



AMRITA SAI INSTITUTE OF SCIENCE & TECHNOLOGY

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Approved by AICTE, New Delhi, Permenently Affiliated to JNTUK, Kakinada,
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Partala, Kanchikacherla, Krishna Dist, Andhra Pradesh- 521180.
www.amritasai.org.in, 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

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 enlistment of the Journal		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
ACADEMIC YEAR: 2021-22									
1	Cop Enhancement of Vapour Compression Refrigeration System	Mr. B Satramkrishna	MECH	Indian Journal of Production and Thermal Engineering (IJPTE)	Jun-21	2582-8029	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	YES
2	Cop Enhancement of Vapour Compression Refrigeration System	Mr. T Gopala Rao,	MECH	Indian Journal of Production and Thermal Engineering (IJPTE)	Jun-21	2582-8029	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	YES
3	Cop Enhancement of Vapour Compression Refrigeration System	Mr. N Rama Krishna	MECH	Indian Journal of Production and Thermal Engineering (IJPTE)	Jun-21	2582-8029	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	https://www.ijpte.latticescipub.com/wp-content/uploads/papers/v112/B2004041221.pdf	YES
4	A Digital Record for Privacy and Security in Internet of Things	Dr. K. Sai Manoj	CSE	International Journal of Scientific Research in Science, Engineering and Technology	Jul-21	2395-1990	https://doi.org/10.32628/IJSRSE171822	https://doi.org/10.32628/IJSRSE171822	YES
5	Developing a Systematic Blockchain System for Security and Privacy Management in IoT	Dr. K. Sai Manoj	CSE	Nat. Volatiles & Essent. Oils	Jul-21	7851-7867	https://www.nveo.org/index.php/journal/article/view/2081/1827	https://www.nveo.org/index.php/journal/article/view/2081/1827	YES
6	Impact of Plug-In Electric Vehicles Integrated into Power Distribution System Based Dynamic Voltage Restorer with Ultra Capacitor	Mr. Kommaravaru Sabari Nath	EEE	International Journal for Modern Trends in Science and Technology	Aug-21	2455-3778	http://www.ijmst.com/volume7/issue08/25.IJMTST10708050.pdf	http://www.ijmst.com/volume7/issue08/25.IJMTST10708050.pdf	YES
7	Minimization of Unbalanced voltage in Low Voltage Micro grid Using Voltage Compensator with Advanced FOPID Controller	Dr. Ch Chinna Veeratah	EEE	Journal of Engineering Sciences	Aug-21	0377-9254	https://espublication.com/upload/2021-V1218035.pdf	https://espublication.com/upload/2021-V1218035.pdf	YES
8	Boost Converter For DC Machine and BLDC Machine For Based Electrical Vehicle	Mr. P. Venkateswara Rao	EEE	International Journal for advanced research in science and technology	Aug-21	2581-4575	https://www.ijarst.in/public/uploads/paper/214841629269915.pdf	https://www.ijarst.in/public/uploads/paper/214841629269915.pdf	YES
9	Comparative Study of Fault Ride Through Capability For Convention And PV Fed UPQC With Improved Power Quality Features	CH. CHINNA VEERALAH	EEE	IJARST	Aug-21	2581 - 4575	https://www.ijarst.in/public/uploads/paper/623061629269992.pdf	https://www.ijarst.in/public/uploads/paper/623061629269992.pdf	YES
10	Simulation of UPQC Based Power Quality Improvement Method In Hybrid Power System	Mr. P. Venkateswara Rao	EEE	Journal of Engineering Sciences	Aug-21	0377-9254	https://espublication.com/upload/2021-V1218036.pdf	https://espublication.com/upload/2021-V1218036.pdf	YES



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11	Behaviour of M50 Grade Self Compacting Concrete by Partial Replacement of Portland Slag Cement with Metakaolin	Mr. S Gopalakrishna	Civil	International Journal of Scientific Research and Engineering Development	Nov-Dec 2021	2381-7175	http://www.ijsred.com/volume4/issue6/IJSRED-V4I6P94.pdf	http://www.ijsred.com/volume4/issue6/IJSRED-V4I6P94.pdf	YES
12	Behaviour of M50 Grade Self Compacting Concrete by Partial Replacement of Portland Slag Cement with Metakaolin	Mr. B Koteswara Rao	Civil	International Journal of Scientific Research and Engineering Development	Nov-Dec 2021	2381-7175	http://www.ijsred.com/volume4/issue6/IJSRED-V4I6P94.pdf	http://www.ijsred.com/volume4/issue6/IJSRED-V4I6P94.pdf	YES
13	A META HEURISTIC MULTI-VIEW UNCONDITIONAL LABELED MATERIAL: AN INTELLIGENCE OCMHAMCV	M. Sreedevi	CSE	Scalable Computing: Practice and Experience	Apr-22	1895-1767	https://www.scpe.org/index.php/sepe/article/view/2030	https://www.scpe.org/index.php/sepe/article/view/2030	YES
14	Implementation of Soil Moisture Monitoring System and Value Prediction Using Machine Learning	G. Vijay Kumar	CSE	Journal For Basic Sciences	Dec-22	1006-8341	https://fzgyjckxsb.com/wp-content/uploads/2022/12/25-JBS1662.pdf	https://fzgyjckxsb.com/wp-content/uploads/2022/12/25-JBS1662.pdf	YES
15	Convolution Neural Networks Based Automatic Subsurface Anomaly Detection and Characterization in Quadratic Frequency Modulated Thermal Wave Imaging	Dr. A. Vijaya Lakshmi	ECE	SN Computer Science Springer Journal	Apr-22		https://www.springerlink.com/content/10.1007/s11464-022-10000-1	https://www.springerlink.com/content/10.1007/s11464-022-10000-1	YES
16	A New Hybrid Protocol for Ad Hoc Mobile Wireless Sensor Networks	Mr. B Balaji	ECE	Journal of Interdisciplinary Cycle Research	Aug-21	ISSN: 0022-1945			YES
17	Mobile Data Gathering Wireless Body Sensor Network	Mr. B Balaji	ECE	International Journal of Analytical and Experimental Modal Analysis	Nov-21	ISSN: 0886-9367			YES
18	Development of Audio driver through ASIC implementation of FFT Engine	Mrs. G Latha	ECE	International Journal for Interdisciplinary Sciences and Engineering Applications	Oct-21	ISSN: 2582 - 6379	https://www.globejournal.com/volume4/issue6/IJISAE-V4I6P94.pdf	https://www.globejournal.com/volume4/issue6/IJISAE-V4I6P94.pdf	YES
19	Accumulator Based 3 Weight Pattern Generation for Complex Large Scale Integration Packages	Mrs. G Latha	ECE	International Journal for Interdisciplinary Sciences and Engineering Applications	Dec-21	ISSN: 2582 - 6379	https://www.globejournal.com/volume4/issue6/IJISAE-V4I6P94.pdf	https://www.globejournal.com/volume4/issue6/IJISAE-V4I6P94.pdf	YES
20	Problems Faced by Service Software and Procedures to Conquer it	Dr. K. Sai Manoj	CSE	Journal of Algebraic Statistics	2022	ISSN: 1309-3452	https://www.jasjournal.com/volume4/issue6/IJAS-V4I6P94.pdf	https://www.jasjournal.com/volume4/issue6/IJAS-V4I6P94.pdf	YES



