



Chandigarh Engineering College,
Jhanjeri, Mohali-140307
Department of Computer Science & Engineering

R & D

Research Paper Publications

(July 2024- June 2025) FACULTY RESEARCH PUBLICATIONS (INTERNATIONAL JOURNALS)

Sr. No	Faculty Name	Indexing SCI/SCIE/ SCOPUS/ WOS/ ABDC	Title	Journal Name	DOI
1	Dr. Ravneet Kaur	ABDC	The Role of HR Analytics in Strategic Decision Making: Leveraging Data for Talent Managemen t	Journal of Informatics Education and Research	https://doi.org/10.52783/jier.v4i2.1143
		SCI	A Comprehen sive Framework for Emergency Message Disseminati on in Urban VANET Scenarios: A Comparativ e Analysis of Clustering- Based Routing Protocols	IEEE Access	https://doi.org/10.1109/ACCESS.2024.3502718



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		SCI	The route based emergency message dissemination scheme using multi-hop wireless network for VANETs	Telecommun System	https://doi.org/10.1007/s11235-024-01223-5
2	Dr.Kunal Gagneja	SCOPUS	Performance evaluation of machine learning algorithms in predicting machining responses of super alloys	AIP Publishing	https://doi.org/10.1063/5.0235664

(July 2024 - June 2025) FACULTY RESEARCH PUBLICATIONS (BOOK CHAPTERS)

S. No	Name of the Authors	Indexing SCI/SCIE/ SCOPUS / WOS/A BDC	Title of the Paper	Book Name/publishers	DOI
1	Dr. Ashima Shahi	SCOPUS / Taylor & Francis	Navigating compliance for the industrial IoT landscape: Frameworks, security, standards, and key	Industrial Internet of Things Security: Protecting AI-Enabled Engineering Systems in Cloud and Edge Environments	10.1201/9781003466284-5



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			ethical considerati ons		
2	Dr.Ravn eet Kaur	SCOPUS / Taylor & Francis	Crowd- sourced- based emergency response on the Internet of Vehicles (IOV)	Artificial Intelligence and Internet of Things based Augmented Trends for Data Driven Systems	https://doi.org/10.1201/9781003497318

**(July 2024- June 2025) FACULTY RESEARCH PUBLICATIONS (SCOPUS
INDEXED INTERNATIONAL CONFERENCE)**

S.No	Name of the Author s	Indexin g SCI/SC IE/ SCOPU S/ WOS/A BDC	Title of the Paper	INTERNATIONA L CONFERENCE	DOI
1	Dr.Avin ash Sharma	SCOPU S	Feature-Driven Object Extraction: Unveiling Insights from Segmented Imagery	IEEE Conference Proceeding	10.1109/AMATHE61652 .2024.10582099
		SCOPU S	Optimizing Resource Allocation in Healthcare Facilities Through IoT and Machine Learning	IEEE Conference Proceeding	https://doi.org/10.1007/978-981-97-5146-4_16



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			Predictive Analysis		
		SCOPUS	Deep Learning Approaches for Real-Time Data Analytics in IoT Sensor Networks	IEEE Conference Proceeding	https://doi.org/10.1007/978-981-97-5146-4_21
		SCOPUS	Design and Implementation of an IoT-Based Control System for Precision Food Manufacturing	IEEE Conference Proceeding	https://doi.org/10.1007/978-981-97-5146-4_29
		SCOPUS	Iot-Enabled Predictive Healthcare Monitoring Using Machine Learning Models	IEEE Conference Proceeding	https://doi.org/10.1007/978-981-97-5146-4_15
2	Dr. Rini Saxena	SCOPUS	The agriguide: A crop recommendation system	AIP Conference Proceeding	https://doi.org/10.1063/5.0221538
		SCOPUS	Review of cloud computing technologies: Trends, challenges, and future directions	AIP Conference Proceeding	DOI:10.1063/5.0222135
3	Dr. Kunal Gagneja	SCOPUS	Artificial Intelligence and Big Data Based Algorithm to Track Child Abduction and Child Trafficking	International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)	10.1109/ic-ETITE58242.2024.10493744



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			Patterns Using Sensors		
4	Mr. Ankur Srivastava	SCOPUS	Technological Innovations and Their Impact on Urban Sustainability: Case Studies from Smart Cities	IEEE Conference Proceeding	10.1109/ICCCNT61001.2024.10726160
5	Dr. Puneet	SCOPUS	Empowering Learning: An Integrated Approach to Enhance Education	IEEE Conference Proceeding	10.1109/ICEECT61758.2024.10738972
6	Ms. Kawalpreet Kaur	SCOPUS	Edge computing technologies: A comprehensive review and future perspectives	RACCAI Conference Proceeding	DOI:10.1063/5.0221543
7	Ms. Rohini Mahajan	SCOPUS	A System Review: Impact of Digital Marketing via Social -Media Influencers on the buying behavior related to beauty attainment of the Social-Media Users.	ICCSM24 Conference Proceeding	Certificate
		SCOPUS	A review on efficiently allocating resources in a dynamic Cloud Environment	ICCSM24 Conference Proceeding	Certificate



