



CITY ENGINEERING COLLEGE

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Criteria 3- Research, Innovations and Extension

Key Indicator: 3.3- Research Publications and Awards

Links to the papers published in journals listed in UGC CARE list

ACADEMIC YEAR: 2023-24

Sl No	Title of paper	Name of the author/s	Name of journal	Link to websiteof the Journal	Link to article / paper / abstract of the	article Is it listed in UGC Carelist
1	Exploring Innovations in Amphibious Drones: Advancing Dual-Environment Capabilities for Enhanced Surveillance- A Comprehensive Study	Dr Sowmya Naik P T	Journal of Xidian University	https://xadzkjdx.cn/	DOI- https://doi.org/10.5281/Zenodo.12168903	Yes
2	Efficient network management and security in 5G enabled internet of things using deep learning algorithms	Dr. Sowmya Naik P T	International Journal of Electrical and Computer Engineering (IJECE)	https://ijece.iaescore.com/	DOI: http://doi.org/10.11591/ijece.v14i1.pp1058-1070	Yes



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3	Revolutionizing Smart Cities, Agriculture, and Healthcare with iot	Dr. Sowmya Naik P T	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/view?paper=JETIR_GG06068	https://www.jetir.org/view?paper=JETIR_GG06068	Yes
4	Smart wheelchair with integrated health monitoring system	Dr. Sowmya Naik P T	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	<u>DOI :</u> http://doi.one/10.1729/Journal.39892	Yes
5	Nano tree street lighting system	Dr. Sowmya Naik P T	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39891	Yes
6	Efficient network management and security in 5G enabled internet of things using deep learning algorithms	Dr. Ambika P R	International Journal of Electrical and Computer Engineering (IJECE)	https://ijece.iaescore.com/	<u>DOI:</u> http://doi.org/10.11591/ijece.v14i1.pp1058-1070	Yes



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7	Exploring Innovations in Amphibious Drones: Advancing Dual-Environment Capabilities for Enhanced Surveillance - A Comprehensive Study	Dr. Ambika P R	Journal of Xidian University	https://xadzkjdx.cn/	DOI- https://doi.org/10.5281/Zenodo.12168903	Yes
8	A Chatbot as A Digital Assistant For Legal Awareness	Dr. Ambika P R	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39876	Yes
9	Deep learning-based framework for wildfire detection	Dr. Ambika P R	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39875	Yes
10	Load -bot-automatic system for goods loading and unloading	Mrs.Swetha A	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	https://www.ijraset.com/	https://doi.org/10.22214/ijraset.2024.58010	Yes



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11	Automated nuchal cord graphical neural network based fetal prediction	Mrs.Swetha A	Journal of XIDIAN UNIVERSITY	https://xadzkjdx.cn/	DOI:10.5281/zenodo.11568042	Yes
12	Drone based surveillance system for port areas	Mrs.Swetha A	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39872	Yes
13	Vehicle safety detection using iot	Mrs.Swetha A	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39873	Yes
14	Load -bot-automatic system for goods loading and unloading	Ms.Shravya S	International Journal for Research in Applied Science and Engineering Technology(IJRAS ET)	https://www.ijraset.com/	https://doi.org/10.22214/ijraset.2024.58010	Yes
15	Automated nuchal cord graphical neural network based fetal prediction	Ms.Shravya S	Journal of XIDIAN UNIVERSITY	https://xadzkjdx.cn/	DOI:10.5281/zenodo.11568042	Yes



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	network based fetal prediction					
16	Cryptoguard: Safeguarding the cryptocurrency ecosystem	Ms.Shravya S	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39883	Yes
17	A Framework for Brain Tumor Image Analysis using Convolution with RELU	Ms.Shravya S	International Journal for Intelligent Systems and Applications in Engineering(IJISAE)	http://ijisae.org/index.php/IJISAE/article/view/5254		Yes
18	Framefusion: Video Summarization and Human Detection Web Application	Mrs.Hina Nazneen	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39887	Yes
19	Exploring Innovations in Amphibious Drones: Advancing Dual- Environment Capabilities for Enhanced Surveillance - A Comprehensive Study	Mrs.Laxmi M C	Journal of Xidian University	https://xadzkjdx.cn/	DOI- https://doi.org/10.5281/Zenodo.12168903	Yes



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	- A Comprehensive Study					
20	Farming for future:enhaced crop yield prediction	Mrs.Laxmi M C	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	DOI: http://doi.one/10.1729/Journal.39884	Yes
21	Load -bot-automatic system for goods loading and unloading	Mrs.Vibhavi R N	International Journal for Research in Applied Science and Engineering Technology(IJRAS ET)	https://www.ijraset.com/	https://doi.org/10.22214/ijraset.2024.58010	Yes
22	Automated nuchal cord graphical neural network based fetal prediction	Mrs.Vibhavi R N	Journal of XIDIAN UNIVERSITY	https://xadzkjdx.cn/	DOI:10.5281/zenodo.11568042	Yes
23	Water quality prediction for smart mariculture	Mrs.Vibhavi R N	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39890	Yes



