

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, 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, 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.M.Ramakrishna (Principal)

CONVENER:

1. Dr.A.Nedumaran

CO-ORDINATORS :

1. T.Deepthi (MBA)
2. Sk.Rafi (MBA)
3. G.Koti Reddy (MBA)

ADVISORY COMMITTEE:

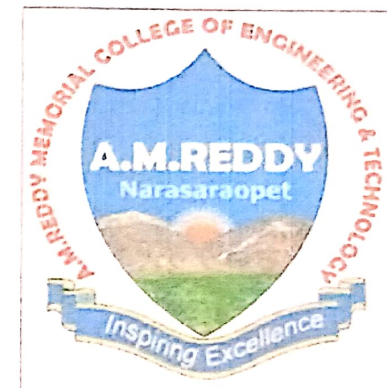
1. Dr.M.Bhaskar Rao (CE)
2. Dr.D.Ananda Babu (AGE)
3. Dr.S.Senthil Kumar (EEE)

ORGANIZING COMMITTEE:

1. P.Vimalanathan (MBA)
2. Ch.Tejaswini (MBA)
3. M.Lakshmi(S&H)
4. K.Pullaiiah (S&H)
5. P.Indira Priyadarshini (S&H)

One day Administrative training
program on excel with excellence

15-07-2019



Organized by

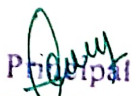
AM REDDY MEMORIAL COLLEGE OF
ENGG & TECH (MBA)



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


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

ABOUT THE PROGRAMME:

A One-day administrative training program focused on Excel with an emphasis on excellence. This program is designed to cover key Excel skills and functionalities that are essential for administrative professionals. Feel free to adapt it based on the specific needs of your audience. To empower administrative professionals with advanced Excel skills and techniques for increased productivity and efficiency in their day-to-day tasks. This training program provides a balanced mix of theoretical knowledge, practical application, and hands-on exercises to ensure participants leave with a solid understanding of advanced Excel skills. Customize the content and pace based on the proficiency level of your participants and any specific requirements they may have.

RESOURCE PERSON

1. P.RAVI SANKAR
Asst.Prof

PROGRAMME CONTENTS

- ❖ Excel Fundamentals
- ❖ Advanced Data Handling Techniques
- ❖ Mastering Formulas and Functions
- ❖ Data Visualization and Analysis
- ❖ Excel Efficiency Tips and Tricks

Chief Guest :

- 1.D.Ananda Babu (HOD AGE) AMRN
2. Y. K. Durga rao (HOD CSE) AMRN

Guest of Honor:

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

Guests:

- 1.Dr.A.Ranganathan (Assoc Prof CIVL) AMRN
- 2.K.Ramalinga reddy (Assoc Prof CSE) AMRN

Important Dates

Last Date for Registration : 08-07-2019

Programme Schedule: 15-07-2019

Registration Fee: Free

Spot Registrations
Are also accepted

Emailed: amrnmba@amreddyengineering.ac.in

Phone No: 9989865615

AM REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETTURIVADI, PALAM
HARASANAPETA (MCH, DISTRICT)

One day Administrative training program on excel with excellence

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



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

A One day Administrative training programme on excel with excellence

Summary Report

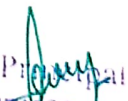
Date: 16-07-2019

Number of Participants: 36

A One day Administrative training programme titled “**excel with excellence**” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took on July 15, 2019. The Programme was led by **P.RAVI SANKAR**, an Asst. Professor 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 July 15, 2019, was graced by the presence of Smt.Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.M.Ramakrishna, the Principal, Dr.A.Nedumaran, the Head of the MBA, and the Non teaching members from various departments.

