

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

REPUTED PUBLICATIONS

Academic Year: 2023-24

Name	Dept.	Publication details	IF and Publisher
Vijayakumar Natesan et al.	CE	"Numerical investigation of cold formed steel sleeve connection for channel sections subjected to combined bending and shear". <i>Journal of Constructional Steel Research</i> , 217, p.108588.	4 (Elsevier)
Damodhar, T.B et al.	EEE	"A mutual certificate-based data privacy scheme for ubiquitous and sustainable computing system users". <i>Sustainable Energy Technologies and Assessments</i> , 58, p.103356.	7.1 (Elsevier)
S. Baskaran et al.	MECH	"Identification of tool wear and surface morphology measurements in sustainable milling of Al 6082 hybrid metal matrix composite". <i>Journal of Materials Research and Technology</i> , 27, pp.7570-7581.	6.2 (Elsevier)
Rakesh Nath Tiwari et al.	ECE	"Dual-Band MIMO Antenna Data Telemetry for Dual-Chamber Leadless Cardiac Pacing on Internet of Things Environment". <i>IEEE Internet of Things Journal</i> .	8.2 (IEEE)
Mohan M et al.	CSE	"Hybrid deep learning enabled breast cancer detection using mammogram images". <i>Biomedical Signal Processing and Control</i> , 95, p.106310.	4.9 (Elsevier)
Manikandan Rajagopal et al.	CST	"An Integration of Digital Twin and 6G Edge Computing Approach to Secure Cyber Physical Systems". <i>Wireless Personal Communications</i> , pp.1-17.	1.9(Springer)
K. V. Narasimha Murthy et al.	MATHS	"Characterization and prediction of southwest monsoon rainfall patterns in Central India as a linear state space modeling". <i>Natural Hazards</i> , 120(3), pp.2553-2569.	3.3 (Springer)
Chandrasekar Perumalveeramalai et al.	PHYSICS	"Monolithically grown CSPbBr ₃ by chemical vapor deposition for Self-Powered photodetector". <i>Chemical Engineering Journal</i> , 492, p.152213.	13.3 (Elsevier)
Chikkili Venkateswara Raju et al.	CHEMISTRY	"Simultaneous electrochemical detection of dopamine and uric acid based on tri-composite of poly-pyrrole and α -Fe ₂ O ₃ embedded MoS ₂ sheets modified electrode". <i>Microchemical Journal</i> , 198, p.110189.	4.9 (Elsevier)

Academic Year: 2022-23

Name	Dept.	Publication details	IF and Publisher
Roy D et al.	CIVIL	"Impact of temperature and precipitation lapse rate on hydrological modelling over Himalayan Gandak River Basin". <i>Journal of Mountain Science</i> , 19(12), pp.3487-3502.	2.3 (Springer)
K Lakshmikhandan et al.	EEE	"A hybrid technique for grid-connected solar-wind hybrid system with electric vehicles". <i>Energy & Environment</i> , 35(5), pp.2753-2789.	4.0 (SAGE)
Satyajit Pattanayak et al.	MECH	"Optimizing pyrolysis process parameters of plastic grocery bag, with mass-energy assessment and characterization of oil at optimal condition". <i>Clean Technologies and Environmental Policy</i> , 24(6), pp.1927-1944.	4.2 (Springer)
M. Velumani et al.	ECE	"A bilayer SnO ₂ /MoS ₂ -coated evanescent wave fiber optic sensor for acetone detection—an experimental study". <i>Biosensors</i> , 12(9), p.734.	4.9 (MDPI)
P. V. Venkateswara Rao et al.	CSE	"Secure authentication and key management protocol for deployment of internet of vehicles (IoV) concerning intelligent transport systems". <i>IEEE Transactions on Intelligent Transportation Systems</i> , 23(12), pp.24698-24713.	7.9 (IEEE)
U. Padmavathi et al.	CSE-AI	"AE-LEACH: an incremental clustering approach for reducing the energy consumption in WSN". <i>Microprocessors and Microsystems</i> , 93, p.104602.	1.9 (Elsevier)
Rajakumar Ramalingam et al.	CST	"Routing protocol for MANET based on QoS-aware service composition with dynamic secured broker selection". <i>Electronics</i> , 11(17), p.2637.	2.6 (MDPI)
Ahsan Mahboob et al.	Mathematics	"On new filters in ordered semigroups". <i>Symmetry</i> , 14(8), p.1564.	2.7 (MDPI)
V.K. Verma et al.	PHYSICS	"Effect of Cr-substitution on vanadium dioxide thin films studied by soft X-ray magnetic circular dichroism". <i>Journal of Alloys and Compounds</i> , 918, p.165515.	5.8 (Elsevier)
Sumanta Sahoo et al.	CHEMISTRY	"Animal-and human-inspired nanostructures as supercapacitor electrode materials: a review". <i>Nano-Micro Lett.</i> 14, 199 (2022) [online]	31.6 (Springer)
K. Chokkanathan et al.	MCA	"Hybridization of mean shift clustering and deep packet inspected classification for network traffic analysis". <i>Wireless Personal Communications</i> , pp.1-17.	1.9 (Springer)