



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

For AY:2019-20

S. No	Name of the Principal Investigator	Dept.	Funding Agency	Sanctioned Letter Number with date	Project Title
1	Dr. Uday Krishna Ravella	ME	AICTE - MODROBS	F.No.84-162/RIFD/MODROB/Rural/Policy-1/2019-20 dated 08.01.2019	Materials Science and Engineering Laboratory
2	Dr. Mahaboob Shaik	CSE	AICTE - MODROBS	F.No.84-111/RIFD/MODROB/Rural/Policy-1/2019-20 dated 08.01.2019	Modernization of secured and Intelligent communications systems through Natural Language Processing and Blockchain Technologies
3	Dr. S. Thamizhmanii	ME	AICTE - STTP	Ref. No. 34-65/278/RIFD/STTP/Policy-1/2018-19 dated 21.02.2020	Future Trends in Nanomechanics
4	Dr. Kuppusamy	CSE	AICTE - MODROBS	F.No.9-238 /RIFD/MOD/Policy-1/2018-19 dated 04.12.2019	Modernizing Advanced Computing Laboratory for Artificial Intelligence and Machine Learning applications
5	Dr. Surya Narayana Raju Pakalapati	ME	AICTE - MODROBS	F.No.9-262 /RIFD/MOD/Policy-1/2018-19 dated 04.12.2019	Modernization of lab equipment for fluid mechanics and hydraulics laboratory
6	Dr. Mujahed Ali Mohd	MBA	AICTE - Samriddhi	F.No.73-9/RIFD/Samriddhi/Policy-1/2018-19	Empowering Socially Challenged Youth of Rural India Through Entrepreneurship
7	P.I - Dr.Srijan Sengupta, Co PI - Dr.PBN Prasad, Co PI - Dr.Harikrishna	ME, Physics	DST - SERB - CRG	File Number: CRG/2019/001440 dated:14.12.2019	Novel in-situ volume contractible metal halide negative electrodes for high performance lithium-ion batteries
8	P.I Dr. Shanidul Hoque	ECE	DST - SERB - SRG	File Number: SRG/2019/001744 dated:29.10.2019	Mobility Aware Spectrum Handoff Schemes under Heterogeneous Spectrum Environment (HetSE) in Cognitive Radio (CR) Cellular Network: Modeling and Simulation



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9	P.I Dr. Chakkarapani M	EEE	DST - SERB - SRG	File Number: SRG/2019/002288 dated:24.10.2019	An Effective Technique to Detect PV Array Faults and Predict the Lifetime of PV Modules in a Commercial PV Plant
10	P.I:Dr.Venkat Prasad Padhy	CSE	ISRO - RESPOND	Ref No. ISRO/RES/2/428/19-20 dated 18.06.2019; S.O dated: 15.07.2019	Computational Electromagnetic (CEM) Modelling and Simulations for Remote Sensing by GNSS – Reflectometry Technique