On the same day, the session began with an Overview of excel with excellence by the resource person, **P.RAVI SANKAR**


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

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

PATRON:

1.Dr. M. Ramakrishna (Principal)

CONVENER:

1. Dr.A.Nageswaran

CO-ORDINATORS :

- 1.G.Nagarjuna (CSE)
2. Sk.Motad China Khaja (CSE)
3. A.Suresh Babu (CSE)

ADVISORY COMMITTEE:

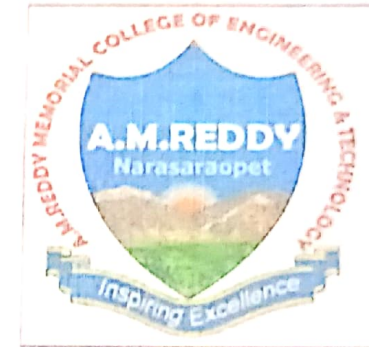
1. Dr.A.Nedumaran (MBA)
2. Dr.D.Ananda Babu (AGE)
3. Dr.M.Bhaskar Rao (CIVL)

ORGANIZING COMMITTEE

1. B.Venkateswara Rao (CSE)
2. V.V.Chari(CSE)
- 3 A.Jagan Mohan Reddy (CSE)
4. P.Sailaja(ECE)
5. P.Sudheer Kumar (ECE)

A 5-Days FDP on Block chain technology

05-08-2019 to 09-08-2019



Organized by
Department of
CSE



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.amreddyeng@gmail.com

VENKATRAO ROAD, PETLURIVARIPALEM (Dt), NARASARAOPET, GUNTUR (Dist), ANDHRA PRADESH, INDIA-522202

Principals

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

Narasaraopet (Md), Guntur, Dt

ABOUT THE PROGRAMME:

A 5-days Block chain technology program involves covering key concepts, practical applications, and hands-on exercises. Here's a suggested outline for a 5-day Block chain program. This program covers the fundamentals of Block chain, practical implementation, and emerging trends. It's important to adapt the content based on the audience's prior knowledge and the specific goals of the program. Additionally, interactive elements like group discussions, case studies, and Q&A sessions can enhance the learning experience. This program aims to cover the essential aspects of Block chain technology in a structured manner. Depending on the audience's background and the level of detail desired, each session can be adjusted accordingly. Incorporating hands-on exercises and practical applications will enhance the participants' understanding of Block chain concepts.

RESOURCE PERSON

1. **Dr.N.GOPAL KRISHNA**
Assoc Prof

PROGRAMME CONTENTS

- ❖ Introduction to Block chain
- ❖ Block chain Architecture and Platforms
- ❖ Smart Contracts and Development
- ❖ Understanding Smart Contracts
- ❖ Decentralized Applications (DApps)
- ❖ Block chain Security
- ❖ Privacy and Compliance
- ❖ Scalability and Interoperability

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.Chandrasekharreddy (President)**

Guests:

1.**Dr.J.A.Paulson (Prof CSE) Nalandha College**
2.**Dr.T.GopalKrishna (Prof.CSE) Litham College**

Important Dates

Last Date for Registration: 01-08-2019

Programme Schedule: 05-08-2019 to 09-08-2019

Registration Fee: Rs-500/-

**Spot Registrations
Are also accepted**

Email-id: amrncse@amreddyengineering.ac.in

Phone No: 99895994890

A

5-Days FDP on Block chain technology

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

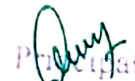
Email Id :

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 & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdr), Guntur



ESTD: 2007

A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

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VINUKONDA ROAD, PETLURIVARIPALEM(POST), NARASARAOPET, GUNTUR (DIST), ANDHRA PRADESH, PIN:522601, 08647-247190.

Department of CSE

5-DaysFDP on Block chain Technology

Summary Report

Date: 12-08-2019

No.of participants: 74

A 5-Days Faculty Development Programme (FDP) titled “**Block Chain Technology**” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from August 05, 2019, to August 09, 2019. The FDP was led by **Dr.N.Gopal Krishna** an Assoc. Professor & HOD in the Department of CSE at **SAI TIRUMALA 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 August 05, 2019, was graced by the presence of Smt.Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.M. Ramakrishna, the Principal, Dr.A.Nageswaran, 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 session began at 10 a.m., with the resource person delivering his presentation on Block chain Data Structures Consensus Mechanisms: Proof of Work, Proof of Stake, etc.

On the third day, the session began at 10a.m. as normal, with a lecture on Ethereum and Solidity Programming, Creating and Deploying Smart Contracts.

