

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author (s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
Sudheer Kumar Reddy Bijivemula, Soma Jagadish Sai, Akhilesh Chepuri	Civil Engineering	A structural equation model of stakeholder roles in the implementation of green construction strategies in the Indian construction industry	International Journal of Construction Management	2023	1562-3599	https://www.tandfonline.com/doi/full/10.1080/15623599.2023.2179568
Gadikota Chennakesava Reddy and K Hemanth KumarReddy	Civil engineering	Strength and Durability Studies of Geo-Polymer Concrete in the presence of Marine Water	IOP Conf. Series: Earth and Environmental Science	2023	1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/1280/1/012022/meta
V. Giridhar	Civil engineering	Performance of Strength and Modulaii Charaxteristics of Ceramic Waste Aggregate Concrete (CWAC)	Key Engineering Materials	2023	1662-9795	https://www.scientific.net/KEM.961.95
Y. Dasthagir, S. Mohammad, S. Pavan Kumar Reddy, B. Avinash Kumar, K. Konda Reddy	Civil engineering	Partially Replacement of Coarse and Fine Aggregate with Ceramic Tile Waste and Nano Silica	International Journal of Advances in Engineering and Management (IJAEM)	2023	2395-5252	https://ijaem.net/issue_dcp/Partially%20Replacement%20of%20Coarse%20and%20Fine%20Aggregate%20with%20Ceramic%20Tile%20Waste%20and%20Nano%20Silica.pdf

Y. Dasthagir	Civil engineering	Effect of Dolichos LabLab and Alum Coagulants for waste water treatment	Journal of Engineering Science	2023	0377-9254	https://jespublication.com/uploads/2023-V14I6094.pdf
V. Giridhar	Civil engineering	An investigation into the Behaviour of Concret through partial replacemnt of fine aggregate with scrapping powder made of poly-ethelyne tetrethalate (PET)	Journal of Emerging Technologies and innovative research	2024	2349-5162	https://www.jetir.org/papers/JETIR2405937.pdf
Y. Dasthagir	Civil engineering	Experimental Investigation on self curing of concrete with poly ethylene glycole (PEG-4000)	Journal of Emerging Technologies and innovative research	2024	2349-5162	
T. Kiran Kumar	Civil Engineering	A Startegic Water Supply Design to Kadapa Town from Gurrangumppu Reserviour	Ecology Environment and Conservation	2023	0971-765X	https://www.envirobiotechjournals.com/EEC/Vol29NovSupplIssue2023/EEC-22.pdf
Komma Hemanth Kumar Reddy	Civil Engineering	Engineered Geoploymer Composites a Comphernsive state of the art Review on Materials Prespective	Archieves of Civil and Mechanical Engineering	2024	1644-9665	https://link.springer.com/article/10.1007/s43452-024-01007-3
Komma Hemanth Kumar Reddy	Civil Engineering	Influence of Steel Slag on Strength and Microstructural Characteristics of fly ash based Geopolymer Concrete	Mutiscale and Multidisiplinaty Model, Experiments and Design	2024	2520-8179	https://link.springer.com/article/10.1007/s41939-024-00541-0

Dr. Md. Mahaboob Pasha	ECE	Intelligent deep learning aided future beam and proactive handoff prediction model in unmanned aerial vehicle assisted anti-jamming Terahertz communication system	International journal of communication systems	23-Jul	1074-5351	https://onlinelibrary.wiley.com/journal/10991131
Dr.D. Arun Kumar	ECE	Gri-CNN:Granulated group learning model with Interpretable Architecture for remote sensing image classification	IEEE transactions on Geoscience and Remote sensing	2024	1558-0644	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=36
Dr.P.Sonu Kumar	ECE	A Review on Environmental Parameters Monitoring Systems for Power Generation Estimation from Renewable Energy	BioNanoScience	25-03-2024		Home BioNanoScience (springer.com)
Dr SL Prathapa Reddy	ECE	Pointer Based Qos Enabled Mobility Management Algorithms For Wireless Mesh Networks	Journal of Research Administration	2023	1539-1590	journal of research administration
Dr SL Prathapa Reddy	ECE	Efficient Non-Degradable Waste Processing Technologies Integrated with Manets for Sustainable Waste Management Models	Journal of Environmental Protection and Ecology	2024	1311-5065	Journal of Environmental Protection and Ecology - null (scibulcom.net)

