Galgotias University (Campus-1), Computer Science & Engineering Department							
Journal Paper (2022-23)							
S.No.	**Author(s)**	**Title**	**Journal and Publisher Name**	**Volume, Issue, ISSN, Page No, Year of Publication**	**Indexing (SCIE/ SSCI/ AHCI/ESCI/ Scopus**	**Impact Factor**	**DOI (in the form of the link)**
1	S. Sahu, A. Anand, A. K. Singh, A. K. Agrawal & M. P. Singh	MRI De-noising using Improved Unbiased NLM Filter	Journal of Ambient Intelligence and Humanized Computing,	2023, 6877–6895	SCOPUS	NA	https://link.springer.com/article/10.1007/s12652-021-03681-0
2	KN Singh, OP Singh, AK Singh, AK Agrawal	EiMOL: A Secure Medical Image Encryption Algorithm based on Optimization and the Lorenz System	ACM Transactions on Multimedia, Computing, Communications, and Application	2022	SCIE	4.15	https://doi.org/10.1145/3561513
3	D Mahapatra, P Amrit, OP Singh, AK Singh, AK Agrawal	Autoencoder-CNN based embedding and extraction model for Image watermarking	Journal of Electronic Imaging	32 (02), 2022	SCIE	1.05	https://doi.org/10.1117/1.jei.32.2.021604
4	KN Singh, OP Singh, AK Singh, AK Agrawal	WatMIF: Multimodal Medical Image Fusion-Based Watermarking for Telehealth Applications	Journal of Cognitive Computation	2022	SCIE	5.418	https://doi.org/10.1007/s12559-022-10040-4
5	OP Singh, AK Singh, A Agrawal, H Zhou	SecDH: Security of COVID-19 images based on data hiding with PCA	Computer Communications	191, 2022, 368-377	SCIE	3.16	https://doi.org/10.1016/j.comcom.2022.05.010

6	Vijay Shanker Chaudhary, D. Kumar, B P Pandey and S. Kumar	Au-TiO2 Coated Photonic Crystal Fiber based SPR Refractometric Sensor for Detection of Cancerous Cells	IEEE Transactions on NanoBioscience	Print ISSN: 1536-1241, 2022 Online ISSN: 1558-2639, 2022	SCIE	3.206	DOI: 10.1109/TNB.2022.3219104
7	Vijay Shanker Chaudhary, D. Kumar and S. Kumar	Advances in Photonic Crystal Fiber-Based Sensor for Detection of Physical and Biochemical Parameters—A Review	IEEE SENSORS JOURNAL	23,Print ISSN: 1530-437X Electronic ISSN: 1558-1748 , 1012-1023,2023	SCIE	4.325	DOI: 10.1109/JSEN.2022.3222969
8	Vijay Shanker Chaudhary	Numerical Study of Surface Plasmon Resonance Biosensor Using Aluminium Oxide and Bismuth Telluride Nanomaterials for Skin Cancer Cell Detection	Journal of Nanoelectronics and Optoelectronics	17, ISSN 1555-130X (Print); ISSN 1555-1318 (Online), 1655–1658,2022	SCIE	1.069	DOI: https://doi.org/10.1166/jno.2022.3358
9	Krishna, Ram, Agbotiname Lucky Imoize, Rajveer Singh Yaduvanshi, Harendra Singh, Arun Kumar Rana	Analysis of Multi-stacked Dielectric Resonator Antenna with its Equivalent R-L-C Circuit Modeling for Wireless Communication Systems Accepted, Mathematical and Computational Applications	MCA, MDPI		SCIE	2.003	https://doi.org/10.3390/mca28010004
10	Ashima, Umesh Kumar Lilhore, Jaroslav Frnda, Jasminder Kaur Sandhu, Nitin Goyal, Arun Kumar, Kamalakanta Muduli	ProRE: An ACO- based Programmer Recommendation Model to Precisely Manage Software Bugs	Journal of King Saud University		SCI	9.001	https://doi.org/10.1016/j.jksuci.2022.12.017
11	Arun Kumar, Schin Dhawan, Kashif	High Quality Steganography Technique Using Image Encryption & Machine Learning,	CMC-Computers, Materials & Continua		SCI	4.001	Accepted, APC in Processing
12	Arun Kumar, Nitin Goyal, KAshif	MRNQ: A Machine Learning-based algorithm for Reliable communication in Underwater Acoustic Sensor Networks	International Journal of Distributed Sensor Networks		SCI	3.006	Accepted, APC in Processing

