



# AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

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 Recognized by UGC under 2(D & 12(B)) of 1956 Act.  
 ISO 9001:2015 Certified Institution, Accredited by NAAC "A" Grade.  
 Partula, Kancheepuram, Krishna Dist, Andhra Pradesh- 521180.  
 www.amrita-sai.org, Phone: 0866 2428399.



## 3.4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

### ACADEMIC YEAR: 2022-23

S.No	Title of Paper	Name of the author/s	Department of Teacher	Name of the Journal	Year of Publication	ISSN Number	Link to the recognition in UGC entisment of the Journal		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	A Machine Learning-Based Technique for Music Genre Detection and Categorization	Dr Paramanand Prabhata	CSE	Journal of optoelectronics Laser	Jun-22	1005-0086	<a href="http://gdzjg.org/index.php/JOL/article/view/484">http://gdzjg.org/index.php/JOL/article/view/484</a>	<a href="http://gdzjg.org/index.php/JOL/article/view/484">http://gdzjg.org/index.php/JOL/article/view/484</a>	YES
2	Brain Tumor Detection Using Convolutional Neural Network	Mrs. M. Prameela	CSE	International Journal for Research Trends and Innovation	Jul-22	2456-3315	<a href="https://jirti.org/viewpaperforall.php?paper=JIR12211032">https://jirti.org/viewpaperforall.php?paper=JIR12211032</a>	<a href="https://jirti.org/viewpaperforall.php?paper=JIR12211032">https://jirti.org/viewpaperforall.php?paper=JIR12211032</a>	YES
3	E-Voting system using Blockchain Technology	Dr.G. Vijay Kumar	CSE	International Journal for Research Trends and Innovation	Jul-22	2456-3315	<a href="https://www.jirti.org/papers/JIR12212072.pdf">https://www.jirti.org/papers/JIR12212072.pdf</a>	<a href="https://www.jirti.org/papers/JIR12212072.pdf">https://www.jirti.org/papers/JIR12212072.pdf</a>	YES
4	Physical Activity Recommendation System Based on Deep Learning to Prevent Respiratory Diseases	M. Sreedevi	CSE	MDPI-COMPUTERS	Oct-22	11100150	<a href="https://www.mdpi.com/2073-431X/11/10/150">https://www.mdpi.com/2073-431X/11/10/150</a>	<a href="https://www.mdpi.com/2073-431X/11/10/150">https://www.mdpi.com/2073-431X/11/10/150</a>	YES
5	Agricultural Data Analysis using Machine Learning Algorithms	M. Sreedevi	CSE	International Journal for Research Trends and Innovation	Nov-22	2456-3315	<a href="https://www.jirti.org/papers/JIR12211033.pdf">https://www.jirti.org/papers/JIR12211033.pdf</a>	<a href="https://www.jirti.org/papers/JIR12211033.pdf">https://www.jirti.org/papers/JIR12211033.pdf</a>	YES
6	Analysis of fake news detection algorithms in machine learning	Mr. K Subhash Chandra	CSE	Journal - IJRTI	Nov-22	ISSN: 2456-3315	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES
7	Identification of bird species using deep learning	Mr. Pramay Teja Somjoju	CSE	Journal - IJRTI	Nov-22	ISSN: 2456-3315	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES
8	Identification of bird species using deep learning	Mr. Enapakurthi Sateesh	CSE	Journal - IJRTI	Nov-22	ISSN: 2456-3315	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES
9	Low cost open source IoT Based SCADA System for a BTS Site using ESP32	Mrs. G Latha	ECE	International Journal of Analytical and Experimental Modal Analysis	Nov-22	0886-9367	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES
10	DETECTING AND TRACKING: ASSESSMENT OF WELL-ORGANIZED POSES IN VIDEOS DYNAMICALLY	Dr. PARMANAND PRABHAT	CSE	The Seabold report		1533-9211	<a href="https://admin369.sebholdreport.org/file/17109A140-BxFa3NSm42177C7.pdf">https://admin369.sebholdreport.org/file/17109A140-BxFa3NSm42177C7.pdf</a>	<a href="https://admin369.sebholdreport.org/file/17109A140-BxFa3NSm42177C7.pdf">https://admin369.sebholdreport.org/file/17109A140-BxFa3NSm42177C7.pdf</a>	YES
11	A Meta Heuristic Multi-View Data Analysis Over Unconditional Labeled Material: An Intelligence OcmhamCV	M. Sreedevi	CSE	Scalable Computing 2022	Dec-22		<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES
12	An enhanced loss function in deep learning model to predict PM2.5 in India	M. Sreedevi	CSE	Intelligent Decision Technologies	Dec-22		<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	<a href="https://www.jirti.org/papers/JIR122110125.pdf">Paper Title (use style: paper title) (jirti.org)</a>	YES