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24	Load -bot-automatic system for goods loading and unloading	Mrs.Shruthi B S	International Journal for Research in Applied Science and Engineering Technology(IJRAS ET)	https://www.ijraset.com/	https://doi.org/10.22214/ijraset.2024.58010	Yes
25	Automated nuchal cord graphical neural network based fetal prediction	Mrs.Shruthi B S	Journal of XIDIAN UNIVERSITY	https://xadzkjdx.cn/	DOI:10.5281/zenodo.11568042	Yes
26	Smart irrigation system	Mrs.Shruthi B S	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39893	Yes
27	Revolutionizing Smart Cities, Agriculture, and Healthcare with iot	Mrs.Tejaswini B N	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR_GG06068	Yes
28	Gamified cognitive retraining platform for children with developmental disabilities	Mrs.Tejaswini B N	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR_GG06050	Yes



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	developmental disabilities		Innovative Research(JETIR)			
29	A Solution for energy efficient consumption in iot based smart street light system	Mr.Gangappa Demannavar	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ view?paper=JETIR GG06036	https://www.jetir.org/ view?paper=JETIR GG06036	Yes
30	Revolutionizing Smart Cities, Agriculture, and Healthcare with iot	Mr.Gangappa Demannavar	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ view?paper=JETIR GG06068	https://www.jetir.org/ view?paper=JETIR GG06068	Yes
31	Revolutionizing Smart Cities, Agriculture, and Healthcare with iot	Mrs.Shruthi Vijay	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ view?paper=JETIR GG06068	https://www.jetir.org/ view?paper=JETIR GG06068	Yes
32	Harvesting tomorrow's power :iot-driven smart automation using renewable energy	Mrs.Shruthi Vijay	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ org/	http://doi.one/10.172 9/Journal.39913	Yes



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33	De-hazing/de-smoking for reproducing real time indoor areas under fire	Mrs.Archana Bhat	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39877	Yes
34	Revolutionizing smart cities, agriculture and healthcare with iot	Mr.Girish G A	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIRGG06068	Yes
35	The cloud burst prediction system	Mr.Girish G A	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIRGG06057	Yes
36	Cnn based terrain recognition	Mr.Mahadeva Prasad H M	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIRGG06061	Yes
37	Conflict avoidance and landslide update system for vehicles in deep curves	Mrs.Sangeetha Rao S	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39880	Yes



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			and Innovative Research(JET IR)			
38	Eco Friendly Waste Solution: A Path to Responsible Resource Management	Mrs.Sangeetha Rao S	Seybold Report Journal	https://seybold-report.com/wp-content/uploads/2024/04/Nandini.pdf	Yes	
39	Identification of medicinal plants with image processing using machine learning	Mrs.Tara VK	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ http://doi.one/10.1729/Journal.39888	Yes	
40	Applications of Graph Theory in Geosciences, Economics and Image Processing	Mrs.Vanitha GR	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ http://www.jetir.org/view?paper=JETIR_GG06077	Yes	
41	Applications of Graph Theory in Geosciences, Economics and Image Processing	Mrs.Rekha R	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/ http://www.jetir.org/view?paper=JETIR_GG06077	Yes	



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42	Applications of Graph Theory in Geosciences, Economics and Image Processing	Ms.Bhavitha BG	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://www.jetir.org/view?paper=JETIRGG06077	Yes
43	Applications of Graph Theory in Geosciences, Economics and Image Processing	Mrs.Anitha C V	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://www.jetir.org/view?paper=JETIRGG06077	Yes
44	Applications of Graph Theory in Geosciences, Economics and Image Processing	Ms.Janavi	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://www.jetir.org/view?paper=JETIRGG06077	Yes
45	Oceanic Impact: The Ecological Toll of Plastic Pollution	Ms.Meghana D	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://www.jetir.org/papers/JETIRGG06012.pdf	Yes
46	Oceanic impact : The Ecological toll of plastic pollution	Dr. Sunitha	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://www.jetir.org/papers/JETIRGG06012.pdf	Yes