RPVG Ashok Reddy	ECE	Sand Dust Image Enhancement and Infrared Strip Noise Removal by Anisotropic Guided Filter	Alochana Journal	2024	2231-6329	Alochana Journal – Ugc Care List Group – I Journal (ISSN No : 2231-6329)
Dr Syed Zahiruddin	ECE	A Novel Dual Output Schmitt Trigger Using Single Current Amplifier	Industrial Engineering Journal	2024	0970-2555	http://www.journal-iiie-india.com/1_may_24/91_online_may.pdf
Dr Syed Zahiruddin	ECE	High CMRR Voltage Mode Instrumentation Amplifier Using a new CMOS Second Generation Current Conveyor Realization	Journal of Nonlinear Analysis and Optimization	2024	1906-9685	https://jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/152.15.pdf
Dr Syed Zahiruddin	ECE	Design and Comparative Analysis of 6T SRAM Bitcell using 45nm, 90nm and 180nm Technology	Journal of Basic Science and Engineering	2024	1005-0930	
M.S. Priyadarshini	EEE	Perception of power quality disturbances using fourier, short-time fourier, continuous and discrete wavelet transforms	Scientific reports	2024	2045-2322	https://www.nature.com/srep/
C. Kumar reddy	EEE	Design of triple tuned passive harmonic power filter- A novel approach	IEEE Canadian journal of electrical and computer Engineering	2023	2694-1783	http://journal.ieee.ca/en/aboutcjece/index.html

Saleha Tabassum	EEE	Hybrid Smart Microgrid System Modelling, Design and Control Using an Adaptive Neuro Fuzzy Inference System	3rd International Conference on Emerging Frontiers in Electrical and Electronic Technologies	2023	979-8-3503-0740-5	https://ieeexplore.ieee.org/document/10452232
M.S. Priyadarshini	EEE	IoT Platform-Based Prototype Model of an Adaptive and Intelligent Traffic Lighting System	4th IEEE Global Conference for Advancement in Technology (GCAT)	2023	979-8-3503-0526-5	https://ieeexplore.ieee.org/abstract/document/10353407
M.S. Priyadarshini , M. Bhaskar Reddy	EEE	Continuous wavelet transform based visualization of transient and short duration voltage variations	4th IEEE Global Conference for Advancement in Technology (GCAT)	2023	979-8-3503-0526-6	https://ieeexplore.ieee.org/abstract/document/10353457
K. Kalyan kumar	EEE	Application of modified flow direction algorithm for network reconfiguration with distributed generator installation	journal of engineering science and technology review	2024	1791-2377	http://jestr.org/
K. Kalyan kumar	EEE	Experemental analysis of weather monitoring system using NodeMCU and Thingspeak	Industrial Engineering Journal	2024	0970-2555	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList
M.S. Priyadarshini	EEE	wavelet transform based statistical feature extraction of power quality disturbances	AIP Conference proceedings	2023	978-0-7354-4646-5	https://pubs.aip.org/aip/acp

