaching staff from various departments.

On the same day, the session began with an introduction and Overview of Designing and presentation skills by the resource person **T.DEEPTHI**


A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdi),Guntur,Dr

ABOUT THE COLLEGE

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ABOUT THE DEPARTMENT

The CSE department offers B.Tech in Computer Science and Engineering. The department has well-equipped computer labs, qualified faculty, and industry collaborations. The department aims to provide quality education and training to the students in the field of computer science and engineering'. The department was established in 2008 with an intake of 120 students for the B.Tech program and 18 students for the M.Tech program. The department has six computer labs with 368 systems with high configuration and fully air-conditioned, along with an incubation center'. The department also conducts various events and activities to enhance the students' skills and knowledge.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

1. Smt. Atluri Santhi (Secretary)
2. Sri G. Chandrasekharreddy (President)

PATRON:

1. Dr. Naga Venkata Ratna Kumar Kurapati ,
Principal

CONVENER:

1. Dr. B. Chendra Sekhar

CO-ORDINATORS :

1. K. Haresh (CE)
2. Ch. Kishor (CSE)
3. N. Anjaneyulu (CSE)

ADVISORY COMMITTEE:

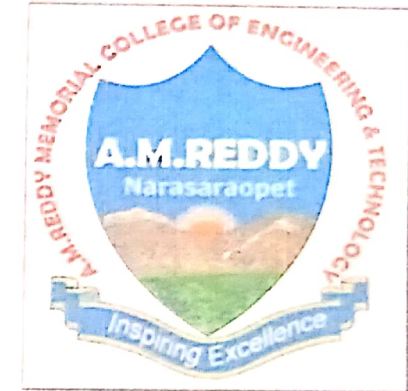
1. Dr. S. Senthil Kumar (EEE)
2. Dr. D. Anand Babu (AGE)
3. Dr. V. Gajendra Kumar (ECE)

ORGANIZING COMMITTEE

1. A. Ramakrishna Reddy (CIVIL)
2. K. Ramu (CIVIL)
3. A. Madhava Reddy (CSE)
4. G. Mohan Singh (CSE)
5. K. Ramalinga Reddy (CSE)

5-days FDP on Recent advances in Artificial Intelligent & Machine Learning

13-02-2023 to 17-02-2023



Organized by

Department of
CSE & CIVIL



Principal

A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdt), Guntur, D.

ABOUT THE PROGRAMME:

5-day program for a comprehensive conference or seminar on "Recent Advances in Artificial Intelligence and Machine Learning." This extended program allows for in-depth exploration of various topics and ample networking opportunities. This 5-day program covers a wide range of topics in AI and machine learning, allowing attendees to gain insights into recent advancements and practical applications of these technologies. You can also include poster sessions and networking events throughout the event to encourage engagement and collaboration. Networking Events: Arrange social events and networking sessions to foster collaboration and discussion. Sponsor and Exhibitor Booths: Offer space for companies and organizations to showcase their AI-related products and services.

RESOURCE PERSON

Dr.S.S.N.ANJINEYULU
Assoc.Prof

PROGRAMME CONTENTS

- ❖ Keynote Addresses
- ❖ Research Papers and Presentations
- ❖ Workshops and Tutorials
- ❖ Panel Discussions
- ❖ Poster Sessions
- ❖ Demos and Exhibits.
- ❖ Industry Use Cases
- ❖ Ethical and Regulatory Considerations
- ❖ Deep Learning
- ❖ Natural Language Processing (NLP)
- ❖ AI in Autonomous Systems

Chief Guest :

- 1.Dr.K.Tirupathi Rao, HOD CSE)KLU University
- 2.Dr.N.Gopal Krishna, HOD CSE Tirumala College

Guest of Honor:

- 1.Smt. AtluriSanthi (Secretary)
- 2.Sri G.Chandrasekharreddy (President)

Guests:

- 1.T.Parvathi-HOD CSE, Eswer College
- 2.N.Sathish-HOD CSE, G.E.C College

Important Dates

Last Date for Registration : 06-02-2023


Programme Schedule: 13-02-2023 to 17-02-2023

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrnese@amreddyengineering.ac.in

Phone No: 9985994890


Principal
A.M REDDY MEMORIAL COLLEGE
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (M.D), Guntur, Dt

5-days FDP on Recent advances in artificial intelligent & and machine learning

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

Email Id :

Signature

This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP programme

Head of the Department

Department of CSE & CIVIL

Five day FDP on Recent advances in Artificial Intelligent & Machine Learning

Summary Report

Date: 22-02-2023

Number of Participants: 73

A 5-Day Faculty Development Programme (FDP) titled “Recent advances in Artificial Intelligent & Machine Learning” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from Feb 13th, 2023, to Feb 17th, 2023. The FDP was led by Dr.S.S.N.ANJINEYULU an Assoc. Professor & HOD in the Department of CSE at Guntur Engineering College. During this FDP, faculty members gained profound insights into the evolving research landscape, the essential considerations when publishing papers in esteemed journals, and various innovative teaching methodologies.