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8	Dr.Arpit a	Springer	Ethical Considerations in Speech Recognition Using Deep Neural Network: A Systematic Review	ICICC 2024	https://dx.doi.org/10.2139 /ssrn.4937978
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(July 2023-JUNE 2024) FACULTY RESEARCH PUBLICATIONS
(INTERNATIONAL JOURNALS)

S. No	Faculty Name	Indexing SCI/SCIE/ SCOPUS/ WOS/ABD C	Title	Journal Name	DOI
1	Dr. Rini Saxena	SCOPUS	Agriculture In ternet of Things(AIoT) for Intelligent farming	African Journal of BIological Sciences	doi: 10.48047/AFJBS.6.Si4.2024 .104-111
2	Dr. Ravneet Kaur	SCOPUS	Fine Tuned Pre-Trained Deep Neural Network for Automatic Detection of Diabetic Retinopathy Using Fundus Images-	International Journal of Intelligent Systems and Applications in Engineering	https://ijisae.org/index.php/I JISAE/article/view/3221
3	Dr. Rubal Jeet	SCI	Brain tumor segmentation using neuro- technology enabled intelligence- cascaded U- Net model	Frontiers in Computational Neuroscience	https://doi.org/10.3389/fnco m.2024.1391025
		SCOPUS	An In-Depth Analysis of Smart Healthcare	International Journal of Healthcare	10.4018/IJHISI.324931



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			Monitoring Systems for Humans Based on IoT	Information Systems and Informatics (IJHISI)	
4	Dr. Shan ky Goyal	SCOPUS	Technological Innovation and Greener Energy Technology Adoption: Do Socioeconomic Conditions Make a Difference?	IEEE Transactions on Engineering Management	10.1109/TEM.2023.3239427
5	Dr. Kamalpreet Singh	SCOPUS	Quantifying emotions through quantum computations	International Journal of Quantum Information	https://doi.org/10.1142/S0219749923500041
6	Ms Jaspreet Kaur	SCOPUS	Analysis of different regression techniques for crop yield prediction	European chemical bulletin	10.53555/ecb/2022.11.12.340
7	Mr. Ankur Srivastava	SCOPUS	Futuristic Dustbin using Arduino	Grenze International Journal of Engineering and Technology,	Grenze ID: 01.GIJET.9.2.57
8	Dr. Sahil Vashist	SCOPUS	Solar irradiance forecasting models using machine learning techniques and digital twin: A case study with comparison	International Journal of Intelligent Networks	https://doi.org/10.1016/j.ijin.2023.04.001



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		IEEE Transaction	Deformable GAN: Generating Medical Images With Improved Integrity for Healthcare Cyber Physical Systems	IEEE Transactions on Network Science and Engineering	https://doi.org/10.1109/TNSE.2022.3190765
9	Dr.Neer aj sharma	SCI	Design and evaluation of Swift routing for payment channel network	Block chain: Research and Applications	https://doi.org/10.1016/j.bcr.2023.100179



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S. No	Name of the Authors	Indexing SCI/SCIE/ SCOPUS/ WOS/ABD C	Title of the Paper	Book Name / publishers	DOI
1	Dr. Rubal Jeet	SCOPUS	Block chain Technology : Concepts and Applications	Wiley	10.1002/9781119792406.ch1
2	Ankur Srivastava	SCOPUS	Handwritten character recognition using machine learning and deep learning	Taylor & Francis	https://doi.org/10.1201/9781003350057
3	Dr.Kunal Gagneja	SCOPUS	Ultimate Networking	Book, Lambert Publishers.	ISBN 10: 6205514400 / ISBN 13: 9786205514405

(JULY 2023-JUNE 2024) FACULTY RESEARCH PUBLICATIONS (INTERNATIONAL CONFERENCES)

S. No	Faculty Name	SCI/SCIE/ SCOPUS/ WOS/ABD C	Title	International Conference	DOI
1	Dr.Rini Saxena	SCOPUS	Dynamic Disaster Management with Real-Time IoT Data Analysis and Response	2024 International Conference on Automation and Computation (AUTOCOM)	10.1109/AUTOCOM60220.2024.10486101



