

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 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.Chandra sekhar reddy (President)

PATRON:

1. Dr.Ch.Malli karjuna -Principal

CONVENER:

1. Dr.B.Chandra Sekar

CO-ORDINATORS :

1. A Jaganmohan Reddy (CSE)

2. K Ramalinga Reddy (CSE)

3. P Imran Khan (CSE)

ADVISORY COMMITTEE:

1. Dr.Bala Murugan (CIVIL)

2. Dr.Y.Praakash (EEE)

3. Dr.D Anand Babu (AGE)

ORGANIZING COMMITTEE

1. S.Pardhasaradhi (CSE)

2. L.Mounika (CSE)

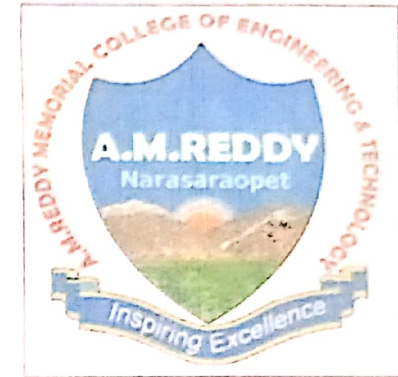
3. M.Ravindra Babu (CSE)

4. K. Nagarjuna Reddy (ECE)

5. A Ramesh (ECE)

5-Days FDP on Recent advances in artificial intelligence and machine language

03-01-2022 To 07-01-2022



Organized by

Department of
CSE



A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTUK-Kakinada

Website: www.amreddyengineering.ac.in, Email: principal.amreddyengineering@gmail.com
Petlurivaripalem, Narasaraopet, Palnadu District, Andhra Pradesh, India

[Signature]
A.M. REDDY MEMORIAL COLLEGE,
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Md), Guntur Dt

ABOUT THE PROGRAMME:

A 5-days program on Recent advances in artificial intelligence and machine language. This programme related to recent advances in artificial intelligence and machine learning is quite broad, as these fields are rapidly evolving. However, I can provide you with a basic Python script that demonstrates the use of a popular deep learning library, such as Tensor Flow or PyTorch, for a task like image classification. This script won't capture the very latest advances but can serve as a starting point for understanding how to implement machine learning models. For a more specific and up-to-date example, I recommend checking the official documentation of the deep learning framework you are interested in, or exploring recent research papers on platforms like arXiv or conference proceedings like NeurIPS, ICML, or CVPR.

RESOURCE PERSON

1. **Dr.S.S.N. ANJANEYULU**
Assoc.Professor

PROGRAMME CONTENTS

- ❖ Introduction to AI and ML
- ❖ Deep Learning
- ❖ Natural Language Processing (NLP)
- ❖ Reinforcement Learning
- ❖ Generative Adversarial Networks (GANs)
- ❖ Explainable AI (XAI)
- ❖ Edge AI and IoT Integration
- ❖ Future Trends and Emerging Technologies

Chief Guest :

1. **Dr.K.Tirupathi Rao - HOD CSE, KLU University**
2. **Dr.N.Tirumala Rao - HOD CSE , NEC College**

Guest of Honor:

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

Guests:

1. **N.Sathish-HOD-CSE,GEC College**
2. **Dr.S.S.N.Anjineyulu-Assoc.Prof. St.Mary's ENGG College**

Important Dates

Last Date for Registration: 27-12-2021

Programme Schedule: 03-01-2022 to 07-01-2022

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 PALEYS
Narasaraopet (Mdl), Guntur Dist.

5-Days FDP on Recent advances in Artificial Intelligence and Machine Language

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

5-Days FDP on Recent advances in Artificial Intelligence and machine language

Summary Report

Date: 12-01-2022

Number of participants: 70

A 5-Days Faculty Development Programme (FDP) titled “Recent advances in artificial intelligence and machine” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from January 3rd, 2022 to January 7th, 2022. The FDP was led by Dr.S.S.N.ANANEYULU, an Assoc. Professor in the Department of CSE 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 January 3rd, 2022 was graced by the presence of Smt.Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.Ch.Mallikarjuna, the Principal, by 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.ANANEYULU

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the How AI and machine learning work together

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Capabilities of AI and machine learning.

