



MIT'S
MADANAPALLE

**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS INSTITUTION)

Computer Science & Engineering

NEWS LETTER

CSE News Bulletin



ACADEMIC YEAR : 2023-2024
VOLUME 9, ISSUE 1

Highlights

- Conference/Workshop/Seminar(s) organized
- Faculty Participation in Workshop/Seminar
- Research Activities
- Student Achievements

Department Vision & Mission



Vision

To excel in technical education and research in area of Computer Science & Engineering and to provide expert, proficient and knowledgeable individuals with high enthusiasm to meet the Societal challenge.

Mission

M1: To provide an open environment to the students and faculty that promotes professional and personal growth.

M2: To impart strong theoretical and practical background across the computer science discipline with an emphasis on software development and research.

M3: To inculcate the skills necessary to continue their education after graduation, as well as for the societal needs.

Conference/Workshop/Seminar(s) Organized

Event-1

A Two Days Hands-on Workshop on “ Smart Computing and IoT Innovations with Raspberry Pi”
From 10th August 2023 to 11th August 2023.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle-517325, Annamayya Dist., Andhra Pradesh

In Association with CSI

ACIETE Approved INSTITUTE
NBA NATIONAL BOARD OF ACCREDITATION CIVIL, CHE, ECE, EEE, MECH, MBA & MCA
Accredited By NAAC A+ Grade
Affiliated to JNTUA
ISO 21001:2018 Certified
nirf MITS ranked in the band 351-500 - NIRF 2022

Department of Computer Science & Engineering organizes

A Two Day Hands-on Workshop on
“Smart Computing and IoT Innovations with Raspberry Pi”

Resource Person
Mr.K.Sasikumar
Sr.CRG Engineer
CRG Engineer Prolific Systems
Coimbatore

Date:10.08.2023 & 11.08.2023 Time : 10.00 A.M - 4.00 P.M

Chief Patron
Dr.N.Vijaya Bhaskara Choudary , Ph.D.,
Secretary & Correspondent

Patron
Mrs.Keerthi Nadella
Executive Director

Program Chair
Dr.C.Yuvaraj
Principal

Convener
Dr. R. Kalpana
Professor & Head

Coordinator
Mr.B.Anandraj
Assistant Professor, CSE
Mr. T. Thangarasan
Assistant Professor, CSE

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Event-2

A Five Days Workshop on “ Web Application Security: Protecting Against Cyber Attacks”
From 21st August 2023 to 25th August 2023.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Madanapalle - 517325, Annamayya Dist., Andhra Pradesh, India

A Five Days workshop
on
Web Application Security: Protecting Against Cyber Attacks

Organized by
MITS Skill Development Cell in association with
Department of Computer Science & Engineering

Date : 21.08.2023 to 25.08.2023

Resource Persons:
Mr.Poleneni Anil,APSSDC Technical Skill Trainer

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

Patron
Mrs.Keerthi Nadella
Executive Director

Program Chair
Dr.C.Yuvraj
Principle

Convener
Dr.R.Kalpana
Professor & Head

Coordinator
Mr.M.Mohan
Associate Professor/CSE

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Event-3

**Alumni Guest Lecture on “Web Development”
Held on 31st August 2023.**



ఊళ్ళ కళాశాలలో వెబ్ డెవలప్మెంట్ పై అవగాహన



విద్యార్థులకు వెబ్ డెవలప్మెంట్ పై అవగాహన కల్పించే ఉద్దేశ్యంతో మదనపల్లె ఇంజనీరింగ్ కళాశాలలో ఆగస్టు 31న 'వెబ్ డెవలప్మెంట్' అనే అంశంపై అల్యూమ్నీ గెస్ట్ లెక్చర్ నిర్వహించారు. ఈ సందర్భంగా అల్యూమ్నీ గెస్ట్ లెక్చర్ నిర్వహించిన అల్యూమ్నీ గెస్ట్ లెక్చర్ లో విద్యార్థులకు వెబ్ డెవలప్మెంట్ పై అవగాహన కల్పించారు. ఈ సందర్భంగా అల్యూమ్నీ గెస్ట్ లెక్చర్ నిర్వహించిన అల్యూమ్నీ గెస్ట్ లెక్చర్ లో విద్యార్థులకు వెబ్ డెవలప్మెంట్ పై అవగాహన కల్పించారు. ఈ సందర్భంగా అల్యూమ్నీ గెస్ట్ లెక్చర్ నిర్వహించిన అల్యూమ్నీ గెస్ట్ లెక్చర్ లో విద్యార్థులకు వెబ్ డెవలప్మెంట్ పై అవగాహన కల్పించారు.