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		SCOPUS	Innovative Urban Solutions with IoT-Driven Traffic and Pollution Control	2024 International Conference on Automation and Computation (AUTOCOM)	10.1109/AUTOCOM60220.2024.10486103
		SCOPUS	An AI-Based Brain Stimulus Using Binaural Beats	International Conference on Latest Trends in Engineering and Technology	https://doi.org/10.3389/fncom.2024.1391025
		SCOPUS	Access Control Model for Data Analytics for Securing Data in Cloud Computing Environment	International Conference on Latest Trends in Engineering and Technology	https://doi.org/10.1201/9781032665443
		SCOPUS	An Algorithm to Train ANN for Security Breaches in Blockchain	International Conference on Latest Trends in Engineering and Technology	https://doi.org/10.1201/9781032665443
		SCOPUS	Effective Management for Resource Utilization in Cloud	International Conference on Latest Trends in Engineering and Technology	https://doi.org/10.1201/9781032665443 same doi



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			Environme nts		
		SCOPUS	Privacy preserved data sharing using blockchain and support vector machine for industrial IOT application s	Measurement: Sensors	<a href="https://doi.org/10.1016/j.mease
n.2023.100891">https://doi.org/10.1016/j.mease n.2023.100891
2	Dr. Puneet	SCOPUS	Alzheimer s Disease Prediction using Machine Learning Model	International Conference on Cognitive, Green and Ubiquitous Computing (IC-CGU)	10.1109/IC- CGU58078.2024.10530739
		SCOPUS	Redefining Security: Unveiling the Vulnerabil ities of Captcha Mechanis ms Using Deep Learning	International Conference on Emerging Smart Computing and Informatics (ESCI)	10.1109/ESCI59607.2024.1049 7359
3	Dr. Kunal Gagneja	SCOPUS	AI based System to Detect Dangerous Driving	IEEE Explore	



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					doi: 10.1109/ICCCNT61001.2024.10726279.
			AI Powered for Drones for wildlife protection	International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)	certificate
4	Ms. Sumanpreet kaur	SCOPUS	A Thorough Analysis Of Search Engine Optimisation Methods	International Conference on Latest Trends in Engineering & Technology	DOI:10.1201/9781032665443
		SCOPUS	Pragmatic Applications Of Digital Image Processing In Real Time	International Conference on Latest Trends in Engineering & Technology	DOI:10.1201/9781032665443
		SCOPUS	A Unique Perspective on the applications of mathematics in medicine	International Conference on Latest Trends in Engineering & Technology	DOI:10.1201/9781032665443



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5	Ms. Aarju	SCOPUS	Advancing Horizons: Exploring the Aerospace IoT Revolution – Analysis, Advancements, and Prospects for the Future	2024 3rd International Conference for Innovation in Technology (INOCON) Karnataka, India. Mar 1-3, 2024	DOI: 10.1109/INOCON60754.2024.10512339
		SCOPUS	Enhancing Flower Classification Through Deep Learning: A Comprehensive Investigation	024 International Conference on E-mobility, Power Control and Smart Systems (ICEMPS)	DOI: 10.1109/ICEMPS60684.2024.10559309
		SCOPUS	IoT Integration in Agricultural Infrastructure: From Fields to Clouds	2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)	DOI: 10.1109/RMKMATE59243.2023.10369026
		SCOPUS	Role of IoT in Building Smart	2023 3rd Asian Conference on Innovation in	DOI: 10.1109/ASIANCON58793.2023.10270462



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			Healthcare Infrastruct ure	Technology (ASIANCON) Pune, India. Aug 25-27, 2023	
		SCOPUS	Sensing the Future: Challenges and Trends in IoT Sensor Technolog y.	4th International Conference on Innovation Practices in Technology and Management (ICIPTM 2024)	DOI: 10.1109/ICIPTM59628.2024.1 0563962
		SCOPUS	The Impact of the IoT on Military Operations : A Study of Challenges , Applicatio ns, and Future Prospects	4th International Conference on Innovation Practices in Technology and Management (ICIPTM 2024)	DOI: 10.1109/ICIPTM59628.2024.1 0563671
		SCOPUS	The integration of IoT in learning environme nts: Assessing the impact of educationa l empowerm ent and addressing	4th International Conference on Innovation Practices in Technology and Management (ICIPTM 2024)	DOI: 10.1109/ICIPTM59628.2024.1 0563682

			its challenges		
		SCOPUS	Unveiling the Synergy: IoT and Digital Twins in Transforming Industries	2023 3rd International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON) Karnataka, India. Dec 29-31, 2023	DOI: 10.1109/SMARTGENCON60755.2023.10442175
6	Ms Deeksha Verma	SCOPUS	Access Control Model for data analytics for securing data in cloud computing environment	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443
		SCOPUS	An algorithm to train ANN for security breaches in blockchain	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443
		SCOPUS	A survey of big data problems and opportunities	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443