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on the Speech recognition and natural language understanding.

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on the Benefits of AI and machine learning and increased operational efficiency


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, 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.Chandra sekhar reddy (President)

PATRON:

1. Dr.Ch.Malli karjuna -Principal

CONVENER:

1. Dr.Y.Prakash -HOD EEE

CO-ORDINATORS :

1. M Ravindra Nadh(EEE)

2. R.Simha Chalam (EEE)

3. K Krishna Reddy (EEE)

ADVISORY COMMITTEE:

1. Dr.A.Vinoth (ECE)

2. Dr.B.Chandra Sekhar (CSE)

3. Dr.Bala Murugan (CIVIL)

ORGANIZING COMMITTEE

1. B. Hareesh (EEE)

2. K.Prabhakar Rao(EEE)

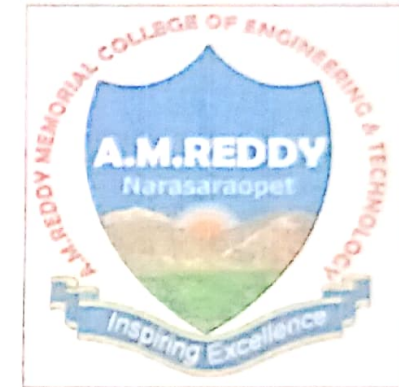
3. G.Mastan Reddy (EEE)

4. P.Rajesh (ECE)

5. P.Rekha (ECE)

5-Day FDP on Power Electronics Application to Electric Vehicles

24-01-2022 to 29-01-2022



Organized by


Department of
EEE & ECE



A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTUK-Kakinada

Website: www.amreddymemorialcollege.edu.in, Email: principal.amreddymemorialcollege@gmail.com


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

ABOUT THE PROGRAMME:

A 5-days program on Power Electronics Application to Electric Vehicles. This programme is designed as a comprehensive program for Power Electronics Applications to Electric Vehicles (EVs) over a 5-day period involving a range of topics, from the fundamentals of power electronics to specific applications in electric vehicle systems. Here's a suggested outline. Keep in mind that this is a condensed program, and each topic could be expanded based on the participants' background and the depth of coverage desired. Adjust the content based on the level of expertise of the audience and the specific goals of the program. Overview of power electronics and its role in electric vehicles. Basic power semiconductor devices (diodes, transistors, and thyristors). Understanding power electronic converters (AC-DC, DC-DC, DC-AC). Overview of different converter topologies and their applications.

RESOURCE PERSON

Dr.V.PRAVEEN KUMAR

Associate Professor

PROGRAMME CONTENTS

- ❖ Basics of Power Electronics
- ❖ Electric Vehicles Fundamentals
- ❖ Power Semiconductor Devices in Detail
- ❖ Power Converters in EVs
- ❖ Wireless Charging for EVs
- ❖ Thermal Management in EVs
- ❖ Future Trends and Case Studies

Chief Guest :

1. Dr. V. Naga Malleswari - HOD EEE NRI College
2. Dr. V. Praveen Kumar - HOD EEE, Eswar College

Guest of Honor:

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

Guests:

1. Sk. Kalam - Assoc. Prof. - EEE, NEC College
2. A. Srinivasarao - Asst. Prof. - EEE, GEC College

Important Dates

Last Date for Registration : 19-01-2022

Programme Schedule: 24-01-2022 to 29-01-2022.