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							Link to website of the Journal	Link to article / paper / abstract of the article	
21	Problems Faced by Service Software and Procedures to Conquer it	Dr. K. Phani Srinivas	ECE	Journal of Algebraic Statistics	2022	ISSN: 1309-3452	View of Problems Faced By Service Software and Procedures to Conquer It (publishon.com)	View of Problems Faced By Service Software and Procedures to Conquer It (publishon.com)	YES
22	A Comparative study of Isolated and Non Isolated based Electric Vehicle in MAATLAB	Mrs. T. Sulhasini	EEE	International Journal for Advanced Research in Science and Technology	Aug-21	ISSN: 2457-0362			
23	An Experimental Study on Effect of Bottom Ash as partial Replacement of Sand on Properties of Concrete	Mr. B. Koteswara Rao	Civil	International Journal of Scientific Research and Engineering Development	Feb-22	ISSN: 2581-7175			
24	A Thermographic System for Quantitative and Automated Subsurface Detail Visualization	Dr.A. Vijaya Lakshmi	ECE	Advances in Non Destructive Evaluation	Jun-21		A Thermographic System for Quantitative and Automated Subsurface Detail Visualization SpringerLink	A Thermographic System for Quantitative and Automated Subsurface Detail Visualization SpringerLink	YES
25	Automatic Defect Detection and Depth Visualization in Mild Steel Sample using Quadratic Frequency Modulated Thermal Wave Imaging	Dr.A. Vijaya Lakshmi	ECE	ICMAICT 2020	2021	1804 012173	Automatic Defect Detection and Depth Visualization in Mild Steel Sample Using Quadratic Frequency Modulated Thermal Wave Imaging - IOPscience	Automatic Defect Detection and Depth Visualization in Mild Steel Sample Using Quadratic Frequency Modulated Thermal Wave Imaging - IOPscience	YES
26	Deep Learning in Quadratic Frequency Modulated Thermal Wave Imaging for Automatic Defect Detection	Dr-A. Vijaya Lakshmi	ECE	MAI 2021	Nov-21		Deep Learning in Quadratic Frequency Modulated Thermal Wave Imaging for Automatic Defect Detection SpringerLink	Deep Learning in Quadratic Frequency Modulated Thermal Wave Imaging for Automatic Defect Detection SpringerLink	YES
27	Analyze the DGS Antenna Structure	Dr. Samiran Chatterjee	ECE	International Conference on Communication, Devices and Computing	Feb-22	ISSN 1876-1100 e-ISSN 1876-1119	https://doi.org/10.1007/978-981-16-9154-6_53	https://doi.org/10.1007/978-981-16-9154-6_53	YES
28	Design of Fork Antenna	Dr. Samiran Chatterjee	ECE	International Conference on Communication, Devices and Computing	Feb-22	ISSN 1876-1100 * e-ISSN 1876-1119	https://doi.org/10.1007/978-981-16-9154-6_58	https://doi.org/10.1007/978-981-16-9154-6_58	YES
29	Design of Wilkinson Power Divider	Dr. Samiran Chatterjee	ECE	International Conference on Communication, Devices and Computing	Feb-22	ISSN 1876-1100 e-ISSN 1876-1119	https://doi.org/10.1007/978-981-16-9154-6_59	https://doi.org/10.1007/978-981-16-9154-6_59	YES
30	Analyze different types of connector for Design of MSA	Dr. Samiran Chatterjee	ECE	International Conference on Communication, Devices and Computing	Feb-22	ISSN 1876-1100 e-ISSN 1876-1119	https://doi.org/10.1007/978-981-16-9154-6_61	https://doi.org/10.1007/978-981-16-9154-6_61	YES
31	Design of Microstrip Antenna for Microwave Communication	Dr. Samiran Chatterjee	ECE	International Conference on Communication, Devices and Computing	Aug-21				YES