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							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
13	Implementation of soil moisture monitoring system and value prediction using machine learning	Dr.G.Vijay Kumar	CSE	Journal for Basic Sciences	Dec-22	ISSN: 1006-8341	Microsoft Word - 25-JBS1662 (fzpxjckxb.com)	Microsoft Word - 25-JBS1662 (fzpxjckxb.com)	YES
14	Two Stage OTA with All Subthreshold MOSFET and Optimum GBW to DC Current Ratio	Mr. K Chandra Rao	ECE	International Journal for Interdisciplinary Sciences and Engineering Applications	Dec-22	ISSN: 2582 - 6379	Two Stage OTA with All Subthreshold MOSFET and Optimum GBW to DC Current Ratio.pdf (jiisa.org)	Two Stage OTA with All Subthreshold MOSFET and Optimum GBW to DC Current Ratio.pdf (jiisa.org)	YES
15	Fast Binary Counters and Compressors generated by Sorting	Mrs. G Latha	ECE	Journal of Applied Science and Computations	Dec-22	1076-5131	Water   Free Full-Text   Hybridizing Artificial Intelligence Algorithms for Forecasting of Sediment Load with Multi-Objective Optimization (indbi.com)	Water   Free Full-Text   Hybridizing Artificial Intelligence Algorithms for Forecasting of Sediment Load with Multi-Objective Optimization (indbi.com)	YES
16	Hybridizing Artificial Intelligence Algorithms for Forecasting of Sediment Load with Multi-objective Optimization	Dr.G.Vijay Kumar	CSE	Water	Jan-23		Water   Free Full-Text   Hybridizing Artificial Intelligence Algorithms for Forecasting of Sediment Load with Multi-Objective Optimization (indbi.com)	Water   Free Full-Text   Hybridizing Artificial Intelligence Algorithms for Forecasting of Sediment Load with Multi-Objective Optimization (indbi.com)	YES
17	Throng Sway- Crowd Detection To Prevent Covid-19 Using Unmanned Aerial Vehicle	Dr.G.Vijay Kumar	CSE	Strad Research	Feb-23	ISSN: 0039-2049	20-Feb-4640.pdf - Google Drive	20-Feb-4640.pdf - Google Drive	YES
18	An Optimal Machine Learning model based on selective reinforced markov decision to predict web browsing patterns	Dr.G.Vijay Kumar	CSE	Journal of Theoretical and Applied Information Technology	Feb-23	E-ISSN: 1817-3195 ISSN: 1992-8645	(PDP) AN OPTIMAL MACHINE LEARNING MODEL BASED ON SELECTIVE REINFORCED MARKOV DECISION TO PREDICT WEB BROWSING PATTERNS (researchgate.net)	(PDP) AN OPTIMAL MACHINE LEARNING MODEL BASED ON SELECTIVE REINFORCED MARKOV DECISION TO PREDICT WEB BROWSING PATTERNS (researchgate.net)	YES
19	Parkinson's disease detection using modified ResNext deep learning model from brain MRI Images	Dr. V Ramesh Babu	ECE	Soft Computing	May-23	Print ISSN: 1432-7643 Online ISSN: 1433-7479	Parkinson's disease detection using modified ResNext deep learning model from brain MRI images   SpringerLink	Parkinson's disease detection using modified ResNext deep learning model from brain MRI images   SpringerLink	YES
20*	Power Quality Enhancement of Wind and Battery Storage Systems Using Three Phase Inverter	P ANKAMA RAO	EEE	IJARST	Oct-22	ISSN:2457-0362 (11-09)			
21	Enhancement of Solar Photovoltaic-Battery and Diesel Generator Based Electric Vehicle Charging Station	T SUHASINI	EEE	IJARST	Oct-22	ISSN:2457-0362 (26-38)			
22	Intelligent Control Based Cascaded Multiport Converter for SRM Based Hybrid Electrical Vehicles	T SUHASINI	EEE	IJARST	Oct-22	ISSN:2457-0362 (10-15)			
23	Fuzzy Logic Control Based Wind-PV Cogeneration Using Back-to-Back Voltage Source Converters	P.VENKATESWARA RAO	EEE	IJARST	Oct-22	ISSN:2457-0362 (16-25)			



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							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
24	Power Quality Enhancement of Wind Turbines Under Unbalanced Voltage Conditions using A Sliding Mode Approach	CH CHINNA VEERALA	EBE	IJARST	Oct-22	ISSN:2457-0362 (70-82)			
25	Improved Genetic Gaussian Adaptive Approach using ML for PAPR Reduction in 6G Applications	Mr. B. Rama Rao	ECE	Journal of Tianjin University Science and Technology	2022	Online ISSN: 0493-2137	doi:10.1717605/osf.io/mv8xu	DOI:10.17605/OSF.IO/MV8XU	
26	A generalized model for identifying fake digital images through the application of deep learning	Dr P Chitrajevi	CSE	Conference – ICESC 2022	Aug-22		A Generalized Model for Identifying Fake Digital Images through the Application of Deep Learning   IEEE Conference Publication   IEEE Xplore	A Generalized Model for Identifying Fake Digital Images through the Application of Deep Learning   IEEE Conference Publication   IEEE Xplore	YES
27	Proximity: An Automatic Approach for Defect Detection and Depth Estimation in Infrared Non-destructive Testing	Dr. A. Vijaya Lakshmi	ECE	Advances in Non Destructive Evaluation			<a href="https://doi.org/10.1007/978-981-16-9093-8_8">https://doi.org/10.1007/978-981-16-9093-8_8</a>	<a href="https://doi.org/10.1007/978-981-16-9093-8_8">https://doi.org/10.1007/978-981-16-9093-8_8</a>	YES

IQAC Coordinator

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