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrnee@amreddyengineering.ac.in

Phone No: 9989123388


Principal

AM REDDY MEMORIAL COLLEGE
ENGINEERING & TECHNOLOGY
PETLURIVARI BALAM
Narasaraopet (Mdl), Guntur, Dr

5-Days FDP on Power Electronics Application to Electric Vehicles

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 ECE & EEE

5-Days FDP on Power Electronics Application to Electric Vehicles

Summary Report

Date: 03-02-2022

Number of participants: 75

A 5-Days Faculty Development Programme (FDP) titled “Power Electronics Application to Electric Vehicles” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from January 24th 2022 to January 29th, 2022. The FDP was led by Dr.V.PRAVEEN KUMAR, an Assoc .Professor in the Department of EEE at M.P.R.M Polytechnic 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 January 24th, 2022, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary Correspondent, Dr.Ch.Mallikarjuna, The Principal, by Dr.Y.Prakash, 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, **Dr.V.PRAVEEN KUMAR**

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the objectives of Importance of the role of EVs/HEV systems.

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Intro EV Motor Drive Technologies and Energy Source and Battery Charging Technologies

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on Design Structure Intro EV Subsystems and Configurations and Subsystems and Modes of Operation

On the fifth day, the session also began at the usual time of 10 AM, Vehicle Dynamics modelling and simulation in Simulink.

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 MBA department offers a two-year postgraduate program in management with 60 seats available. The MBA program aims to develop competent managers with analytical skills, decision-making abilities, and leadership qualities for various sectors of the economy. The MBA department has qualified faculty with industry experience and research expertise who provide quality education and training to the students. The MBA department also organizes seminars, workshops, industrial visits, guest lectures, and placement activities to enhance the knowledge, skills, and employability of the students. The MBA department follows the curriculum and guidelines of the Jawaharlal Nehru Technical University and is accredited by the All India Council for Technical Education.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

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

PATRON:

1. Dr. Ch. Malli Karjuna

CONVENER:

1. S. Amani (MBA)

CO-ORDINATORS :

1. B Jhansi Ks Nandini (MBA)
2. G koti Reddy (MBA)
3. Sk Rafi (MBA)

ADVISORY COMMITTEE:

1. Dr. d anand babu (AGE)
2. Dr. g. bhaskar reddy (S&H)
3. Dr. A. Vinoth (ECE)

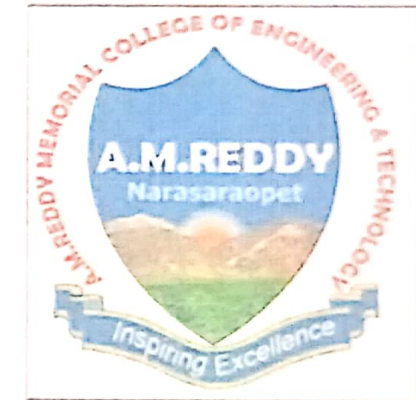
ORGANIZING COMMITTEE:

1. B Narashima Rao (ME)
2. D. Subba Rao (CSE)
3. K Ramu (CE)
4. V Srinivasa Rao (S&H)
5. B Sailaja (S&H)

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

One Day Training Programme On Project Management And Fundamentals

15-02-2022



Organized by
Department of
MBA



ABOUT THE PROGRAMME:

A One-day program on Project management is a broad field, and the specific program or software you use can depend on your needs, preferences, and the size of your projects. One popular project management methodology is the agile framework, and a widely used tool for agile project management is Jira. Below, I'll provide you with a simple example of a project management program using Jira, but keep in mind that there are many other tools and methodologies available. Remember that this is just a basic outline, and the actual implementation may vary based on your team's specific needs and the nature of your projects. Additionally, there are other popular project management tools like Trello, Asana, and Microsoft Project that you might consider based on your preferences and requirements.