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			es for large enterprises :Edge computing VS Cloud computing	Technology July 2023	
		SCOPUS	Effective management for resource utilization in cloud environments	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443
7	Ms Rohini Mahajan	SCOPUS	A Thorough Analysis of Search Engine Optimization Methods	International Conference on Latest Trends in Engineering and Technology July 2023	10.1201/9781032665443-15
		SCOPUS	Pragmatic Applications of Digital Image Processing in Real Time	International Conference on Latest Trends in Engineering and Technology July 2023	DOI:10.1201/9781032665443
8	Ms. Neha Dhiman	SCOPUS	Comparative Analysis of Machine Learning Models for Prediction of Heart Attacks	First International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAECCI)	10.1109/ICICCS53718.2022.9788408



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10	Ms. Meenakshi Garg	SCOPUS	Language Translator of Text Documents Using Machine Learning Tools	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443
		SCOPUS	A Hybrid CNN–SVM Model for Early Detection and Classification of Sweet Potato Leaf Diseases	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443
11	Ms. Amandeep Kaur	SCOPUS	Review of Cloud Computer Technologies: Trends, Challenges and Future Directions	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1063/5.0222135
		SCOPUS	A Survey of Big Data Problems and Opportunities for Large Enterprises : Edge Computing	International Conference on Latest Trends in Engineering and Technology July 2023	https://doi.org/10.1201/9781032665443

			vs Cloud Computing		
12	Dr. Shan ky Goyal	SCOPUS	An Innovative New Open Computer Vision Framework Via Artificial Intelligence with Python	International Conference on Data Science and Network Engineering	10.1007/978-981-99-6755-1_8
		SCOPUS	IoT based vehicle management system in medical Emergency	Proceedings of the 1st International Conference on Artificial Intelligence and Information Technologies (ICAIIT 2023), 3–4 November 2023, Samarkand, Uzbekistan, Volume 2	https://doi.org/10.1201/9781003510833
13	Dr. Ravn eet Kaur	SCOPUS	Role of pedestrian Detection in IOV: A	IEEE 2nd International Conference on Industrial Electronics:	https://doi.org/10.1109/ICIDeA59866.2023.10295064

			systematic Review	Developments & Applications (ICIDeA)	
		SCOPUS	Comparative Analysis of Machine Learning and Deep Learning Techniques for VANETs	International Conferences on Contemporary Computing and Informatics	10.1109/IC3I59117.2023.10397957
		SCOPUS	Traffic Delay Analysis for Intelligent Transportation System using Deep Learning	IEEE 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDeA)	https://doi.org/10.1109/ICIDeA59866.2023.10295168
		SCOPUS	Deep learning-based road surface classification for intelligent vehicles	Taylor and Francis Group	10.1201/9781003367161-15
14	Dr.Ashima shahi	SCOPUS	Architecture, Protocols and Challenges of Internet of Things: An Overview	International Conference on Energy Systems, Drives and Automation	https://doi.org/10.1007/978-981-99-3691-5_40



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15	Dr.Arpit a	SCOPUS	IOT Based Real-Time Monitorin g System for Precision Agricultur e	14th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	10.1109/Confluence60223.202 4.10463399
16	Jaspreet Kaur	SCOPUS	Machine Learning crop yield prediction in Indian agriculture	ICITEE(4th International Conference on Innovative Trends in Electronics Engineering)	Certificate
	Ankur Srivasta va	SCOPUS	Cauliflowe r Leaf Disease: Unraveling Severity Levels with Federated Learning CNN	IEEE	10.1109/INOCON60754.2024. 10511798
18	Kiran Bala	SCOPUS	CNN Used for Image Classificati on to Diagnose Patients with Gastrointe stinal Bleeding Using Deep Learning	International Conference on Latest Trends in Engineering and Technology	https://doi.org/10.1201/978103 2665443
19	Kunal Gagneja	SCOPUS	Safe Design of Motorcycl es Using	ICCCNT	10.1109/ICCCNT56998.2023.1 0308038



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			Fuzzy Logic, Global Navigation Satellite Systems and Sensors		
20	Dr. Neeraj Sharma	SCOPUS	Distributed Routing Algorithms for Concurrent Execution of Transactions in PCNs	2023 IEEE 7th International Conference on Fog and Edge Computing (ICFEC)	10.1109/ICFEC57925.2023.00015
21	Dr. Avinash Sharma	SCOPUS	Dynamic Disaster Management with Real-Time IOT Data Analysis and Response	IEEE Explore	10.1109/AUTOCOM60220.2024.10486101
		SCOPUS	Innovative Urban Solutions with IoT-Driven Traffic and Pollution Control	IEEE Explore	10.1109/AUTOCOM60220.2024.10486103
		SCOPUS	Remaining Useful Life Improvement for Electrical Machines Using	IEEE Explore	10.1109/ICRITO61523.2024.10522291



