

About the Institute

Madanapalle Institute of Technology & Science (UGC-Autonomous Institution) popularly known as MITS, was established in 1998 in the picturesque and pleasant environment of Madanapalle and is ideally located on a sprawling 26.17 acre campus on Madanapalle - Ananthapuramu Highway (NH-205) near Angallu, about 10 km away from Madanapalle and 120 km from Bangalore Airport. MITS was originates under the auspices of Ratakonda Ranga Reddy Educational Academy under the proactive leadership of Dr. N. Vijaya Bhaskar Choudary, Ph.D., Secretary & Correspondent. It offers 11 Under Graduate Engineering Programmes, and 2 Post-Graduate Programmes (MBA and MCA). It has benchmarked its curriculum and teaching methodologies with premier Indian Institutes to maintain academic excellence. It is a NAAC 'A+' accredited institution and all the eligible programmes have been accredited by NBA, MITS is ranked among the 251-300 band of NIRF - 2022 Ranking. MITS has entered into MoUs with 17 renowned universities across the world. 52 B.Tech students got selected for University Innovation Fellowship program (UIF) of Stanford University- USA and many students have completed their internships in Taiwan, Japan, Germany, Finland, Russia, Dubai and Singapore. The Institute has around 6,500 students, 363 Teaching Faculty, among which 188 Faculty members are with Ph.D qualification from many renowned Indian and foreign Universities. In addition to these resources, the latest inclusion is MITS-Community Radio 90.8 which is established to foster students' involvement and participation to provide the most recent updates of Science and Technological advancements to the community.

About the Department

The Department of Computer Applications has grown from strength to strength since its inception in 2004. The MCA Programme is Accredited by the National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE). It offers two-year MCA programmes governed by AICTE, New Delhi and affiliated to JNTU Ananthapuramu. 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

Resource Persons of this Programme

Academicians from NITs/MIT/VIT/BITS Pilani and government institutions in concerned field are invited to deliver the lectures.

Organizing Committee

Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent

Patron
Mrs. Keerthi Nadella
Executive Director

Program Chair
Dr. C. Yuvaraj
Principal

Organizing Chair
Dr. N. Naveen Kumar
HoD, Dept. of MCA

Convener
Dr. Srinivasan Jagannathan
Asst. Prof., Dept. of MCA

Members
Dr. Maruthamuthu, Asst. Prof., Dept. of MCA
Dr. Prabhakaran, Asst. Prof., Dept. of MCA
Dr. Viswanathan, Asst. Prof., Dept. of MCA
Mr. Seshu Kumar, Asst. Prof., Dept. of MCA
Mr. Suresh, Asst. Prof., Dept. of MCA

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Madanapalle-517325, Annamayya Dist., Andhra Pradesh

Department of Computer Applications
organizes

Five Days Online Faculty Development Programme (FDP)

on

Developing Potentials-Emerging
Technologies in Computer Science and IT



Date

06-05-2024 to 10-05-2024

www.mits.ac.in

Resource Persons

Topics Covered

Day 01: 06-05-2024



Session 1

Dr. R. Elakkiya

Assistant Professor, Department of CSE
Birla Institute of Technology and Science Pilani (Dubai Campus)

Topic: Emerging Technologies in CS & IT



Session 2

Dr. U. Srinivasulu Reddy

Associate Professor in MCA Department
National Institute of Technology, Thiruchirapalli

Topic: Introduction to Machine Learning & AI

Day 02: 07-05-2024



Session 1

Dr. V. Neelanarayanan

Professor, School of Computer Science and Engineering
VIT-Chennai Campus

Topic: Machine Learning Using Python Programming



Session 2

Dr. Swaminathan .A

Assistant Professor, School of Computer Science and
Engineering
VIT-Chennai Campus

Topic: AI with Python

Day 03: 08-05-2024



Session 1

Dr. Pattabiraman .V

Professor, School of Computer Science & Engineering
VIT-Chennai Campus

Topic: Research areas in ML and AI



Session 2

Dr. Nandhini Kumaresan

Assistant Professor in Computer Science
Central University of Tamilnadu, Thiruvavur

Topic: Natural Language Processing (NLP)

Day 04: 09-05-2024



Session 1

Dr. Rajesh .G

Associate Professor
Department of Information Technology, MIT, Chennai

Topic: IoT and its Applications



Session 2

Dr. M. Elamparithi

Director, Academics
Kamalam College of Arts and Science, Anthiyur

Topic: Introduction to Data Science

Day 05: 10-05-2024



Session 1

Dr. Thirusevelvan .S

Assistant Professor
Department of CSE, GITAM University, Bangalore

**Topic: Case Study – Data Science using python
libraries**



Session 2

Dr. Karthik .N

Assistant Professor, Department of CSE,
NIT, Puducherry

Topic: Research areas in Data Science.

Timings

Session 1 – 10.15 AM to 12.00 PM

Session 2 – 02.15 PM to 04.00 PM

The main objectives of the FDP are as follows

- To equip faculty members and research scholars with the necessary knowledge and skills to effectively engage with emerging technologies.
- To foster a deeper understanding of the potential applications and implications of Machine Learning and IoT in various domains.
- To facilitate the dissemination of knowledge and best practices among participants, thereby enhancing their teaching and research capabilities.

- Emerging Technologies in CS & IT
- Introduction to Machine Learning & AI
- Machine Learning Using python programming.
- AI with Python
- Research areas in ML and AI
- Natural Language Processing (NLP)
- IoT and its Applications.
- Introduction to Data Science
- Data Science using python libraries case studies.
- Research areas in Data Science.

Who can participate?

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

How to Apply?

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

<https://forms.gle/5ssDsAbx8vrrYH3E6>



NOTE: Registration fee

Academician/ Industry - Rs.250/-
PG Scholar/ Student - Rs.150/-
Account No: 75690200000436
IFSC code: BARB0BJMADA
Bank Name: Bank of Baroda
Branch: CTM Road, Madanapalle-517325



Registration Opens on:
01-04-2024

Last date for Registration: 15.04.2024

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