RESOURCE PERSON

1. T. DEEPTHI
Asst.Prof

PROGRAMME CONTENTS

- ❖ Introduction to Project Management
- ❖ Project Initiation
- ❖ Project Planning
- ❖ Project Execution
- ❖ Project Monitoring and Control
- ❖ Project Closure

Chief Guest :

1. Dr. D Anand Babu (HOD AGE) AMRN
2. Dr. G. Bhaskar Reddy (HOD S&H) AMRN

Guest of Honor:

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

Guests:

1. Dr. A. Vinith (HOD ECE) AMRN
2. Dr. Y. Prakash (HOD EEE) AMRN

Important Dates

Last Date for Registration: 13-02-2022

Programme Schedule: 15-02-2022

Registration Fee: Free

Spot Registrations
Are also accepted

Email-id: amrnmba@amreddyengineering.ac.in

Phone No: 9989865615

One Day Training Programme On Project Management And Fundamentals

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

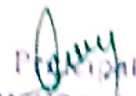
Email Id :

Signature

This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP
programme

Head of the Department


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



ESTD: 2007

A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTUK-Kakinada

Web : www.amreddyengineering.ac.in, E.mail: principal.amreddyengineering@gmail.com
VINUKONDA ROAD, PETLURIVARIPALEM(POST), NARASARAOPET, GUNTUR (DIST), ANDHRA PRADESH, PIN: 522601, 08647-247190.

Department of MBA

One day training programme on project management and fundamentals

Summary Report

Date: 18-02-2022

Number of Participants: 33

One day training programme titled “Project Management and Fundamentals” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took on Feb 15, 2022. The Programme was led by T. DEEPTHI Asst.Prof in the Department of MBA 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 Feb 15, 2022, was graced by the presence of Smt.Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.Ch.Malli Karjuna, the Principal, S.Amani, the Head of the Department of MBA, and the Non teaching members from various departments.

On the same day, the session began with an Overview of basic electrical and electronic concepts by the resource person, T. DEEPTHI

Principal
A.M. REDDY MEMORIAL COLLEGE
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 Department of Civil Engineering started functioning from the year 2009 in B.Tech programme with a permitted intake of 60 students and M.Tech with Structural Design, and Transportation Engineering specializations started functioning from the years 2013, and 2014 respectively with 18 students each in these two specializations. The Polytechnic programme in Civil (DCE) started in the year 2013 with 60 intake. The department is equipped with state-of-the-art laboratory facilities in the areas of SE, TE, GT, EE, Surveying, Hydraulics and Hydraulics Machinery. In addition, the department has simulation labs in Pavement Analysis and Design, Geographic Information Systems. The department is also equipped with an exclusive library in addition to the central library, with several volumes, titles including e-journals and print journals.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

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

PATRON:

1. Dr. Ch. Malli karjuna - Principal

CONVENER:

1. Dr. Bala Murugan

CO-ORDINATORS :

1. K. Sreekar Chand (CIVIL)
2. K. Siva Karthik (CIVIL)
3. J. Dinesh Reddy (CIVIL)

ADVISORY COMMITTEE:

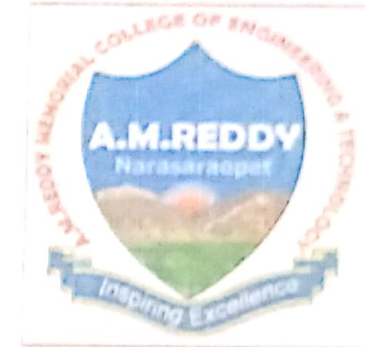
1. Dr. M. Ramakotaiah (MECH)
2. Dr. G. Bhaskar Reddy (S&H)
3. Dr. Y. Prakash (EEE)

ORGANIZING COMMITTEE

1. R. Sai Krishna (CIVIL)
2. K. Ramu (CIVIL)
3. R. Ramya (AGE)
4. M. Veena (AGE)
5. A. Ravi Kumar (CIVIL)

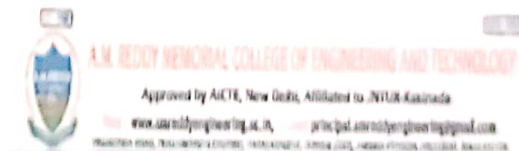
5-Days FDP on Applications of total stations and levelling with latest trends