On the fourth day, the session began at 10a.m. as normal, with a lecture on Security Threats and Vulnerabilities, Privacy and Anonymity in Block chain.

On the fifth day, the session began at 10a.m. as normal, with a lecture on Scaling Solutions (e.g..Sharding), Tokenization and Initial Coin Offerings (ICOs).

At the end of the session, the resource person was honoured by the Principal and CSE Staff members at AMRN Engineering College.


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

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, 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 Structural Engineering, Transportation Engineering, Geotechnical Engineering, Environmental Engineering, Engineering Geology, Surveying, Hydraulics and Hydraulics Machinery.

CHAIRMAN:

1. Sri A. Srinivasa Reddy

CHIEF PATRONS:

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

PATRON:

1. Dr. M. Ramakrishna (Principal)

CONVENER:

1. Dr. M. Bhaskar Rao

CO-ORDINATORS :

1. K. Sreekar Chand (CIVIL)
2. K. Ramu (CIVIL)
3. Y. Sanjeev Reddy (CIVIL)

ADVISORY COMMITTEE:

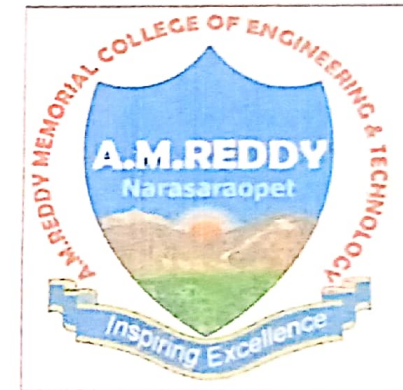
1. Dr. S. Arun (ECE)
2. Dr. D. Ananda Babu (AGE)
3. Dr. A. Nageswaran (CSE)

ORGANIZING COMMITTEE

1. G. V. Varun Theja (CIVIL)
2. K. Siva Karthik (CIVIL)
3. M. Ramesh Babu (CIVIL)
4. R. Ramya (AGE)
5. M. Veena (AGE)

6-Days FDP on Computer Aided Design and Analysis of Structures Using Finite Element Method Concepts in Structural Engineering

18-11-2019 to 23-11-2019



Organized by

Department of
CIVIL & AGE



A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

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

WWW: www.amreddyengineering.ac.in, E-MAIL: principal.amreddyengineering@gmail.com
VETTORIYA ROAD, PETLURIVARIPALEM, NARASARAOPET DISTRICT, ANDHRA PRADESH, PIN CODE: 524431

Principal

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

ABOUT THE PROGRAMME:

A 6-days program on Computer-Aided Design and Analysis program for structures using Finite Element Method (FEM) involves a substantial amount of code and would typically be implemented in a programming language like Python or MATLAB. Writing such a program from scratch is beyond the scope of a single response, but I can provide you with a basic outline and example code snippets to help you get started. Keep in mind that a complete and accurate structural analysis program requires a deep understanding of both structural engineering principles and numerical methods. This example covers the basic steps of a 2D truss structure analysis using FEM. Depending on your specific requirements and the type of structure you're analyzing (e.g., beams, frames, 3D structures), you may need to extend and modify the code accordingly. Additionally, error handling, convergence checks, and other considerations are important for a robust and practical implementation.

RESOURCE PERSON

Dr.K.RATNA PRASAD
Professor

PROGRAMME CONTENTS

- ❖ Truss Analysis Program
- ❖ Beam Analysis Program
- ❖ Frame Analysis Program
- ❖ 3D Structure Analysis Program
- ❖ Dynamic Analysis Program
- ❖ Nonlinear Analysis Program
- ❖ Optimization Program
- ❖ Heat Transfer Analysis Program
- ❖ Buckling Analysis Program

Chief Guest :

- 1.Dr.K.Kumara Swamy-Prof Civil, VVIT College
- 2.Dr.G.Phani Madhavi -Prof Civil, Nalandha College

Guest of Honor:

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

Guests:

- 1.A.Ravi Kumar -Asst Prof CIVIL, C.R College
- 2A.Nagaiah-Assoc. Prof CIVIL, C.R.College