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			Ensemble Learning Technique		
		SCOPUS	An Augmented Approach to Vehicle - Type Classification using Deep Transfer Learning Approaches with adam Optimizer	IEEE Explore	10.1109/ICRITO61523.2024.10522330
		SCOPUS	Enhancement of Virtual Machine Migration using Artificial Bee Colony Algorithm	IEEE Explore	10.1109/ICRITO61523.2024.10522136
		SCOPUS	Securing IOT Devices and Networks with Role of Cryptography	IEEE Explore	10.1109/ICRITO61523.2024.10522308

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S. No	Faculty Name	Indexing SCI/SCIE/ SCOPUS/ WOS/ABD C	Title	Journal Name	DOI
1	Dr. Rini Saxena	SCOPUS	Smart Grid Sensor Monitoring Based on Deep Learning Technique with Control System Management in Fault Detection	International Journal of Communication Networks and Information Security	https://doi.org/10.17762/ijcnis.v14i3.5600
	Ms. Anmol Awasthi	SCOPUS	Multiple Image Watermarking Approach Based On Anfis For Copyright Protection And Image Authentication	International Journal For Research In Applied Science & Engineering Technology	10.22214/ijraset.2022.40482
3	Dr. Avinash Sharma	SCI Q1	Block chain In Healthcare: Moving Towards a Methodological Framework For Protecting Biomedical Databases	Journal Of Discrete Mathematical Sciences And Cryptography	10.1080/09720529.2022.2068598

		SCI	Comprehensive Analysis Of Services Towards Enhancing Security In Iot-Based Agriculture	Science Direct Journal (Elsevier)	https://doi.org/10.1016/j.measen.2022.100599
		SCI	Agroky: An Approach For Enhancing Security Services In Precision Agriculture	Science Direct Journal (Elsevier)	https://doi.org/10.1016/j.measen.2022.100449
		SCI	Industrial Quality Healthcare Services Using Internet Of Things And Fog Computing Approach	Science Direct Journal (Elsevier)	https://doi.org/10.1016/j.measen.2022.100517
4	Dr.Rubal Jeet	SCOPUS	E-biomedical: a positive prospect to monitor human healthcare system using blockchain technology	World Journal of Engineering. Emerald Publishing Limited	10.1108/WJE-10-2020-0475

5	Dr. Shanky Goyal	Q1	An Optimized Framework for Energy-Resource Allocation in A Cloud Environment based on the Whale Optimization Algorithm	MDPI Sensors	https://doi.org/10.3390/s21051583
6	Dr. Neeraj Sharma	SCOPUS	Cognitive Based Attention Deficit Hyperactivity Disorder Detection with Ability Assessment Using Auto Encoder Based Hidden Markov Model	International Journal of Communication Networks	10.17762/ijcnis.v14i2.5464
7	Dr. Arpit a	SCOPUS	Contextual AI Assistant Using Transformers and NLP	International Journal of Advance Research and Innovative Ideas in Education (IJARIIE)	16.0415/IJARIIE-18922
8	Kamalpreet Singh	SCOPUS	Time series analysis of COVID-19 cases	World Journal of Engineering	10.1108/WJE-09-2020-0431



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		Springer Nature	Contemporary quantum computing use cases: taxonomy, review and challenges	Archives of Computational Methods in Engineering	10.1007/s11831-022-09809-5
9	Dr. Prabhjot Kaur	Springer Nature	A hybrid weighted fuzzy approach for brain tumor segmentation using MR images	Neural Computing and Applications	https://doi.org/10.1007/s00521-021-06010-w
10	Dr. Kunal Gagneja	SCOPUS	Accident detection system using laser, multiple sensors and GNSS	IJVS	https://doi.org/10.1504/IJVS.2022.129620
11	Ms Rohini Mahajan	UGC	A study on a tensorflow/ Keras-based real time face mask identification technique based on Artificial Intelligence	International Journal of Creative Research Thoughts	https://www.ijcrt.org/papers/IJCRT2212332.pdf
12	Ms Rohini Sharma	UGC	The Eccentricity of software development for	IJARCCE	DOI: 10.17148/IJARCCE.2022.11138



