MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

NAAC Accredited with A+ Grade, NIRF India Rankings 2022 - Band: 251-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

Research & Development Cell

List of Sanctioned Sponsored Research Projects from Inception to 02-03-2024

For AY:2023-24

S. No	Name of the Principal Investigator	Dept.	Funding Agency	Sanctioned Letter Number with date	Project Title
1	MITS	Institute	MSME	No.17(2)/CLCS-TUS/Design-PMAC	MITS-IPFC Center
2	PI: S.Vyshnavi Mentor: ANANDH NAGARAJAN	CSE-AI	MSME	IDEAAP013144	Face Shield Next-Generation Facial Recognition Security System
3	PI: Bandi Thrisha Mentor: N. Mohana Priya	CSE-AI	MSME	IDEAAP013151	BirdScan
4	PI: Kalpana.A Mentor: Karthikram.A	CSE-CS	MSME	IDEAAP013822	AI based scanning system to scan luggages - VEGA
5	PI: Nikitha.T Mentor: Dr. S. V. S Ganga Devi	CSE-CS	MSME	IDEAAP013943	A comprehensive legal assistance application designed to address a wide range of legal challengeswith efficiency and expertise. - DHARMA
6	PI: S PADMAVATHI Mentor: S.Reddi Lakshman	MEC	MSME	IDEAAP014135	DESIGN AND FABRICATION OF THERMOELECTRIC REFRIGERATION SYSTEM TO EXTENDTHE SHELF LIFE OF MUSHROOMS
7	Dr.K.Dinesh	CST	JNTUA-FDP	File No.SCH E..JNTA/167312023-., NTUA-EH E73	Exploring the Quantum Frontier: An In-Depth Investigation of Quantum Computing and its Revolutionary Application
8	PI: Dr. Biraja Prasad Mishra CO-PI: Dr.Dipankar Roy	CE	DST-SERB-CRG	CRG/2023/004601	Static Analysis of Composite Plates using NURBS Augmented Finite Element Method
9	Dr.S. Baskaran	MEC	AICTE-ATAL-FDP	File.No.: 1691410908/AICTE/ATAL/ 2023-24	Substainable Machining for Tomorrow: Machine Learning Based Approach

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10	Dr. Nehru K	ECE	SERB	SSY/2023/001393	Recent Trends and Challenges in VLSI Circuits, Devices and Architectures
11	Dr.S Sreedhar	Physics	SERB-TARE	TAR/2023/000342	Ag-Au nano array microfluidic Lab on chip fabrication for detection of bio samples using Raman Spectroscopy
12	D Nithish Varma	MEC	MSME IDEA HACKATHON 2.0 (Theme Based)	No. 17(2)/ MSME Innovative/PMAC/2021-22 dated:27/06/2023 Ref No. IDEAAP006864	Compact Sustainable Origami based Furniture
13	Satrughan Kumar	ECE	MSME IDEA HACKATHON 2.0 (Theme Based)	No. 17(2)/ MSME Innovative/PMAC/2021-22 dated:27/06/2023 Ref No. IDEAAP005987	An intelligent crowd behavior analysis system in video sequences
14	Bikash Ranjan Behera	ECE	MSME IDEA HACKATHON 2.0 (Theme Based)	No. 17(2)/ MSME Innovative/PMAC/2021-22 dated:27/06/2023 Ref No. IDEAAP006018	AI-Driven Metasurface Based Antenna Designing and its Implementation For RF Energy Harvesting in Medical and Healthcare Applications
15	Dr.K.Arul Kumar	MEC	DRDO-Conference	ERIP/ER/23-24/C/038 dated 01 Aug 2023	Challenges Involving Size, Weight and Power (SWaP) in UAV