Important Dates

Last Date for Registration: 12-11-2019


Programme Schedule: 18-11-2019 to 23-11-2019

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrncivil@amreddyengineering.ac.in

Phone No: 7013447854


Principal
A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALAM

Narasaraopet (Andhra Pradesh)

A

6-Days FDP on Computer Aided Design and Analysis of Structures Using Finite Element Method Concepts in Structural Engineering

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 6-Days FDP on Computer Aided Design and Analysis of Structures Using Finite Element Method Concepts in Structural Engineering

Summary Report

Date: 25-11-2019

Number of participants: 73

A 6-Days Faculty Development Programme (FDP) titled "**Computer Aided Design and Analysis of Structures Using Finite Element Method Concepts in Structural Engineering**" was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from November 18, 2019, to November 23, 2019. The FDP was led by **DR.K.RATNA PRASAD** an Assoc. Professor & HOD in the Department of CIVIL at **VVIT COLLEGE OF ENGINEERING & TECHNOLOGY AND 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 November 18, 2019, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy garu, the Secretary & Correspondent, Dr.M. Ramakrishna, the Principal, Dr.M.Bhaskar Rao 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.K.RATNA PRASAD**


The second day session began at 10 a.m., Basics of Structural Analysis and FEM Software Overview

On the third day, the session began at 10a.m. as normal, with a lecture on Material Properties and Assignments in FEM, Boundary Conditions and Loads.

On the fourth day, the session began at 10a.m. as normal, Post processing and Results Visualization, Interpretation of Analysis Results

On the fifth day, the session began at 10a.m. as normal, Structural Optimization using FEM, Practical Applications and Case Studies, Dynamic Analysis and Response Spectrum.

On the sixth day, the session began at 10a.m. as normal, with a lecture on Composite Structures Analysis, Bridge Design and Analysis, Project Work and Q&A Session, Vaedictory


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 Pethurivaripalem, 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. AtluriSanthi (Secretary)

2. Sri G.Chandrasekharreddy (President)

PATRON:

1. Dr. M. Ramakrishna (Principal)

CONVENER:

1. Dr S.Senthilkumar

CO-ORDINATORS :

1. K.Krishnareddy (EEE)

2. M.Ravindranadh (EEE)

3. R.Simhachalam (EEE)

ADVISORY COMMITTEE:

1. A Madhava Reddy (CSE)

2. D. Ananda Babu (AGE)

3. Dr S.Arun (ECE)

ORGANIZING COMMITTEE

1. N.Ikaya (EEE)

2. B.EstheruRani (EEE)

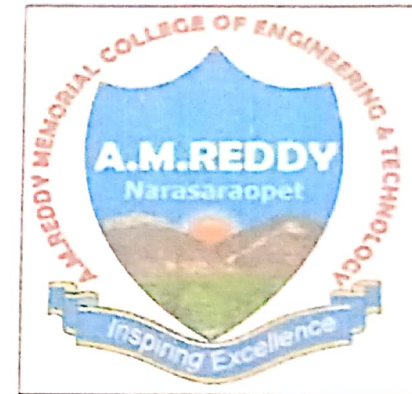
3. K.Kathyayini (EEE)

4. B.Adinarayana (ME)

5 Ch.Suresh (ME)

A 5-Days FDP on Advances in computational fluid dynamics

24-02-2020 to 28-02-2020



Organized by

Department of
EEE & ME



A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Website: www.amreddyengineering.ac.in, Email: pricpa@amreddyengineering.ac.in

WALLENBA AND PETHURIVARIPALEM, NARASARAOPET, GUNTUR DISTRICT, ANDHRA PRADESH, INDIA-522 008

Principal

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

ABOUT THE PROGRAMME:

A 5-days Faculty Development Program (FDP) on Advances in Computational Fluid Dynamics (CFD) would typically involve a series of lectures, workshops, and hands-on sessions. Below is a sample outline for such a program. This program provides a broad overview of the key aspects of computational fluid dynamics, including fundamental concepts, numerical methods, meshing, pre-processing, solvers, post-processing, and advanced topics. Depending on the audience's background and expertise, the program can be adjusted to focus more on specific areas of interest or dive deeper into certain topics. Additionally, guest lectures from experts in the field could enhance the program's depth and relevance. This brief program outline captures the main components of an Advances in CFD workshop, touching on fundamental concepts, numerical methods, meshing, solvers, and advanced applications.