Event-4

**A Two Days Hands-on Workshop on “Android UI Development: Building Interactive Mobile Applications”
Held on 7th September 2023 & 8th September 2023.**

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Organized by Department of Computer Science & Engineering

A Two Day- Hands-on Workshop on

Android UI Development: Building Interactive Mobile Applications

DATE 07-09-2023 & 08-09-2023 **Time** 10:00 A.M - 4:00 P.M

Resource Person

Ms.DurgaDevi.D
software Developer,
FIIT FORMACATION PVT LTD

<p>Chief Patron Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent</p>	<p>Patron Mrs. N. Keerthi Executive Director</p>	<p>Co-Patron Dr. C. Yuvaraj Principal</p>
<p>Dr. R. Kiran Kumar Alumni Relation Officer</p>	<p>Dr. R. Kalpana CSE - HOD</p>	<p>Coordinator Mrs. G B Renuka Assistant Professor/CSE</p>

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Event-5

Workshop on “Software Quality Assurance: Standards and Best Practices”

Held on 14th September 2023 & 15th September 2023.

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Madanapalle-517325, Annamaya Dist., Andhra Pradesh

In Association with
Indian Society for Technical Education (ISTE)

Department of Computer Science & Engineering
Organizes

workshop on
““Software Quality Assurance: Standards and Best Practices””

Resource Person
Mrs.Hema Gopal
IT Strategist
Genpact

Time:10:00 A.M. - 4:00 P.M. Date: 14/09/2023 & 15/09/2023
Venue: Seminar Hall D

Chief Patron
Dr.N.Vijaya Bhaskar Choudary , Ph.D.,
Secretary & Correspondent

Patron
Mrs.Keerthi Nadella
Executive Director

Program Chair
Dr.C.Yuvaraj
Principal

Convenor
Dr.R.Kalpana, Ph.D.
Professor & Head, Dept. of CSE

Coordinators
Dr. R. Sudhakar
Assistant Professor,CSE
Mrs.M.Bommy
Assistant Professor,CSE

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Event-6

INTERNAL HACKATHON (SMART INDIA HACKATHON- 2023)

Held on 26th September 2023



Event-7

**A Two Days Hands-on Workshop on “Mastering NumPy: Efficient Data Handling and Computation”
Held on 28th September 2023 & 29th September 2023.**



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nirf MITS ranked in the band 251-300 - NIRF 2022
COUNCIL SOCIETY OF INDIAN ENGINEERS

Department of Computer Science & Engineering organizes

**A Two Day Hands-on Workshop on
“Mastering NumPy: Efficient Data Handling and Computation”**

Resource Person
Mr.R.Dinesh
Software Engineer
Samsung E-commerce

Date :28/09/2023 & 29/09/2023 Time:10:00 A.M - 4:00 P.M

Chief Patron
Dr.N.Vijaya Bhaskara Choudary , Ph.D.,
Secretary & Correspondent

Patron
Mrs.Keerthi Nadella
Executive Director

Program Chair
Dr.C.Yuvraj
Principal

Convenor
Dr. R. Kalpana
Professor & Head

Coordinators
Dr.R.Sundar
Assistant Professor/CSE
Mr. M. Rajasekaran
Assistant Professor/CSE

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Event-8

**Guest Lecture on “Emerging Trends in Data Science”organized by Department of Computer Science & Engineering.
Held on 29th September 2023.**



Faculty Participation in Workshop/Seminar

S.No	Event Type	Faculty Attended Events
1	FDP	66
2	STTP	4
3	Workshops	2
4	Seminars	1
Total		73

Research Activities

Details of Journal Papers

- Prof. Goutam Chakraborty, published a paper in IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT with the titled “A Novel Precomputed Optimal Procrastination Time Interval for Re-Clustering to Maximize Operation Time of Wireless Sensor Networks”, in the month of September 2023.
- Dr. R. Sundar published a paper in International Journal of Intelligent Systems and Applications in Engineering (IJISAE) with the titled “An Effective Twitter Spam Detection Model using Multiple Hidden Layers Extreme Learning Machine”, in the month of September 2023.
- Dr. R. Nidhya has published a study in the journal Wireless Personal Communications with the titled "Hybrid Tasmanian Devil and Improved Simulated AnnealingBased Clustering Algorithm for Improving Network Longevity in Wireless Sensor Networks (WSNs)", in the month of August 2023.
- Dr. R. Sundar published a paper in International Journal of Intelligent Systems and Applications in Engineering (IJISAE) with the titled “Design Energy Aware Optimized Grey Wolf Based Recurrent Neural Scheme for Bio Medical Application in Wireless Sensor Platform”, in the month of August 2023.
- Dr. R. Sundar published a paper in International Journal of Intelligent Systems and Applications in Engineering (IJISAE) with the titled “Electronic Health Record Sharing in Cloud Computing with Privacy and Security Preservation Using Blockchain Technology”, in the month of July 2023.

