

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 the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
							Is it listed in UGC Care list
AY: 2022-23							
1	An assessment of the mechanical performance of a novel sand bentonite-glass fiber composite for the avoidance of catastrophic landfill failure	Krishanu Mukherjee	CE	Construction and Building Materials	2022	0950-0618	YES
2	A Case study on public transport service in urban areas	Shyam Prakash Koganti	CE	ARPN Journal of Engineering and Applied Sciences	2022	1819-6608	YES
3	Performance and Characteristics of Cost-Effective Natural Adsorbents for the removal of fluoride	Prakash K. Shyam	CE	Oxidation Communications	2022	0209-4541	YES
4	The effect of roof overlay on thermal comfort behaviour of reduced scaled building models in tropical climate: an Indian case study	Vengala, Jagadish	CE	Journal of Building Pathology and Rehabilitation	2022	2365-3159	YES
5	COVID 19: A New Insight Into Organ Failure and Complications Caused by Novel SARS-CoV-2 Virus and Discussion on the Role of Nanotechnology in Detection, Treatment and Prevention of the Disease	Ammulu, Manne anupama;	CE	Current Trends in Biotechnology and Pharmacy	2022	0973-8916	YES
6	Improving physiological factors and plasmid stability of DE3 Host system	M. Anupama Ammulu	CE	Asian Journal of Pharmaceutics	2022	0973-8398	YES
7	Analysis of bamboo tensegrity structures	JagadishVengala, DivyaKilaru	CE	Materials Today: Proceedings,	2022	2214-7853	YES
8	In silico multi-epitope Bunyavirus vaccine to target virus nucleocapsid N protein	Ammulu, Manne Anupama et.al.,	CE	Journal of Genetic Engineering and Biotechnology	2022	1687-157X	YES
9	Comprehensive Study on Key Pollen Allergens	Manne AA, et al.	CE	Journal of pure and applied microbiology	2022	0973-7510	YES

AY: 2021-22							
10	Durability studies on ready mix concrete using mineral admixtures and manufactured sand	Vengala J, Ramesh K	CE	Journal of Engineering Research	2021	2307-1877	YES
11	Embodied energy and operational energy computations for a typical G+3 residential building in Vijayawada city of Andhra Pradesh, India	Vengala J, Ramesh K	CE	International Journal of Advanced Technology and Engineering Exploration	2021	2394-5443	YES
12	Influence of ZnO and TiO ₂ on mechanical and durability properties of concrete prepared with and without polypropylene fibers	Jagadish Vengala	CE	Materialia	2021	2589-1529	YES
13	Removal of agricultural wastewater pollutants by integrating two waste materials, fish scales and neem leaves, as novel potential adsorbent.	Veeravalli Preetham, Jagadish Vengala	CE	Water Science and Technology	2021	0273-1223	YES
14	Recycled waste tire fiber as a sustainable reinforcement in compacted sand-bentonite mixture for landfill application	KrishanuMukherjee	CE	Journal of Cleaner Production	2021	0959-6526	YES
15	Experimental Investigations on utilization of Bagasse ash in adobe bricks	Jagadish Vengala	CE	Lecture Notes in Civil Engineering (LNCE, volume 162)	2021	2366-2557	YES
16	Thermal comfort studies of residential building models in Vijayawada	Jagadish Vengala	CE	Lecture Notes in Civil Engineering (LNCE, volume 162)	2021	2366-2557	YES
17	Flood Damages Assessment Using Remote Sensing and GIS: A Case Study of 2018 Kodagu Floods	Jagadish Vengala	CE	Lecture Notes in Civil Engineering book series (LNCE, volume 176)	2021	2366-2557	YES
18	Thermal analysis of building model with acrylic and aluminium based roof coating materials	Jagadish Vengala	CE	Material today: proceedings	2021	2214-7853	YES
19	Experimental study on the use of human hair as fiber to enhance the performance of concrete: A novel use to reduce the disposal challenges	Jagadish Vengala	CE	Material today: proceedings	2021	2214-7853	YES
20	Numerical Simulations of Composite Materials	K. Divya	CE	IOP Conf. Series: Earth and Environmental Science 982	2021	1755-1307	YES