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			Potable gadgets		
		UGC	Exploring on machine learning and its process and growth	IJIRCCE	https://drive.google.com/drive/folders/1aqdPs4ztaELrx0SlGVcWZeWSW1kUv8so?usp=drive_link
		UGC	Usage of Cryptography in Cloud computing	IJARCCE	https://drive.google.com/drive/folders/1aqdPs4ztaELrx0SlGVcWZeWSW1kUv8so?usp=drive_link
13	Ms Kawalpreet Kaur	UGC	Design an Implementation of Routing Algorithm Using PSO	International Journal of All Research Education and Scientific Methods (IJARESM)	https://www.ijaresm.com/design-an-implementation-of-routing-algorithm-using-psy
14	Ms Meenakshi Garg	UGC	Virtual Personal Assistant Using Artificial Intelligence	International Journal of Creative Research Thoughts	https://ijcrt.org/papers/IJCRT212353.pdf
15	Ms Kiran Bala	UGC	Credit card fraud detection and classification by deep learning and machine learning	Global Journal of Engineering and Technology Advances	10.30574/gjeta.2022.13.3.0202

(July 2022- June 2023)- FACULTY RESEARCH PUBLICATIONS (BOOK CHAPTERS)



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S. No	Name of the Authors	Indexing SCI/S CIE/ SCOPUS/ WOS /ABDC	Title of the Paper	Book Name / publishers	DOI
1	Dr. Ravneet Kaur	SCOPUS	A Multi-Domain Perspective of Future Directions of VANETs for Emergency Message Dissemination –	Wiley Publishers Book Chapter in IoT Enabled Smart Healthcare Systems, Services, and Applications 2022	10.1002/9781119816829.ch9
2	Dr. Ashima Shahi	SCOPUS	Energy conservation approaches in the internet of things: Green IoT	Internet of Everything: Smart Sensing Technologies	https://www.scopus.com/record/display.uri?eid=2-s2.0-85152979814&origin=resultslist
3	Dr. Avinash Sharma	SCOPUS	Telemedicine Using Machine Learning: A Boon	Bentham Science	10.2174/9789815079272122010006
		SCOPUS	Applications Of Internet Of Things In Telemedicine	Bentham Science	10.2174/9789815079272122010003



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INDEXED INTERNATIONAL CONFERENCE)**

S.no	Faculty Name	SCI/SCIE/SCOPUS/WOS/ABDC	Title	International Conference	DOI
1	Dr. Rini Saxena	SCOPUS	Energy-Aware Dynamic Offloading over IoT-based Mobile Edge Networks	2022 International Conference on Futuristic Technologies (INCOFT)	DOI: 10.1109/INCOFT55651.2022.10094423
		SCOPUS	Development of Smart Motion Biosensor for Power Management and Monitoring	2022 5th International Conference on Contemporary Computing and Informatics (IC3I)	DOI: 10.1109/IC3I56241.2022.10073465
		SCOPUS	Automated Road lights Powered by Solar Energy	2022 11th International Conference on System Modeling & Advancement in Research Trends (SMART)	DOI: 10.1109/SMART55829.2022.10046671
		SCOPUS	A Comprehensive Analysis of Testing Efforts Using the Avisar Testing Tool for Object	Intelligent Sustainable Systems: Selected Papers of WorldS4 2021, Volume 2	10.1007/978-981-16-6369-7_34

			Oriented Softwares		
		SCOPUS	An Efficient Artificial Intelligence Model to Predict the Values of Cryptocurrencies	Mathematical Statistician and Engineering Applications	https://doi.org/10.17762/msea.v71i4.1226
2	Ms.Sakshi sharma	SCOPUS	Unconventional Research on the Consequences of Insulating Material Damage Problem within Distribution Transformers Lamination	5th International Conference on Contemporary Computing and Informatics (IC3I)	DOI:10.1109/IC3I56241.2022.10072629
3	Ms.Divyanshi Chhabra	SCOPUS	Management of automation activities in the production process for a motor transport manufacturing using smart machine learning model	IEEE Xplore	DOI:10.1109/IIHC55949.2022.10060425
		SCOPUS	A reliable security model that protects ultra-dense enterprise	IEEE Published in: 2022 International Interdisciplinary Humanitarian Conference for	DOI:10.1109/IIHC55949.2022.10060063