14-02-2022 to 18-02-2022



Organized by

Department of
CIVIL & AGE



Dr. Ch. Malli karjuna
Principal

A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM

ABOUT THE PROGRAMME:

A 5-days program on Applications of total stations and levelling with latest trends. This script simulates leveling data where a leveling instrument measures the height differences between consecutive points. It then plots the height differences against the distance. This is a basic example, and in a real-world scenario, you would import and analyze data collected from a total station or leveling instrument. As for the latest trends, the field of surveying has seen advancements with the integration of Geographic Information System (GIS), Building Information Modeling (BIM), and cloud-based collaboration. Additionally, advancements in total station technology often include features such as laser scanning, reflectorless measurement, and wireless data transfer. Keep in mind that specific features and trends may vary among different total station models and manufacturers.

RESOURCE PERSON

Dr.S.MADHU BALA
Associate Professor

PROGRAMME CONTENTS

- ❖ Integration with GIS and BIM
- ❖ Automation and Robotics
- ❖ Advanced Data Processing
- ❖ Wireless Data Transfer
- ❖ Reflector less Technology

Chief Guest :

1.G.Phani Madhavi (Prof civil) Nalandha College
2.Dr.K.Kumar Swamy (Prof CIVIL) VVIT College

Guest of Honor:

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

Guests:

1.A.Ravi Kumar (Asst Prof CIVIL) C.R College
2.K.Sredhar (Assoc. Prof CIVIL) Eswar College

Important Dates

Last Date for Registration : 07-02-2022

Programme Schedule: 14-02-2022 to 18-02-2022

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrcivil@amreddyengineering.ac.in

Phone No: 7013447854

5-Days FDP on Applications of total stations and levelling with latest trends

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
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur, Dr



Department of CIVIL & AGRI

A5- days FDP on Applications of total stations and levelling with latest trends

Summary Report

Date: 23-02-2022

Number of participants: 76

A 5-days Faculty Development Programme (FDP) titled “Applications of total stations and levelling with latest trends” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from February 14th, 2022, to February 18th, 2022. The FDP was led by Dr.S.MADHU BALA an Assoc. Professor & HOD in the Department of CIVIL at PRIYADRASHNI INSTITUTION OF TECHNOLOGY AND MANAGEMENT. 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 February 14th, 2022, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent Dr.Ch.Mallikarjuna, the Principal, Dr.BALA MURUGAN, the Head of the CIVIL department, and the teaching staff from various departments.

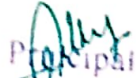
On the same day, the session began with an introduction by the resource person, Dr.S.MADHU BALA

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Components and features of a total station. Setting up and calibrating a total station.

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Principles of levelling in surveying. Different types of levelling instruments (dumpy level, auto level).

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on the High precision measurements and monitoring. 3D laser scanning and modelling with total stations.

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on the Overview of the latest trends in surveying technology Applications of artificial intelligence and machine learning in surveying


Principal
A.M. REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM,
Narasaraopet (Dist), Guntur, Andhra Pradesh

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, 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 mechanical engineering was established in the year of 2008 offering B.Tech in ME with an intake of 60 every academic year and M.Tech in MECHANICAL intake 60 in each Academic year. The department consists of 1 Computer Labs having 60 systems with high configuration and fully Air Conditioned, along with incubation Centre. The B.Tech computer engineering program includes computer operations on different languages, data generation, collection and utilization of information. Mechanical engineering is one of the broadest engineering disciplines. Mechanical engineers design, develop, build, and test. They deal with anything that moves, from components to machines to the human body. Mechanical engineering is the study of physical machines that may involve force and movement.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

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

PATRON:

1.Dr.Ch.Malli karjuna (Principal)

CONVENER:

1. Dr.M.Ramakotaiah

CO-ORDINATORS :

1. B.Narasimha Rao (MECH)
2. B.Ramesh Babu (MECH)
3. B. Adhi Narayana (MECH)

ADVISORY COMMITTEE:

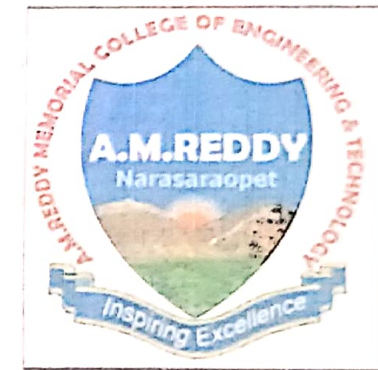
1. S.Amani (MBA)
2. Dr.D. Anand Babu (AGE)
- 3.Dr.A.Vinoth (ECE)

ORGANIZING COMMITTEE

- 1.K.Vijay Kumar (MECH)
- 2.B Narashima Rao(MECH)
3. Ch.Suresh (MECH)
4. M.Mounika (CIVIL)
- 5.V.Nagaraju (CIVIL)

5-Days FDP on Behaviour of fluid at bends

18-04-2022 to 22-04-2022



Organized by

Department of
MECH



Principal

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

ABOUT THE PROGRAMME:

A 5-days program on Behavior of fluid at bends that covers various aspects of this field. This program includes combination of fluid dynamics, numerical methods, and programming. However, I can provide you with a general outline for a 5-day plan to approach this task. Keep in mind that this is just a guideline, and the actual implementation may vary based on your specific requirements and the tools you choose. Remember that this is a high-level outline, and each step may involve significant details and considerations. Consulting with experts in fluid dynamics and numerical simulation can be valuable during this process.

RESOURCE PERSON

Dr.D.VENKATA RAO
Associate Professor

PROGRAMME CONTENTS

- ❖ Geometry Setup
- ❖ Boundary Conditions
- ❖ Turbulence Modelling
- ❖ Solver Configuration
- ❖ Running the Simulation
- ❖ Post-Processing
- ❖ Analysis and Validation
- ❖ Documentation
- ❖ Documentation

Chief Guest :

- 1.Dr.M.Ramarao-Assoc.Prof Tirumala College
- 2.Dr.B.Venkata Siva -HOD MECH NCE College

Guest of Honor:

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

Guests:

- 1D.Subramanyam-Assoc.Prof-Nalandha College
- 2Sk.Shaik-Subhani-Asst.Prof. Eswar College

Important Dates

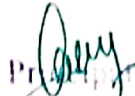
Last Date for Registration : 11-04-2022
Programme Schedule: 18-04-2022 to 22-04-2022

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amremech@amreddyengineering.ac.in

Phone No: 6304790224


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

5-Days FDP on Behaviour of fluid at bends

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 Mechanical

5-days FDP on Behaviour of fluid at bends

Summary Report

Date: 27-04-2022

Number of Participants: 72

A 5-days Faculty Development Programme (FDP) titled “Behaviour of fluid at bends” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from April 18th, 2022, to April 22nd, 2022. The FDP was led by **Dr.D.VENKATARAO** an Assoc. Professor & HOD in the Department of MECHANICAL at KALLAM HARANADHA REDDY INSTITUTE OF 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 April 18th, 2022, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy Garu, the Secretary & Correspondent Dr.Ch.Mallikarjuna, The Principal, Dr.M.Ramakotaiah, the Head of the Mechanical department, and the teaching staff from various departments.

On the same day, the session began with an introduction by the resource person, **Dr.D.VENKATARAO**

The second day's session commenced at 10 AM, with the resource person on the Understanding the assumptions and limitations Application to bends and curved flow

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Characteristics and equations, Behaviour of laminar flow at bends

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on the Overview of experimental setups for studying bends Laboratory demonstrations

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on the Practical session on setting up and running CFD simulations Analysis of simulation results for bends and Conclusions


Principal
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PETLURIVARI PALEM
Narasaraopet (Mdl), Guntur, Dr.