The inaugural ceremony on May 18, 2020, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr. Naga Venkata Ratna Kumar Kurapati, the Principal, Dr. B. Chandrasekhar, the Head of the CSE department, and the teaching staff from various departments.

On the same day, the session began with an introduction by the resource person, Dr. S. S. N. Anjineyulu

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Deep Learning and Neural Networks: Convolutional Neural Networks (CNNs) for image analysis. Natural Language Processing (NLP) Transfer Learning in Deep Learning

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Generative Adversarial Networks (GANs) Reinforcement Learning and its applications. AI in Computer Vision and Image Processing AI in Natural Language Processing: BERT, GPT-3, and beyond.

On the fourth day, the session also began at the usual time of 10 AM, with a lecture AI in Healthcare: Medical image analysis and diagnosis AI in Autonomous Vehicles. AI in Industry 4.0 and Manufacturing AI in Cyber security

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on Building AI and ML projects Data pre-processing and feature engineering. Q&A and feedback Certificate distribution and closing remarks


Principal
A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur, Dr.

ABOUT THE COLLEGE

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ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering at our institution is the most coveted of all other departments, served by the most committed team. The department abounds with eminent teaching staff that is highly skilled and motivated. The technical staff provides quality education. It is well established with the state-of-the-art laboratories to cater the academic. Students of the department actively participate in various co-curricular and extra-curricular activities apart from giving their best in academics. Conducting seminars, workshops and conferences on the latest developments and arranging internships, industrial visits, and expert lectures for the benefit of the students are regular activities in the department. seminars, workshops, etc. Department assures a promising career for its students in this discipline

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

1. Smt. Atluri Santhi (Secretary)
2. Sri G.Chandrasekharreddy (President)

PATRON:

1. Dr. Naga Venkata Ratna Kumar Kurapati (Principal)

CONVENER:

Dr.V.Gajendra Kumar

CO-ORDINATORS :

1. Sk.Ganesh Kumar (ECE)
2. N.Ramesh Babu (ECE)
3. V.Ashoka Reddy (ECE)

ADVISORY COMMITTEE:

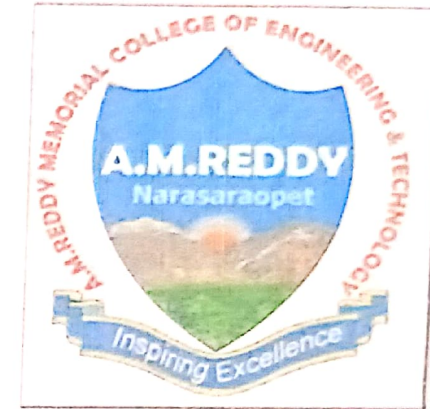
1. Dr. Bala Murugan (CIVIL)
2. Dr.S.Senthil Kumar (EEE)
3. Dr.G.Bhaskar Reddy (S&H)

ORGANIZING COMMITTEE:

1. N.Syam Kumar (ECE)
2. P.Sudheer Kumar (ECE)
3. N.Sanjeeva Rao (ECE)
4. J.Ramanjenyulu (AGE)
5. G.Madhavi (AGE)
4. Kalaripadmaja (ECE)

5-Day FDP on Resent trends and advances in RS & GIS for agricultural applications


28-02-2023 to 04-03-2023



Organized by

Department of
AGE & ECE




Principal

A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur Dt.

ABOUT THE PROGRAMME:

A five-day program outlines covering recent trends and advances in Remote Sensing (RS) and Geographic Information Systems (GIS) for agricultural applications in theory. Each day's program includes both theoretical knowledge and practical sessions to ensure participants gain hands-on experience. You can also invite guest speakers or experts in the field to provide insights and share their experiences. Additionally, consider assigning small projects or exercises to participants to reinforce their understanding of the material covered during the program.