AY: 2020-21							
21	Utilization of Quarry Dust in Paving Blocks	K. Shyam Prakash	CE	ARPN Journal of Engineering and Applied Sciences	2020	1819-6608	YES
22	Precast Bamboo Reinforced Furniture Elements using Self Compacting Concrete	Jagadish Vengala	CE	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	YES
23	Performance of fly ash and GGBS based Geopolymer Concrete using single alkaline activator solution and Its cost analysis	Jagadish Vengala	CE	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	YES
24	Sustainable Bamboo Housing for the Earthquake Prone Areas	Jagadish Vengala	CE	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	YES
25	Strengthening of RC Beams with M-Sand using external bonding of steel plates	K Ramesh	CE	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	YES
26	Influence of carbon steel fibers on the flexural crack width of RC beam	K Ramesh	CE	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	YES
27	Pattern recognition neural network model for experimental based compressive strength graded self compacting concrete	K. Subhash	CE	Materials Today: Proceedings	2020	2214-7853	YES
28	Assessment of strength characteristics for experimental based workable self compacting concrete using artificial neural network	K. Subhash	CE	Materials Today: Proceedings	2020	2214-7853	YES
29	Sustainable development vs Environment protection - achieving a Fine balance: a case study of Andhra Pradesh	A. Adilakshmi	CE	International Journal of Advanced Research in Engineering & Technology (IJARET)	2020	0976-6480	YES

AY: 2019-20							
30	Performance of Autoclaved Aerated Concrete Blocks Under Varying Temperatures	Jagadish Vengala	CE	International Journal of Recent Technology and Engineering (IJRTE)	2019	2277-3878	YES
31	Strength and durability studies on concrete with ferro chrome slag as partial replacement to fine aggregate	K.N.A.G.K. Manikanta, K.Ramesh	CE	International Journal of Engineering Research and Technology (IJERT)	2019	0974-3154	YES
32	Experimental Investigation of Roller Compacted Concrete with Industrial Wastes	K Shyam Prakash	CE	International Journal of Recent Technology and Engineering (IJRTE)	2019	2277-3878	YES
33	Groundwater quality assessment for drinking purpose in Vijayawada Region, Andhra Pradesh, India	CH Hanumantharao	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2019	2249-8958	YES
34	Liquefaction hazard in the ap capital region, India	CH Hanumantharao	CE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	YES
35	Crumb rubber modified bitumen and quarry dust in flexible pavements	CH Hanumantharao	CE	International Journal of Recent Technology and Engineering	2019	2277-3878	YES

AY: 2018-19							
36	Analytical study on Flexural behaviour of Reinforced Geo polymer Concrete beams by ANSYS	K Ramesh	CE	IOP Conf. Series: Materials Science and Engineering	2018	1757-8981	YES
37	An extensive examination of water quality and soil quality characteristics in few areas of Andhra Pradesh core capital region at Amaravathi by using GIS applications	G.Venu Ratna Kumari	CE	International Journal of Civil Engineering and Technology (IJCIET)	2018	0976-6308	YES
38	Evaluation and remediation of sludge from municipal solid waste dumping sites: a model study	G.Venu Ratna Kumari	CE	International Journal of Civil Engineering and Technology (IJCIET)	2018	0976-6308	YES
39	A comprehensive report on groundwater quality monitoring and management by using geospatial technology - a model study	G.Venu Ratna Kumari	CE	International Journal of Civil Engineering and Technology (IJCIET)	2018	0976-6308	YES
40	Effective utilization of quarry dust in flexible pavements as per IRC-37:2012	K , Shyam Prakash	CE	ARNP Journal of Engineering and Applied Sciences	2018	1819-6608	YES
41	Optimization of urban public transportation system in Vijayawada - A case study	K , Shyam Prakash	CE	International Journal of Engineering and Technology(UAE)	2018	2227-524X	YES
42	A study on volume, speed and lane distribution of mixed traffic flow by using video graphic technique	K , Shyam Prakash	CE	International Journal of Engineering and Technology(UAE)	2018	2227-524X	YES
43	Stabilization of black cotton soil by using cement, lime and rice husk in flexible pavements	Shyam Prakash K	CE	International Journal of Engineering and Technology(UAE)	2018	2227-524X	YES
44	An investigative study on water quality distribution in the zones of municipal corporation using remote sensing and gis applications	Venu Ratna Kumari G	CE	International Journal of Civil Engineering and Technology	2018	0976-6308	YES
45	A synoptical representation on potentiality of ground water using geo spatial technology	Venu Ratna Kumari G	CE	International Journal of Civil Engineering and Technology	2018	0976-6308	YES