T. Mariprasath	EEE	A novel on high voltage gain boost converter with cuckoo search optimization based MPPT Controller for solar PV system	Scientific reports	2024	2045-2322	https://www.nature.com/srep/
C. Kumar reddy	EEE	Solar Powered Thermoelectric Air Conditioning for Temperature Control in Poultry Incubators	Sustainability	2024		https://www.mdpi.com/journal/sustainability
C. Kumar reddy	EEE	Efficient Power conversion in single-phase grid-connected PV systems through a Nine-level Inverter	International conference on Trends in Electrical, Electronics and Computer Engineering (ICTEECCON)	2023	979-8-3503-3994-9	https://ieeexplore.ieee.org/document/10335776
Dr..I.Sreevani, Dr. D.Mallikarjuna Reddy, Dr.K. Venkata Ramana	H&S	Synthesis of new Schiff's bases in aqueous medium under ultrasonication method	Journal of Technology	28th, October , 2023	1012-3407	https://journaloftechnology.org/
G. Radha	H&S	Enhancing Student Performance through Adaptive Knowledge Assessment: A Bayesian Optimization Approach	IEEE	1st January,2024		https://ieeexplore.ieee.org/Xplore/home.jsp
G. Radha	H&S	Three Dimensional Casson nanofluid Flow with Convective Boundary Layer via Stretching Sheet	Journal of Advanced Zoology	20th October,2023	0253-7214	http://jazindia.com/index.php/jaz/issue/archive

G. Radha	H&S	Thermal radiation and heat generation on three-dimensional Casson fluid motion via porous stretching surface with variable thermal conductivity	Open Physics	30th, November, 2023	2391-5471	https://www.degruyter.com/journal/key/physics/html?lang=en
I.Sreevani	H&S	Enhanced Solar Light-Driven Photocatalytic Degradation of Tetracycline Using Fe ³⁺ -Doped CdO/ZnS Nanocomposite: Mechanistic Insights and Performance Evaluation	MDPI Journal Catalysts	21-Sep-23	2073-4344	https://www.mdpi.com/2073-4344/13/9/1312
K.Khasimpeera	H&S	A study on pre-merger and post-merger financial performance of canara bank	Journal of Basic sciences	19th, December, 2023	1006-8341	https://fzgjckxxb.com/
P Naresh Kumar Reddy	H&S	Surface properties enhancements by optimizing synthesizing parameters of AA8026+ Zr2O3/TiO2 hybrid composite	Journal of King Saud University-Science	24th May, 2024	1018-3647	https://www.sciencedirect.com/science/article/pii/S1018364724001782

R.Joyce Stella	H&S	Enhanced Solar Light-Driven Photocatalytic Degradation of Tetracycline Using Fe ³⁺ -Doped CdO/ZnS Nanocomposite: Mechanistic Insights and Performance Evaluation	MDPI Journal Catalysts	21-Sep-23	2073-4344	https://www.mdpi.com/2073-4344/13/9/1312
Ramachandra Reddy Vaddemani	H&S	Heat and Mass Transfer Characteristics of Mixed Convection MHD Flow with the Impacts of Hall Current and Diffusion Thermo in the Presence of Brownian Motion and Thermophoresis	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	15th March, 2024	2289-7879	https://semarakilmu.com.my/journals/index.php/fluid_mechanics_thermal_sciences
Ramachandra Reddy Vaddemani	H&S	Unsteady magneto-hydro-dynamics flow of Jeffrey fluid through porous media with thermal radiation, Hall current and Soret effects	Journal of Magnetism and Magnetic Materials	13th July 2023	0304-8853	https://www.sciencedirect.com/journal/journal-of-magnetism-and-magnetic-materials

Venkata Ramana Katla	H&S	Synthesis, Spectral Characterization and Biological Evaluation of Carbamate and Sulfonamide Derivatives of Cis-Tramadol	Organic Communications	10th September 2023	1307-6175	https://www.acgpubs.org/journal/organic-communications
Venkata Ramana Katla	H&S	Ultrasound mediated nano ZnO catalyzed synthesis of new α -aminophosphonates as potential anti-diabetic agents; an in silico ADMET, molecular docking study, α -amylase and α -glucosidase inhibitory activity	Synthetic Communications	15th October, 2023	1532-2432	https://www.tandfonline.com/doi/epdf/10.1080/00397911.2023.2269583
M.Mary Jasmine	H&S	Innovations in Sustainable Engineering: A Review of Green Technologies	Educational Administration: Theory and Practice	May , 2024	2148-2403	https://kuey.net/index.php/kuey
A.Hari Krishna	ME	EXPERIMENTAL INVESTIGATIONS ON THE USE OF BITTER APPLE OIL IN A LOW HEAT REJECTION SUPERCHARGED CI ENGINE	Industrial Engineering Journal	24-Jul	0970-2555	https://abcdindex.com/Journal/Industrial-Engineering-Journal-0970-2555