RESOURCE PERSON

Dr.P.MICHEAL
Assoc.Prof.

PROGRAMME CONTENTS

- ❖ Introduction and Fundamentals
- ❖ Mesh Generation and Preprocessing
- ❖ Solvers and Numerical Methods
- ❖ Post processing and Visualization
- ❖ Advanced Topics and Future Directions
- ❖ Coupled Fluid-Structure Interaction

Chief Guest :

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

Guest of Honor:

- 1.Smt. Atluri Santhi (Secretary)
- 2.Sri G.Chandra Sekhar Reddy (President)

Guests:

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

Important Dates

Last Date for Registration: 17-02-2020

Programme Schedule: 24-02-2020 to 28-02-2020

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrncee@amreddyengineering.ac.in

Phone No: 9989123388

A 5-Day FDP on Advances in computational fluid dynamics

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :

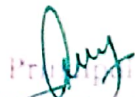
Email Id :

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
Narsaraopet (Md), Guntur (Dt)



Department of EEE & MECH

5-Days FDP on Advances in Computational Fluid Dynamics

Summary Report

Date: 04-03-2020

No.of participants: 75

A 5-Days Faculty Development Programme (FDP) titled “Advances in computational fluid dynamics” was organized for academic staff in A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY. The program took place from February 24, 2020, to February 28, 2020. The FDP was led by P. MICHAEL, an Assoc. Professor & HOD in the Department of EEE at NARSARAOPET COLLEGE OF ENGINEERING AND 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 February 17, 2020, was graced by the presence of Smt. Atluri Santhi Srinivasa Reddy Garu, the Secretary & Correspondent, Dr.M. Ramakrishna, the Principal, Dr S.Senthilkumar 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. MICHAEL

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the objectives of Advances in computational fluid dynamics, Time Integration Methods, Spatial Discretization Techniques.

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Mesh Generation Techniques, Geometry Clean-up and Preparation, Boundary Conditions and Pre-processing, Hands-on Mesh Generation.

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on Turbulence Modelling (RANS, LES, DNS), Multiphase and Reactive Flows, Heat Transfer and Conjugate Heat Transfer, Parallel Computing & High-Performance Computing in CFD

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on Automotive and Environmental CFD, Bio fluid Dynamics and Medical Applications, Industry-Specific Case Studies and Future Trends


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 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. AtluriSanthi (Secretary)
2. SriG.Chandra Sekhar reddy (President)

PATRON:

- 1.Dr. M. Ramakrishna -Principal

CONVENER:

1. Dr.S.Arun

CO-ORDINATORS :

- 1.K.Ramalinga Reddy (CSE)
2. A.Madhavareddy (CSE)
3. G.Nagarjuna (CSE)

ADVISORY COMMITTEE:

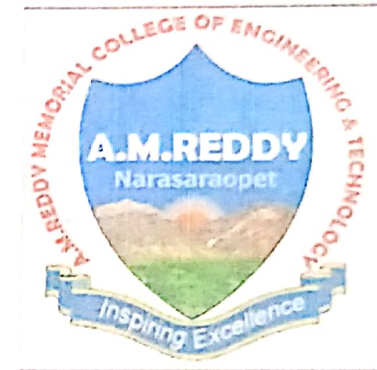
1. Dr.C.Mallikarjuna Reddy (S&H)
2. Dr.A.Nedumaran (MBA)
3. D.Ananda Babu -AGE

ORGANIZING COMMITTEE

1. B.Venkateswara Rao (CSE)
2. V.V.Chari(CSE)
- 3 P.Imran Khan (CSE)
4. P.Rajesh (ECE)
5. U. Srinivasa Rao (ECE)

5-Days FDP on CMOS integrated circuits for instrumentation & IOT Application

18-05-2020 to 22-05-2020



Organized by

Department of
ECE & CSE



A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

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

Web: www.amreddyengineering.ac.in, Email: principal.amreddyengineering@gmail.com

VENKATESWARA RAO, V.V.CHARI, P. IMRAN KHAN, P. RAJESH, U. SRINIVASA RAO

Signature

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

ABOUT THE PROGRAMME:

