



# MALLA REDDY INSTITUTE OF TECHNOLOGY & SCIENCE

(SPONSORED BY MALLA REDDY EDUCATIONAL SOCIETY)

Affiliated to JNTUH & Approved by AICTE, New Delhi

NAAC with 'A' Grade, NBA Accredited, ISO 9001:2015 Certified, Approved by UK Accreditation Centre

Granted Status of 2(f) & 12(b) under UGC Act, 1956, Govt. of India.



RESEARCH AND DEVELOPMENT				
ACTION TAKEN REPORT 2021-22				
S.NO	DEPT	NAME OF THE EVENT	TITLE OF THE EVENT	NUMBER OF EVENT
1	ECE	PUBLICATIONS	Grid Connected Dual Winding Permanent Magnet Synchronous Generator Based Wind Turbine under Low Voltage Ride through Using STATCOM	14
2			Microstrip Antenna Design for Pulsed Radio Frequency Energy and Pulsed Electromagnetic Field Applications	
3			Analysis Of Data Security In Cloud Computing Using Mapreduce With Ecdlp Based Algorithms	
4			Smart temperature sensor and automatic sanitizer machine	
5			A Novel Pattern Matching Method For Memory Reduction Applications Using Ac Algorithm	
6			Reliability Evaluation Of Bulk Power Incorporating Upfc	
7			Water Purification System Powered by Solar Energy	
8			IOT Based Anti-Theft Security System	
9			An Effective way to utilize Additive Manufacturing	
10			Implementation of Baggage Security System Using RFID in Airports	
11			MATLAB Simulation of Wireless Sensor Networks Based on Watermarking Approach	
12			Energy-efficient and Secured Data Gathering in Wireless Multimedia Sensor Networks	
13			Qos Aware Modified Harmony Search Optimization For Route Selection In VANETS	
14			Applying Machine Learning Approaches For Network Traffic Forecasting	
1			To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning	
2			To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning	
3			To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning	
4			Machine Learning Based Solution for an Effective Credit Card Fraud Detection	
5			Intrusion Detection Of Network Traffic Imbalances Using Machine Learning And Deep Learning	

6		Intrusion Detection Of Network Traffic Imbalances Using Machine Learning And Deep Learning
7		Intrusion Detection Of Network Traffic Imbalances Using Machine Learning And Deep Learning
8		Deep Learning for Traffic Prediction: Methods, Analysis, and Future Directions
9		Detection of Fraudulent data in IOT devices using Machine Learning framework
10		Facial Expression Recognition based Restaurant Scoring System Using Deep Learning
11		Future Methods Of Managing Privacy And Data Security At The Technical AgeCashless Society
12		Implementation of Efficient Biometric-Based Access for Secured Cloud Services
13		Machine Learning Based Solution for an Effective Credit Card Fraud Detection
14		Minimizing the Misinformation in Social Networksusing Heuristic Greedy Algorithm
15	CSE	Image Security using Artificial Neural Networks
16		Facial Expression Recognition based Restaurant Scoring System Using Deep Learning
17		Image-Based Plant Disease Detection by Comparing Deep Learning and Machine Learning Algorithms
18		An Assessment on Cardiovascular Disease Prediction and Diagnosis using Machine Learning Algorithms
19		Using Support Vector Machine for Classification and Feature Extraction of Spam in Email
20		Using Support Vector Machine for Classification and Feature Extraction of Spam in Email
21		Using Support Vector Machine for Classification and Feature Extraction of Spam in Email
22		“Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches”
23		“Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches”
24		“Recognition and Investigation of Covid-19 with Artificial Intelligence and Deep Learning Approaches”
25		“Extraction of Medical Image Features with the Wavelet Transform”,
26		“Extraction of Medical Image Features with the Wavelet Transform”,
27		“Extraction of Medical Image Features with the Wavelet Transform”,
28		Support Vector Machine Classifier For Prediction Of Breast Malignancy Using Wisconsin Breast Cancer Data Set

PUBLICATIONS

29			Smart Waste Management System by using Automated Machine Learning Techniques	
1	CSE(AIML)	PUBLICATIONS	An Application of a Deep Learning Algorithm for Detection of Accidents under bad CCTV Monitoring Conditions in Tunnels using ODTS &R-CNN	6
2			Forewarn Traffic Signal with Ambulance Detection By GPS and Light Standard Signal Using Machine Learning	
3			Human Activity Recognition using CNN and Pretrained Machine Learning Models.	
4			Stock Price Prediction Using Machine Learning	
5			Forewarn Traffic Signal with Ambulance Detection By GPS and Light Standard Signal Using Machine Learning	
6			Minimizing the Misinformation in Social Networks using Heuristic Greedy Algorithm	
1	CSE(DS)	PUBLICATIONS	To Secure Online Monitoring For Digitalized Gis From Cyberattacks Using Iot And Machine Learning Based On Iot And Machine Learning	1
1	IT	PUBLICATIONS	Analysing Reviewer's Credibility and Sentiment to Build A Profile Model for Product Recommendation of User	7
2			Evaluating Descriptive Answer Using Machine Learning And Natural Language Processing	
3			Instagram Filtering Hashtags using the hits Algorithm and Crowd Tagging	
4			Analysing Reviewer's Credibility and Sentiment to Build A Profile Model for Product Recommendation of User	
5			A computer vision system to access autism and its symptoms using AL based technology	
6			Designing cyber insurance policies: the role of pre-screening and security interdependence	
7			Affective Assessment to Address Students' Frustration in ITS	
1	ECE	CONFERENCES	Image Processing Approaches for Oral Cancer Detection in Color Images	4
2			Implementation of health monitoring system using IOT	
3			smart collision avoidance system in autonomous Driving	
4			Python based advanced drowsy driver detection using machine learning algorithm	
<b>PATENT &amp; FDP</b>				
1	ECE	PATENT	Design Of E Cigarette With Vitamin Infusion For Improving Health Of Smokers	4
2			Iot And Cloud Based Agricultural Data Management System And Method For Effective Planting And Breeding (Granted on 21-22)	
3			Application data status intelligent parking system with cost analysis for the customer	

4			AI based smart automated attendance monitoring system using face cognition with wuhan virus security	
1	CSE(DS)	PATENT	Tuberculosis Detection Using Artificial Intelligence (Ai)	3
2	CSE(CS)		Artificial Intelligent System For Predicting The Hard Disk Failure	
3	CSE		A System For Mapping Cancer Common Elements Using Ann & Ai Modules	
1	IT	PATENT	A Computer Vision System To Access Autism And Its Symptomts Using AL Based Tecnology	1
1	ECE	FDP	Applications of Machine Learning for Autonomous futuristic Electric Vehicles	3
2			Challenges in adapting Machine Learning towards 5G/6G Communications	
3			Artificial Intelligent System For Predicting The Hard Disk Failure	
1	CSE	FDP	2 Day Workshop on Cyber Security & Ethical Hacking	1
1	IT	FDP	2 Day Workshop on Basic Hardware Components And Assemblies–IntroductionTo Iot”	1
1	CSE(AI/ML& Data Science)	FDP	FDP on Data Analytics and Machine Learning	1
1	CSE(Data Science)	FDP	FDP on NEW AGE TECHNOLOGIES	4
2	CSE(Internet of Things)			
3	CSE (NETWORKS)			
4	CSE(CYBER SECURITY)			