13	Amit Kumar Kesarwani	A Wideband and Wide Axial Ratio Bandwidth Circularly Polarized Antenna Loaded with Circular Ring Slot	Journal of Microwaves, Optoelectronics and Electromagnetic Applications	21, 605-615, 2022	Scopus		https://doi.org/10.1590/2179-10742022v21i4264867
14	Dr. Rajesh Kumar	Design of an RF output Class JJ 1 Doherty power amplifier using post-matching varactor diodes for configurable IoT transmitters	Int J Circ Theor Appl		SCI	2.378	https://doi.org/10.1002/cta.3507
15	Dr. Yash Veer Singh	Local-Moment-Driven Robust Reversible Data Hiding	MDPI (Applied Sciences)		SCI	2.736	https://doi.org/10.3390/app122211826
16	Dr. Maksud Alam	A High-Gain Dual-Band Superstates Enabled Antenna for 5G-mm Wave Applications	Progress In Electromagnetics Research C, Vol. 126, 125-142, 2022	126, 125-142,2022	SCI	1.4	doi:10.2528/PIERC22092807
17	Dr.Srivastava, Sanjeev Kumar, Renu Mishra, and Inderpreet Kaur.	Crime Forecasting using Cyber Security and Artificial Intelligence	Journal of Biomedical Engineering	18-24, 2022	Scopus		Published
18	Renu Mishra, Inderpreet Kaur, Santosh Sahu, Sandeep Saxena, Nitima Malsa, Mamta Narwaria	Establishing three layer architecture to improve interoperability in Medicare using smart and strategicAP integration	Software X ,Elsveir	2023	SCI		DOI:https://doi.org/10.1016/j.softx.2023.101376
19	Sambit Satpathy, Neeraj Kumar Misra, Vishal Goyal, Sanchali Das, Vishnu Sharma, Shabir Ali	An AI-Based Newly Developed Analytical Formulation for Discharging Behavior of Supercapacitors with the Integration of a Review of Supercapacitor Challenges and Advancement	Symmetry	15(4), 844,2023	Scoups		https://doi.org/10.3390/sym15040844

20	Surjeet Dalal,Pallavi Goel ,Edeh Michael Onyema ,Adnan Alharbi,Amena Mahmoud,Majed A. Algarni and Halifa Awal	Application of Machine Learning for Cardiovascular Disease Risk Prediction	Computational Intelligence and Neuroscience	1687-5273,1-12	Scoups		https://doi.org/10.1155/2023/9418666
21	Anupam, Pramod Kumar Bhatt, Joanna Rosak-Szyrocka, Kamalakanta Muduli, Ladislav Pilař, Amandeep Kaur, Nidhi Chahal, and Arun Kumar Rana	Apple leave disease detection using collaborative ml/dl and artificial intelligence methods: Scientometric analysis	International journal of environmental research and public health	20	SCI	9.1	
22	Bharat, Avinash Kumar, Ambuj Kumar Agarwal, Amit Kumar, Pronaya Bhattacharya, and Arun Kumar	Towards a Secure and Sustainable Internet of Medical Things (IoMT): Requirements, Design Challenges, Security Techniques, and Future Trends	sustainability	15	SCI	4	https://doi.org/10.3390/su15076177
23	Dr. Sachi Gupta	Multiprocessor task scheduling using multi-objective hybrid genetic Algorithm in Fog–cloud computing	Knowledge-Based Systems	27,21,10,56,32,023	SCIE	8.139	https://doi.org/10.1016/j.knosys.2023.110563
24	Dr. Hariom Tyagi	Speech Recognition Intelligence System for Desktop voice Assistant by using AI &IoT	International Journal of Intelligent Systems And Applications In Engineering	11,2147-6799,266-272,2023	Scopus		
25	Mamta Narwaria	Establishing three layer architecture to improve interoperability in Medicare using smart and strategicAP integration	Software X ,Elsveir	22,ISSN 2352-7110,101376,,2023	SCI		
26	J Sinha, S Kant, M Saini	Modelling big data analysis approach with multi-agent system for crop-yield prediction	International Journal of Information and Decision Sciences	15,1756-7017,27-45,2023	Scopus	0.181	https://doi.org/10.1504/IJIDS.2023.129657

27	M Chandraprabha, RK Dhanaraj	Deep Learning Based Speculative Analysis of Diverse Nature Inspired Optimization Algorithms in Agriculture	EAI EndorsedTransactionson Scalable Information Systems	10, issue 4,2032-9407, e7 1-11	Scopus		https://doi.org/10.4108/eetsis.v10i3.2610
28	Rajesh Kumar Dhanaraj M. Chandraprabha	Adaboost CNN with Horse Herd Optimization Algorithm to Forecast the Rice Crop Yield	International Journal on Recent and Innovation Trends in Computing and Communication	11, Issue 4,2321-8169,192-203, 2023	Scopus		https://doi.org/10.17762/ijritcc.v11i4.6401