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			cloud networks from highly vulnerable cyber attacks	Sustainability (IIHC)	
4	Dr.Avinash Sharma	SCOPUS	Automobile Price Prediction Using Regression Models	Icict (International Conferences On Inventive Computation Technologies	10.1109/ICICT54344.2022.9850657
		SCOPUS	Intelligent Breast Abnormality Framework For Detection And Evaluation Of Breast Abnormal Parameters	International Conference On Edge Computing And Applications (Icecca 2022)	10.1109/ICECAA55415.2022.9936206
		SCOPUS	Analysis Of Virtual Reality And Augmented Reality SdkS And Game Emgines: A Comparison	International Conference On Edge Computing And Applications (Icecca 2022)	10.1109/ICECAA55415.2022.9936111
		SCOPUS	Data Analytics And Cloud-Based Platform For Internet Of Things Applications In Smart Cities	International Conference On Industry 4.0 Technology	10.1109/I4Tech55392.2022.9952780
		SCOPUS	Deep Learning Based	International Conference On Communication	10.1109/ICCES54183.2022.9835882



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			Detection And Prediction Of Omicron Diagnosis On Collected Symptoms	And Electronics System (Icces 2022)	
		SCOPUS	Design And Implementation Of A System For Vehicle Accident Reporting And Tracking	International Conference On Communication And Electronics System (Icces 2022)	10.1109/ICCES54183.2022.9835896
		SCOPUS	Automatic Detection Of Cassava Leaf Disease Using Transfer Learning Model	ICECA 2022	10.1109/ICECA55336.2022.10009338
		SCOPUS	Impact Of Efficientnet B3 For Stratification Of Tomato Leaves Diseases	ICECA 2022	10.1109/ICECA55336.2022.10009270
		SCOPUS	Ton-Iot:Detection Of Attacks On Iot Devices In Vehicular Networks	ICECA 2022	10.1109/ICECA55336.2022.10009070
		SCOPUS	Brain Tumor Detection Using Vgg19 Model On Adadelta And	ICECA 2022	10.1109/ICECA55336.2022.10009496



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			Sgd Optimizer		
		SCOPUS	Comprehensive Analysis For Classification And Segmentation Of Gastro Intestine Tract	ICECA 2022	10.1109/ICECA55336.2022.10009547
		SCOPUS	Optimizing Water Quality Parameters Using Machine Learning Algorithms	International Conference On Mobile Radio Communication & 5G Networks 2022	10.1007/978-981-19-7982-8_53
		SCOPUS	A Critical Analysis Of Ai Based Techniques For Heart Disease Prediction	International Conference On Mobile Radio Communication & 5G Networks 2022	10.1007/978-981-19-7982-8_19
		SCOPUS	An Optimized Deep Learning Model For Grassy Shoot Disease Prediction In Sugarcane	ICOEI 2023	10.1109/ICOEI56765.2023.10126045
		SCOPUS	Cntfet- Based 1-Bit Comparator Design Using Low-Power	ICSCDS 2023	10.1109/ICSCDS56580.2023.10104888



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			Logic Circuit Techniques		
		SCOPUS	Implementation Of An Energy Efficient Flip Flop By Using Kintex, Virtex And Genesys Fpga Families	ICSCDS 2023	10.1109/ICSCDS56580.2023.10104999
		SCOPUS	Impact Of Adam. Adadelta, Sgd On Cnn For White Blood Cell Classification	ICSSIT 2023	10.1109/ICSSIT55814.2023.10061068
		SCOPUS	89nw Class AB Bulk Driven Quasi Floating Gate Two Stage Operational Transconductance Amplifier	ICSSIT 2023	10.1109/ICSSIT55814.2023.10061065
		SCOPUS	Automation In Fog Cloud Assisted Internet Of Things Ecosystem: Challenges, Components And Protocols	ICIDCA 2023	10.1109/ICIDCA56705.2023.10100162
		SCOPUS	Understanding The Behaviour Of	ICIDCA 2023	10.1109/ICIDCA56705.2023.10099595

			Android Sms Malware Attacks With Real Smartphones Datasets		
		SCOPUS	Stratification Of Eye Gaze Using The Proposed Convolution Neural Network Model	ICIDCA 2023	10.1109/ICIDCA56705.2023.10100102
		SCOPUS	Human Action Detection Using Efficient NetB3 Model	ICCMC 2023	10.1109/ICCMC56507.2023.10083926
		SCOPUS	Technical Report On Metaverse	ICAIS 2023	No data32wa
		SCOPUS	Design Of Low Power High-Gain Transimpedance Amplifier	ICSSIT 2023	10.1109/ICSSIT55814.2023.10060885
5	Ms.Richa Dogra	SCOPUS	A reliable security algorithm that protects ultra-dense enterprise cloud networks from highly vulnerable cyber attacks	IEEE Xplore	10.1109/IIHC55949.2022.10060063



