

Resource Persons

Dr. U. Srinivasulu Reddy

Associate Professor in MCA,
National Institute of Technology, Thiruchirapalli.

Topic: Introduction to Machine learning

Day 01: 02-01-2023

Session 1

Dr. C. Selvi

Assistant Professor in CSE,
Indian Institute of Information Technology, Kottayam.

Topic: Data Preprocessing Techniques

Session 2

Dr. Surendiran

Associate Professor in CSE,
National Institute of Technology, Puducherry.

Topic: Dimensionality Reduction for Medical Imaging

Day 02: 03-01-2023

Session 1

Dr. Naeem Ahmad

Assistant Professor in MCA,
National Institute of Technology, Raipur.

Topic: Classification and Regression Techniques

Session 2

Dr. J. Praveen Kumar

Post-Doctoral Research Associate,
Singapore - Massachusetts Institute of Technology
Alliance for Research and Technology, Singapore.

Topic: Machine learning in Agriculture

Day 03: 04-01-2023

Session 1

Dr. Nandhini Kumaresan

Assistant Professor in Computer Science,
Central University of Tamilnadu, Thiruvaur.

Topic: Natural Language Processing using Machine Learning

Session 2

Dr. T. Kishore Kumar

Professor in ECE Department,
National Institute of Technology, Warangal.

Topic: Artificial Intelligence in Healthcare Applications

Day 04: 05-01-2023

Session 1

Dr. S. Suresh

Assistant Professor in Computer Science,
Banaras Hindu University, Varanasi.

Topic: Introduction to Deep learning with Convolutional Neural Networks

Session 2

Dr. A. Kaja Mohideen

Assistant Professor in Applied Mathematics and
Computational Sciences,
PSG College of Technology, Coimbatore.

Topic: Deep Learning for Medical Image Processing

Day 05: 06-01-2023

Session 1

Timings: Session 1 – 10.30 AM to 12.00 NOON

Session 2 – 02.30 PM to 04.00 PM

Organizing Committee

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Mr. S. Suresh Asst. Professor



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Department of Computer Applications

organizes

Five Days Virtual

Faculty

Development

Programme (FDP)

on

Emerging Trends in

Machine Learning and

Deep Learning Techniques

Date:02.01.2023 to 06.01.2023



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About the Institution

Madanapalle Institute of Technology & Science was established in 1998 in the picturesque and pleasant environs of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle – Ananthapur Highway (NH-205) near Angallu, about 10 km away from Madanapalle. MITS originated under the auspices of Ratakonda Ranga Reddy Educational Academy under by the proactive leadership of Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent of the Academy. MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of academic excellence in India. The Institution's profile is firmly based on strategies and action plans that match the changing demands of the nation and the students fraternity.

MITS enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology.

About the Department

The Department of Computer Applications has grown from strength to strength since its inception in 2004. It offers two-year MCA programme governed by AICTE, New Delhi and affiliated to JNTUA. The MCA Programme is Accredited by the National Board of Accreditation (NBA) from 2019 to 2024. The Department is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society. It promotes the prime objective of educating and preparing students as dynamic, competent and knowledgeable professionals.

Objectives of the FDP

The purpose of conducting this five-days FDP is to provide knowledge about real time applications using machine learning and deep learning techniques. It also enhances the knowledge of the faculty in the latest technologies pertaining to machine learning and deep learning.



Resource Persons of this Programme

Academicians from NITs/IIITs/CUs and government institutions in concerned field are invited to deliver the lectures.

Topics Covered

Introduction to Machine learning
Data Preprocessing Techniques
Dimensionality Reduction for Medical Imaging
Classification and Regression techniques
Machine learning in Agriculture
Natural Language Processing using ML
Introduction to Deep learning with CNN
Artificial Intelligence in Healthcare Applications
Deep Learning for Medical Image Processing

Who can participate?

This FDP is suitable for faculty, researchers, postgraduate scholars in academia and industry.

How to Apply?

Participants are required to fill in the online registration form by clicking on the following link:

<https://forms.gle/Z1uHALvacuQU3e6p9>



Registration Payment Details

Registration fee Rs.200/-

Account No : 50200004213888

IFSC code : HDFC0002435

Bank Name : HDFC Bank Ltd

Branch: CTM Road, Madanapalle-517325

Last date for Registration: 25.12.2022

For Further Details Contact

Dr. S. Jansi – 9080860006

Dr. C. Sivaraj - 9100069515

Department of Computer Applications
Madanapalle Institute of Technology & Science

Post Box No: 14, Kadiri Road

Angallu (Village), Madanapalle-517325

Annamayya District, Andhra Pradesh, India

Phone: +91-8571-280255;280706

E-Certificate will be provided on the completion of FDP.