Details of Conference Papers

S.No	Name of the Faculty	Title of the paper	Name of the Conference
1	Dr. R. Nidhya	Brain Tumor Diagnosis with MCNN-Based MRI Image Analysis	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
2	Dr. R. Nidhya	Smart System for Vehicle Number Plate Recognition Using Convolutional Neural Network(CNN)	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
3	Dr. G. Arun Kumar	Development of healthcare monitoring system with pollution control in industrial sectors using the Internet of Things	5 th International Conference on Inventive Research in Computing Applications
4	Dr. G. Arun Kumar	A Novel Graph Clustering Algorithm with Enhanced Security using Power Method and Homomorphic Encryption	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
5	Dr. G. Arun Kumar	Wireless IoT Gas and Smoke Detection System with ESP8266 and Blynk Integration	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)
6	Dr. G. Arun Kumar	Customized Creation Of ERC 20 Standard Cryptocurrency On The Ethereum Network	1st International Conference on Optimization Techniques for Learning (ICOTL-2023)

Details of Book Chapters

S.No	Name of the Faculty	Book Chapter Title	Publisher
1	Dr. R. Nidhya	Energy Harvesting Scheme Using Queuing Theory for Wireless Body Area Network	Springer - EAI/Springer Innovations in Communication and Computing book series (EASICC)
2	Dr. G. Arun Kumar	Internet of Things (IoT) and Machine Learning for transportation	CRC Press Taylor and Francis Group Florida USA,
3	Dr. K. Sudhakar	Sustainable Developments of Human-Machine Interaction for Knowledge Discovery and Management: Healthcare and Agricultural Domains	IGI Global
4	Dr. K. Sudhakar	Machine Learning and Deep Learning for Intelligent Systems in Small Aircraft Applications	IGI Global
5	Dr. K. Sudhakar	Sustainable Energy Generation from Waste Water: IoT Integrated Technologies	IGI Global
6	Dr. K. Sudhakar	Age of Computational AI for Autonomous Vehicles	Wiley

Details of Patents

- Mrs. Sangeetha.M, published a patent with the title “Artificial Neural Network based Capacitance Prediction Model for Optimal Voltage Control Generator” in the month of September 2023.

- Mr. S. Srinivas Kumar, published a patent with the title “Smart Inter-Transfer Data Drive” in the month of September 2023.
- Dr S Elango, published a patent with the title “IOT based Street cleaning vehicle” in the month of August 2023.

Student Achievements

S.No	Roll no	Name of the Student	Name of the Event	Organized by	Date	Remarks
1	23695A0513	Malathi Gandhi	Technical Quiz	Bapatla Engineering College	15.9.2023	First
2	22691A0571	G.Harshavardhan				Third
3	18691A05F4	YanamalaThanmay Sree	State Awards	Velagapudi Ramakrishna Siddhartha Engineering College	11.8.2023-12.8.2023	Best Computer Science Engineering Student
4	20691A05A3	Navya Sree. R	Project Expo	Sri Venkateswara College of Engineering & Technology	17.7.2023-19.7.2023	2 nd Prize
	20691A05A6	Neelakanteswara S				
	20691A05D8	Puneeth. S				
5	20691A05C0	Suresh Reddy. B	Paper Presentation	Sri Venkateswara College of Engineering & Technology	17.7.2023-19.7.2023	3rd Prize
	20691A05F2	Sai Haritha. D				
	20691A05G1	Sandeep. G				

Congratulations!



Chief Editor

Dr R Kalpana
Professor & Head/CSE

Associate Editor

Mrs G.Vasundhara Devi
Assistant Professor/CSE

Student Editors

K Yashwanth Kumar III CSE

M Sivamani III CSE

D Surendra III CSE

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Madanapalle Institute of Technology & Science

Post Box No: 14, Kadiri Road

Angallu (V), Madanapalle-517325

Annamayya District, AndhraPradesh,

India



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