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		SCOPUS	An implementation of intelligent routing scheme to find the efficient network management in Wireless sensor networks	IEEE Xplore	10.1109/IIHC55949.2022.10060041
		SCOPUS	Mitigate Complexities In Algorithms Using The Computation Virtual Instrument	IEEE Xplore	10.1109/SMART55829.2022.10046674
6	Ms.Aarju	SCOPUS	An intelligent battery power control model for cellular devices in 5G ultra wide-band communication networks	IEEE Xplore	10.1109/IIHC55949.2022.10060681
7	Ms.Kawalpreet	SCOPUS	An Intuitive User Interface Model for Circuit Prototyping to Create Powerful Battery in the Form of Transient Diagrams	IEEE Xplore	10.1109/IIHC55949.2022.10059996



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8	Ms.Sum anpreet Kaur Mand	SCOPU S	Authenticatio n tokens based smart backup and recovery system for modern android systems	IEEE Xplore	10.1109/IIHC55949.2022.10060 572
9	Ms.Bhan u Sharma	SCOPU S	Calculation of permissible current strength for cables and wires with long-term permissible current loads by heating the conductors in fire alarm	IEEE Xplore	10.1109/IIHC55949.2022.10060 069
10	Ms.Neha Dhiman	SCOPU S	Management of automation activities in the production process for a motor transport manufacturin g using smart machine learning model	IEEE Xplore	DOI: 10.1109/IIHC55949.2022.10060 425
11	Ms.Rohi ni Mahajan	SCOPU S	Implementati on of Deep Learning Techniques for Secure IoT Networks	IEEE Xplore	DOI: 10.1109/INCOFT55651.2022.10 094474



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12	Ms.Soni a Sharma	SCOPUS	DL-based Visual Interpretability over Medical Images using StyleGAN	IEEE Xplore	OI: 10.1109/INCOFT55651.2022.10 094510
13	Ms.Deek sha Verma	SCOPUS	Massive Data Management in Healthcare Systems using Edge Computing and Internet of Things	IEEE Xplore	DOI: 10.1109/INCOFT55651.2022.10 094535
		SCOPUS	Approaches For Data Analysis In Wsn	IEEE Xplore	10.1109/SMART55829.2022.10 046819
14	Ms.Mee nakshi Garg	SCOPUS	Trust-Aware Certificate less Signature on IIoT Sensors using Block chain Technology	IEEE Xplore	10.1109/INCOFT55651.2022.10 094457
15	Ms.Har mandeep Kaur	SCOPUS	Healthcare Monitoring and Concurrent Medical Service Consultation using Deep Learning and Optimization Techniques in Io-MT	IEEE Xplore	10.1109/INCOFT55651.2022.10 094325
16	Ms.Kira n Bala	SCOPUS	Privacy- Enhanced And Verifiable	IEEE Xplore	DOI: 10.1109/ICDCECE57866.2023. 10150563

			Compressed Sensing Reconstruction For Medical Image Processing In Cloud		
17	Dr.Puneet	SCOPUS	Optical coherence tomography image based eye disease detection using deep Convolutional neural network	Springer International Publishing	10.1007/s13755-022-00182-y
		SCOPUS	A Hybrid Technology Based E-Clinical Diagnosis for Eye Diseases: A Framework	IEEE Xplore	https://doi.org/10.1109/CCiCT56684.2022.00044
		SCOPUS	Cardiovascular Disease Prediction Analysis using Classification Techniques	IEEE Xplore	https://doi.org/10.1109/DELCON54057.2022.9753356
		SCOPUS	A Hybrid based E-Clinical Detection for Brain Tumor using MRI Scans	IEEE Xplore	https://doi.org/10.1109/ICICICT54557.2022.9918007

		SCOPUS	A Deep Learning Based Brain Tumor Detection Using MRI Scans	IEEE Xplore	https://doi.org/10.1109/ICICICT54557.2022.9917863
18	Dr.Ravneet Kaur	SCOPUS	Deep COVID-19 Face Mask Detection in Public Using Transfer Learning – Conference 2022.	IEEE Xplore	10.1109/ICRITO56286.2022.9965090
		SCOPUS	E-Stretcher Design for Transporting Patients in Pre-Hospital and In-Hospital During Emergency-Conference 2022.	IEEE Xplore	10.1109/ICRITO56286.2022.9965143
		SCOPUS	Prediction and Classification of Cardiovascular Diseases using Ensemble Learning – Conference 2022.	IEEE Xplore	10.1109/ICACITE53722.2022.9823750
19	Dr.Ashima Shahi	SCOPUS	Various Current Mirror	ICACITE 2022	10.1109/ICACITE53722.2022.9823824



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			Topologies: A Survey		
20	Kamalpreet Singh	SCOPUS	Emotion Quantification Using Variational Quantum State Fidelity Estimation	IEEE Xplore	10.1109/ACCESS.2022.3216890