Dr.P.Srinvas	ME	Effect of bioceramic reinforcement on mechanical engineering and machinability behaviour of AZ31 magnesium alloy composites	JOM: the journal of the Minerals, Metals & Materials Society	23-Oct	11837-023-06145-2	https://link.springer.com/journal/11837
Dr.P.Srinvas	ME	Radiographic analysis and effect of butt angles on mechanical properties of TIG weldments on aluminium(AI6061 and AI 2014)	Journal of propulsion technology	24-Jan	1001-4055	https://www.propulsiontechjournal.com/index.php/journalpropulsiontechjournal.com/index.php/journal
S.Vijay Kumar	ME	Effect of bioceramic reinforcement on mechanical engineering and machinability behaviour of AZ31 magnesium alloy composites	JOM: the journal of the Minerals, Metals & Materials Society	23-Oct-24	11837-023-06145-2	https://link.springer.com/journal/11837
S.Vijay Kumar	ME	Radiographic analysis and effect of butt angles on mechanical properties of TIG weldments on aluminium(AI6061 and AI 2014)	Journal of propulsion technology	1-Jan-24	1001-4055	https://www.propulsiontechjournal.com/index.php/journal
DR.Dr.Ravi Kanth	MECH	Optimal Selection of Cutting Parameters during Drilling of AA 7075 Alloy Using Taguchi Method Coupled with TOPSIS	International Journal of Engineering Trends and Technology	24-Jun	2231-5381	https://ijettjournal.org/archive/ijett-v72i6p112

Dr.P.Srinvas	MECH	Effect of bioceramic reinforcement on mechanical engineering and machinability behaviour of AZ31 magnesium alloy composites	· JOM: the journal of the Minerals, Metals & Materials Society	23-Oct	3744-1855	https://www.researchgate.net/publication/374418553_Effect_of_Bioceramic_Reinforcement_on_Mechanical_and_Machinability_Behaviour_of_AZ31_Magnesium_Alloy_Composites
Dr.P.Srinvas	MECH	Radiographic analysis and effect of butt angles on mechanical properties of TIG weldments on aluminium(AI6061 and AI 2014	Journal of propulsion technology	24-Jan	1001-4055	https://www.propulsiontechjournal.com/index.php/journal/article/view/4865/3349
k.Suresh Kumar	MECH	EXPERIMENTAL INVESTIGATIONS ON THE USE OF BITTER APPLE OIL IN A LOW HEAT REJECTION SUPERCHARGED CI ENGINE	Industrial Engineering Journal	24-Jul	0970-2555	https://abcdindex.com/Journal/Industrial-Engineering-Journal-0970-2555
S.Vijay Kumar	MECH	Effect of bioceramic reinforcement on mechanical engineering and machinability behaviour of AZ31 magnesium alloy composites	· JOM: the journal of the Minerals, Metals & Materials Society	23-Oct	3744-1855	https://www.researchgate.net/publication/374418553_Effect_of_Bioceramic_Reinforcement_on_Mechanical_and_Machinability_Behaviour_of_AZ31_Magnesium_Alloy_Composites

S.Vijay Kumar	MECH	Radiographic analysis and effect of butt angles on mechanical properties of TIG weldments on aluminium(Al6061 and Al 2014	Journal of propulsion technology	24-Jan	1001-4055	https://www.propulsiontechjournal.com/index.php/journal/article/view/4865/3349
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