This five-days program on CMOS integrated circuits in instrumentation and IoT applications would typically involve a combination of hardware description languages (HDLs) and possibly low-level programming languages for embedded systems. Writing such a program requires a detailed understanding of the specific CMOS IC, instrumentation requirements, and IoT protocols. However, I can provide you with a simple example using a hypothetical scenario. Keep in mind that this is a basic illustration and may not cover all aspects of a real-world application. This is a basic Python program that simulates a CMOS integrated circuit in an IoT sensor node. In a real-world application, you would need to use appropriate libraries or frameworks based on the hardware and communication protocols involved.

RESOURCE PERSON

DR.N.TIRUMALA RAO
Professor

PROGRAMME CONTENTS

- ❖ System Architecture
- ❖ Analog Front-End
- ❖ Digital Processing
- ❖ Power Management
- ❖ Communication Modules
- ❖ Security Features
- ❖ Clock Generation
- ❖ Testing and Debugging Features

Chief Guest :

- 1.Dr.S.S.N.Anjineyulu (Assoc Prof) St.Mary's College
- 2.Dr.G.Nageswarao (Principal) Eswar College

Guest of Honor:

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

Guests:

- 1.Dr.Sk.Kasim-HOD-CSE,Eswar College
- 2.Dr.J.A.Paulson-Professor,CSE,Nalandha College

Important Dates

Last Date for Registration:11-05-2020

Programme Schedule: 18-05-2020 to 22-05-2020

Registration Fee: Rs-500/-

Spot Registrations
Are also accepted

Email-id: amrnese@amreddyengineering.ac.in

Phone No: 9985994890

5-Day FDP on CMOS integrated circuits for instrumentation & IOT Application

REGISTRATION FORM

Name :

Father Name :

H.T.NO :

Branch :

Organization :

Address :

Mobile No :


Email Id :

Signature

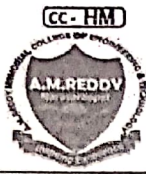
This is to certify that Dr/Mr/Mrs

Faculty of our college has participated in FDP
programme

Head of the Department



**A.M REDDY MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
PETLURIVARI PALEM
Narasaraopet (Mdl),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, PETLURIVARI PALEM (POST), NARASARAOPET, GUNTUR (DIST), ANDHRA PRADESH, PIN: 522601, 08647-247190.

Department of ECE & CSE

5-Days FDP on CMOS integrated circuits for instrumentation & IOT Application

Summary Report

Date: 27-05-2020

No. Of participants: 66

A 5-Days Faculty Development Programme (FDP) titled “**CMOS Integrated Circuits for Instrumentation & IOT Application**” was organized for academic staff in **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**. The program took place from May 18, 2020, to May 22, 2020. The FDP was led by **Dr.N.TIRUMALA RAO**, an Assoc. Professor & HOD in the Department of CSE at **NARSARAOPETA 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.M. Ramakrishna, the Principal, Dr S.Arun, 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.N.TIRUMALA RAO**

The second day's session commenced at 10 AM, with the resource person delivering a lecture on the Transistor Models and Characterization, Digital Logic Design with CMOS, Design Principles for Low Power, Lab Session: Basic CMOS Circuit Design Exercises

On the third day, the session also began at the usual time of 10 AM, with a lecture on the Sensors and Transducers, Signal Conditioning and Amplification, Noise in CMOS Circuits and Noise Reduction Techniques, Data Converters: ADCs and DACs

On the fourth day, the session also began at the usual time of 10 AM, with a lecture on Introduction to IOT and Its Applications, IOT Sensors and Actuators, Communication Protocols for IOT, Low Power Design for IOT Devices

On the fifth day, the session also began at the usual time of 10 AM, with a lecture on CMOS Power Amplifiers for IOT Applications, System Integration and Testing, Case Studies: Real-world IOT Projects, Q&A and Participant Presentations


Principal

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