RESOURCE PERSON

Dr. P.VIJAYA DEEPTHI
Professor

PROGRAMME CONTENTS

- ❖ Understand the Basics
- ❖ Identify Agricultural Applications
- ❖ Acquire RS Data
- ❖ Pre-process RS Data
- ❖ Analyze RS Data
- ❖ Classify Data
- ❖ Utilize GIS for Agriculture
- ❖ Assess Future Prospects
- ❖ Assess Future Prospects
- ❖ Collaborate and Communicate
- ❖ Ethical Considerations
- ❖ Critical Thinking and Problem-Solving

Chief Guest:

1. Dr. K. Siva Reddy - Prof. ECE LITAM College
2. Dr. K. Sri Hari Rao - Prof. ECE NRIIT College

Guest of Honor:

1. Smt. Atluri Santhi (Secretary)
2. Sri G. Chandrasekharreddy (President)

Guests:

1. Dr. D. Srinivasulu Reddy - Prof. ECE, SV College
2. Dr. Ch. Venugopal Reddy - H.O.D ECE RISE College

Important Dates

Last Date for Registration: 23-03-2023


Programme Schedule: 28-02-2023 to 04-03-2023

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amnce@amreddyengineering.ac.in

Phone No: 9949966554


Principal
A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETTURIVARI PALEM
Vasaraopet (Md), Guntur D.

5-Day FDP on Recent trends and advances in RS & GIS for agricultural applications

REGISTRATION FORM

Name :
Father Name :
H.T.NO :
Branch :
Organization :
Address :
Mobile No :
Email Id :

Signature

This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP
programme

Head of the Department

Department of AGE & ECE

Five days FDP on Resent trends and advances in RS & GIS for Agricultural applications

Summary Report

Date: 12-03-2023

Number of Participants: 69

A 5-Day Faculty Development Programme (FDP) titled “Five days FDP on Resent trends and advances in RS & GIS for Agricultural applications” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from Feb 28th2023, to March 04th, 2023. The FDP was led by Dr.P.VIJAYA DEEPTHI, an Assoc. Professor & HOD in the Department of AGE at VIKAS GROUP OF INSTITUTIONS NUNNA. During this FDP, faculty members gained profound insights into the evolving research landscape, the essential considerations when publishing papers in esteemed journals, and various innovative teaching methodologies.

The inaugural ceremony on Feb 28th, 2023, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr. Naga Venkata Ratna Kumar Kurapati, the Principal, Dr.V.Gajendra Kumar the Head of the ECE department, and the teaching staff from various departments.

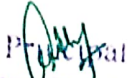
On the same day, the session began with an introduction by the resource person; **Dr.P.VIJAYA DEEPTHI,**

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Satellite Imagery and Data Sources, Pre-processing of Remote Sensing Data. Mage Classification Techniques, Practical Exercise on Data Pre-processing

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Advanced RS Techniques in Agriculture, Application of GIS in Precision Agriculture. Hands-on Workshop: Image Classification and Analysis, Case Studies in Agricultural GIS

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on Hyper spectral Imaging in Agriculture, UAVs and Drones in Precision Agriculture. Remote Sensing for Soil and Crop Monitoring, Guest Speaker - Real-world Applications

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on Future Trends in RS & GIS for Agriculture, Geospatial Decision Support Systems. Group Project: Developing a Farming Solution, Presentation of Group Projects and Closing Remarks


A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Harasaraopet (Mdl), Guntur, Dr .

ABOUT THE COLLEGE

A.M. Reddy Memorial College of Engineering and Technology (AMRN), popularly known as AM Reddy College was established in the year 2008, by A.M. REDDY EDUCATIONAL SOCIETY in Petlurivaripalem, Narasaraopet, Palnadu (Dt.) by Sri. A. SRINIVASA REDDY, the Chairman. AM Reddy College is affiliated to Jawaharlal Nehru Technological University Kakinada and approved by AICTE. AM Reddy College is located little far from the hustle and bustle of the city life in a scenic and serene environment spread over an extensive 10.9425 acres amidst the lush fields just 3 kms away from Sub-Urban of Narasaraopet. The institute has set a benchmark in providing its students the very best in terms of infrastructure and academic services. The college meticulously implements quality policy, absolute discipline, well ventilated classrooms, multimodal teaching methodology, additional trainings for campus placements, separate hostel facilities for boys and girls, a fleet of buses, a mineral water plant, spacious auditorium, and outdoor grounds, and all supported with uninterrupted power backup.

ABOUT THE DEPARTMENT

The CSE department offers B.Tech in Computer Science and Engineering. The department has well-equipped computer labs, qualified faculty, and industry collaborations. The department aims to provide quality education and training to the students in the field of computer science and engineering¹. The department was established in 2008 with an intake of 120 students for the B.Tech program and 18 students for the M.Tech program. The department has six computer labs with 368 systems with high configuration and fully air-conditioned, along with an incubation center¹. The department also conducts various events and activities to enhance the students' skills and knowledge.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

1. Smt. Atluri Santhi (Secretary)
2. Sri G. Chandrasekharreddy (President)

PATRON:

1. Dr. Dr. Naga Venkata Ratna Kumar Kurapati (Principal)

CONVENER:

1. Dr. B. Chandra Sekhar

CO-ORDINATORS :

1. A. Madhava Reddy (CSE)
2. N. Anjaneyulu (CSE)
3. K. Ramalinga Reddy (CSE)

ADVISORY COMMITTEE:

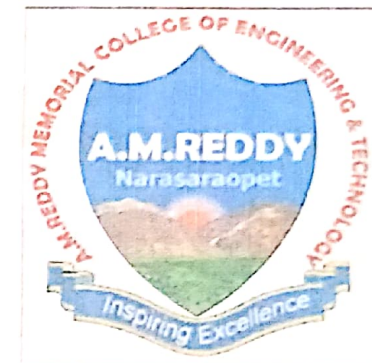
1. Dr. D. Anand Babu (AGE)
2. Dr. Bala Murugan (CIVIL)
3. Dr. G. Baskar Reddy (S&H)

ORGANIZING COMMITTEE

1. A. Jagan Mohan Reddy (CSE)
2. L. Mounika (CSE)
3. G. Koteswara Rao (CSE)
4. S. Sanjeeva Rao (ECE)
5. Ch. Raghunadh Babu (ECE)

5-Day FDP on Cloud computing and big data analytics

22-05-2023 to 26-05-2023



Organized by

Department of
CSE & CS



[Signature]
Principal

A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur Dt

ABOUT THE PROGRAMME:

This five-day program provides a brief introduction to both cloud computing and big data analytics, with an emphasis on hands-on experience. Depending on the background and interests of your audience, you can adjust the content and depth of the material accordingly. This five-day program provides a high-level overview of both cloud computing and big data analytics, focusing on essential concepts and hands-on experience. It's important to note that this is an intensive course, and participants should have a basic understanding of IT concepts to get the most out of it. Depending on your audience and time constraints, you can adjust the depth and complexity of the content accordingly.

RESOURCE PERSON

Dr.N.GOPAL KRISHNA
Assoc.Prof.

PROGRAMME CONTENTS

- ❖ Introduction to Big Data
- ❖ Big Data Framework
- ❖ Data Ingestion and Processing
- ❖ NoSQL Databases
- ❖ Data Analytics and Visualization
- ❖ Cloud-Based Big Data Analytics
- ❖ Advanced Topics
- ❖ Cloud Service Providers
- ❖ Virtualization and Containers
- ❖ Cloud Infrastructure and Networking

Chief Guest :

- 1.Dr.N.Tirumala Rao-HOD CSE, NEC College
- 2.Dr.S.S.N.Anjineyulu-Assoc.Prof, St.Mary's College

Guest of Honor:

- 1.Smt. AtluriSanthi (Secretary)
- 2.Sri G.Chandrasekharreddy (President)

Guests:

1. Dr.K.Tirupathi Rao -HOD CSE, KLU University
2. N.Sathish-HOD CSE, GEC College

Important Dates

Last Date for Registration: 15-05-2023

Programme Schedule: 22-05-2023 to 26-05-2023

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrncse@amreddyengineering.ac.in

Phone No: 9985994890


Principal

A.M REDDY MEMORIAL COLLEGE
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur Dt

5-Day FDP on Cloud computing and big data analytics

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Faculty of our college has participated in FDP
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Head of the Department

Department of CSE & CS

Five days FDP on Cloud computing and big data analytics

Summary Report

Date: 28-05-2023

Number of Participants: 63

A 5-Day Faculty Development Programme (FDP) titled "Cloud computing and big data analytics" was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from May 22, 2023, to May 26, 2023. The FDP was led by **Dr.N.GOPAL KRISHNA**, an Assoc. Professor & HOD in the Department of CSE at **NARSARAOPETA COLLEGE OF ENGINEERING**. During this FDP, faculty members gained profound insights into the evolving research landscape, the essential considerations when publishing papers in esteemed journals, and various innovative teaching methodologies.

The inaugural ceremony on May 22, 2020, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr. Naga Venkata Ratna Kumar Kurapati, the Principal, Dr. V. Chandra Sekhar, the Head of the CSE department, and the teaching staff from various departments.

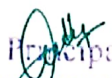
On the same day, the session began with an introduction by the resource person, **Dr.N.GOPAL KRISHNA**

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Characteristics of Big Data (Volume, Velocity, Variety, and Veracity). Overview of Big Data processing frame works (Hadoop, Spark). Introduction to NoSQL data bases. Overview of data warehousing

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Understanding Spark architecture. Writing Spark applications in Scala/ Python. Analyze a real-world big data case study. Discuss best practices and lessons learned

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on the Security groups and firewalls. Data encryption and compliance. Configure security groups and firewalls. Enable encryption for data at rest and in transit

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on Machine learning for big data. Text and sentiment analysis, Real-time analytics with streaming data. Students work in groups to implement their final projects. Instructors provide guidance and assistance


Principal
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Narasaraopet (Mdl), Guntur, Dr