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			and Innovative Research(JET IR)			
47	Optimum solution for effective management of university	Dr. Jyothi.P	Journal of Xidian University	http://xadzkjdx.c n/	<a href="https://zenodo.org/rec
ords/12591300">https://zenodo.org/rec ords/12591300	Yes
48	Unveiling Human Intentions: EEGNET's Hybrid Role in Motion Detection	Dr. Vagdevi S	Journal of Emerging Technology and Innovative Research(JETIR)	<a href="https://www.jeti
.org">https://www.jeti .org	<a href="https://www.jetir.org/
view?paper=JETIR
GG06001">https://www.jetir.org/ view?paper=JETIR GG06001	Yes
49	Using AI Agents Built on Large Language Models for Building AGI	Mr. Mahesh Basavaraj.	Journal of Emerging Technology and Innovative Research(JETIR)	<a href="https://www.jeti
.org">https://www.jeti .org	<a href="https://www.jetir.org/
view.php?paper=JETI
RGG06088">https://www.jetir.org/ view.php?paper=JETI RGG06088	Yes
50	Using AI Agents Built on Large Language Models for Building AGI	Mrs. Nasarath B K.	Journal of Emerging Technology and Innovative Research(JETIR)	<a href="https://www.jeti
.org">https://www.jeti .org	<a href="https://www.jetir.org/
view.php?paper=JETI
RGG06088">https://www.jetir.org/ view.php?paper=JETI RGG06088	Yes



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51	Student performance analysis & intervention system	Mrs. Vindhya R	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIRG_G06027	Yes
52	Generic Framework in Convolutional neural networks for Autism psycholigical approach	Dr. B Sakthivel	European Chemical Bulletin	https://www.urchembull.com/	https://scholar.google.com/scholar?cluster=4517376169498043741&hl=en&oi=scholarr	Yes
53	Folium Detecto: plant leaf disease detection application	Mrs.Nayana R K	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39885	Yes
54	Development of gamified platform on children'srights to increase legal literacy and awareness among children in india	Mrs.Vani	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39889	Yes
55	Energy dissipation and optimization framework for mobile devices	Dr. Shalini Prasad	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39874	Yes



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56	Classification of DNA sequence: Analysis of performance of SVM using a novel integral kernel function	Dr.Ravindra S	International Journal for Intelligent Systems and Applications in Engineering(IJISAE)	http://ijisae.org	https://ijisae.org/index.php/IJISAE/article/view/6050	Yes
57	Manufacturing of high strength ceramic bricks with use of waste plastics as a binder material	Dr Mohammed Mathenulla Shariff	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39886	Yes
58	Manufacturing of high strength ceramic bricks with use of waste plastics as a binder material	Dr S Karunakara	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39886	Yes
59	Parkinson's disease detection using machine learning	Dr Puja Shashi	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39898	Yes



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60	Review Study on problems and challenges of various arts in Image Data Processing and Big Data Analytics	Dr Puja Shashi	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39896	Yes
61	Online blockchain based certificate generation and validation system	Mr.Ramesh	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39878	Yes
62	Study on disasters management in india	Mr.Deepak I	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39894	Yes
63	Study on disasters management in india	Mrs.Vidya Popat	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39894	Yes
64	Projection of the amount of inundation in accordance with river flood level projections	Mrs.Sangeeta Uranakar	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39895	Yes



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			and Innovative Research(JET IR)			
65	Study on disasters management in india	Mrs.Chaitra M S	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39894	Yes
66	Study on disasters management in india	Dr.H N Madhusudana	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39894	Yes
67	Study on disasters management in india	Ms.Ankita Rashminath	Journal of Emerging Technology and Innovative Research(JETIR)	https://www.jetir.org/	http://doi.one/10.1729/Journal.39894	Yes
68	Enhancing data protection and cybersecurity in vehicular ad hoc networks (VANETs)	Mr.Girish G A	International Journal of Innovative Science and Research Technology(IJIRSET)	https://www.ijirset.com/upload/2024/march/300_Enhancing.pdf	https://www.ijirset.com/upload/2024/march/300_Enhancing.pdf	Yes



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69	AI-Driven Chatbots in Mental Health: Enhancing Emotional Support and Therapy Through Cognitive Behavioural Approaches	Mrs.Swetha A	Gradiva Review Journal	https://gradivareview.com/	https://gradivareview.com/volume-10-issue-9-2024/	Yes
70	AI-Driven Chatbots in Mental Health: Enhancing Emotional Support and Therapy Through Cognitive Behavioural Approaches	Mrs.Shruthi B S	Gradiva Review Journal	https://gradivareview.com/	https://gradivareview.com/volume-10-issue-9-2024/	Yes
71	AI-Driven Chatbots in Mental Health: Enhancing Emotional Support and Therapy Through Cognitive Behavioural Approaches	Ms.Shravya S	Gradiva Review Journal	https://gradivareview.com/	https://gradivareview.com/volume-10-issue-9-2024/	Yes
72	AI-Driven Chatbots in Mental Health: Enhancing Emotional Support and Therapy Through Cognitive Behavioural Approaches	Mrs.Vibhavi R N	Gradiva Review Journal	https://gradivareview.com/	https://gradivareview.com/volume-10-issue-9-2024/	Yes