CGC – College of Engineering
Landran, Mohali, Punjab

List of Publications (2022-2023)

S. No.	Title of paper	Name of the author/s	Department of the Teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article / paper / abstract of the article
1	Energy Aware Cluster Head Selection and Multipath Routing Using Whale-based Tunicate Swarm Algorithm (WTSA) for Wireless Sensor Network	Dr. Anuj Kumar Gupta	CSE	New Review of Information Networking	2022	1740-7869	https://www.tandfonline.com/journals/rinn20	https://www.tandfonline.com/doi/abs/10.1080/13614576.2022.2039748
2	A REVIEW OF MACHINE LEARNING BASED RECOGNITION OF SIGN LANGUAGE	Dr. Anuj Kumar Gupta	CSE	International Journal of Image and Graphics	2022	1793-6756	https://www.worldscientific.com/worldscinet/ijig	https://www.worldscientific.com/doi/10.1142/S0219467823500511
3	Enhancing Time Synchronization for Home Automation Systems	Dr. Kapil Mehta	CSE	ECS Transactions	2022	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.6197ecst/meta

4	Mathematical modelling for prediction of spread of coronavirus and artificial intelligence/machine learning-based technique to detect COVID-19 via smartphone sensors	Dr. Rahul Kakkar	CSE	Internatinoal Journal of Modelling Identification And Control	2022	1746-6172	https://doi.org/10.1504/IJMIC.2022.127096	https://www.inderscienceonline.com/doi/abs/10.1504/IJMIC.2022.127096
5	Machine Learning based Intelligent Systems for Safeguarding specially abled people	Dr. Kapil Mehta	CSE	International Journal of Health Sciences	2022	2249-9571	https://sciencescholar.us/journal/index.php/ijhs/index	https://sciencescholar.us/journal/index.php/ijhs/article/view/13423
6	A Systematic Review on Acute Leukemia Detection Using Deep Learning Techniques	Dr.Chaahat	CSE	Archives of Computational Methods in Engineering	2022	18861784	https://link.springer.com/journal/11831	https://link.springer.com/article/10.1007/s11831-022-09796-7
7	An Image Retrieval Framework Design Analysis Using Saliency Structure and Color Difference Histogram	Himani Chugh	CSE	Sustainability	2022	**2071-1050**	https://www.mdpi.com/journal/sustainability	https://doi.org/10.3390/su141610357
8	A Study on Mathematical model for Image Processing	Dr. Rahul Kakkar	CSE	Journal/International Journal of Exploration in Science and Technology	2022	2456-1118	https://www.ijest.info/	https://sites.google.com/view/ijestjournal/archives
9	An approach for object tracking, categorization, and autopilot guidance for passive homing missiles	Dr. Rahul kakkar	CSE	Journal of Aerospace Systems	2022	25233955	https://link.springer.com/	http://dx.doi.org/10.1007/s42401-022-00150-0

10	Security and Protection In Fog Computing: A Review	Ms. Neha Sharma	CSE	International Journal of Health Sciences	2022	2550-6978	https://sciencescholar.us/journal/index.php/ijhs/article/view/13423	https://sciencescholar.us/journal/index.php/ijhs/article/view/13423/10143
11	Study of different approaches for Sentiment Analysis	Anuj Kumar Gupta	CSE	CGC IJCTR	2023	2582-0486	https://www.cgcijctr.com/	https://cgcijctr.com/volume5issue1.php
12	Securing Cloud Using Biometric Cryptographic techniques	Anuj Kumar Gupta	CSE	CGC IJCTR	2023	2582-0486	https://www.cgcijctr.com/	https://cgcijctr.com/download.php?file=C0501101-Final.pdf
13	Applications of Machine Learning in Diverse Sector: A Study	Gagandeep Kaur	COE- CSE	CGC IJCTR	2023	ISSN: 2582-0486 (online) Vol.-5, Issue-2		https://cgcijctr.com/download.php?file=C20230101.pdf
14	An approach for object tracking, categorization, and autopilot guidance for passive homing missiles	Dr. Anuj Kumar Gupta	CSE	Aerospace Systems	2022	25233955	https://link.springer.com/	https://link.springer.com/article/10.1007/s42401-022-00150-0
15	Enhancement of Smart Agriculture Using Internet of Things	Dr. Kapil Mehta	CSE	The Electrochemical Society	2022	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.7047ecst/meta
16	Recent developments of image processing to improve explosive detection methodologies and spectroscopic imaging techniques for explosive and drug detection	Dr. Anuj Kumar Gupta	CSE	Multimedia Tools and Applications	2022	1380-7501	https://link.springer.com/	https://link.springer.com/article/10.1007/s11042-022-13578-5

17	Implementation And Modeling Of Low Power Sleepy Stack Sram	Dishant Khosla	CSE	Journal of Advanced Sciences	2022	1908-3238	https://www.joasciences.com/index.php/joas/index	https://www.joasciences.com/index.php/joas/article/view/6
18	Performance analysis of WDM-ROF network with different receiver filters	Dr. Anuj Kumar Gupta	CSE	Journal of Optical Communications	2022	2191-6322	https://www.degruyter.com/	https://www.degruyter.com/document/doi/10.1515/joc-2022-0151/html
19	Recent developments of image processing to improve explosive detection methodologies and spectroscopic imaging techniques for explosive and drug detection	Dr. Manvinder Sharma	CSE	Multimedia Tools and Applications	2022	1380-7501	https://link.springer.com/	https://link.springer.com/article/10.1007/s11042-022-13578-5
20	An Image Retrieval Framework Design Analysis Using Saliency Structure and Color Difference Histogram	Himani Chugh	CSE	Sustainability	2022	2071-1050	https://www.mdpi.com/	https://www.mdpi.com/2071-1050/14/16/10357
21	A Review of Machine Learning-Based Recognition of Sign Language	Dr. Tanvi	CSE	International Journal of Image and Graphics Vol. 22, No. 5 (2024) 2350051	05.10.2022	0219-4678	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0219467823500511
22	Visualizing Android Malicious Applications Using Texture Features	Tejpal Sharma	CSE	International Journal of Image and Graphics	2022	0219-4678	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0219467823500523

23	Human-Computer Interaction	Gurleen Kaur	CSE	International Journal of Exploration in Science and Technology	2023	2195-1381	https://journal-index.org/index.php/asi/article/view/3108	https://drive.google.com/file/d/1iVytUikeNDwIrrR58QxvKdxRUIPx4O6Y/view?usp=drive_link
24	A Review of Machine Learning-Based Recognition of Sign Language	Dr. Anuj Kumar Gupta	CSE	International Journal of Image and Graphics Vol. 22, No. 5 (2024) 2350051	2022	0219-4678	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0219467823500511
25	A REVIEW OF MACHINE LEARNING BASED RECOGNITION OF SIGN LANGUAGE	Dr. Tanvi	CSE	International Journal of Image and Graphics	2023	1793-6756	https://www.worldscientific.com/worldscinet/ijig	https://www.worldscientific.com/doi/10.1142/S0219467823500511
26	Implementation And Modeling Of Low Power Sleepy Stack Sram	Dr. Rahul Kakkar	CSE	Journal of Advanced Sciences	2022	1908-3238	https://www.joasciences.com/index.php/joas/index	https://www.joasciences.com/index.php/joas/article/view/6
27	Human-Computer Interaction	Tanu Minhas	CSE	International Journal of Exploration in Science and Technology	2023	2195-1381	https://journal-index.org/index.php/asi/article/view/3108	https://drive.google.com/file/d/1NL0LRqmpNhRlOv830omw6-dSta1TCIwT/view?usp=drive_link