

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

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

S. No	Name of the Author s	Indexing SCI/SCIE/ SCOPUS / WOS/ABDC	Title of the Paper	Book Name/publishers	DOI
			ethical considerations		
1	Dr.Ravneet 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
			Predictive Analysis		
		SCOPU S	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
		SCOPU S	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
		SCOPU S	Iot-Enabled Predictive Healthcare Monitoring Using Machine Learning	IEEE Conference Proceeding	https://doi.org/10.1007/978-981-97-5146-4_15

			Models		
			Abduction and Child Trafficking		

			Patterns Using Sensors		
2	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
3	Ms. Kawalpreet Kaur	SCOPUS	Edge computing technologies: A comprehensive review and future perspectives	RACCAI Conference Proceeding	DOI:10.1063/5.0221543
4	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

(July 2023-JUNE 2024) FACULTY RESEARCH PUBLICATIONS (INTERNATIONAL JOURNALS)

S. No	Faculty Name	Indexing SCI/SCIE/ SCOPUS/ WOS/ABDC	Title	Journal Name	DOI
1	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/IJISAE/article/view/3221

			Monitoring Systems for Humans Based on IoT	Information Systems and Informatics (IJHISI)	
2	Dr. Shanky 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
3	Mr. Ankur Srivastava	SCOPUS	Futuristic Dustbin using Arduino	Grenze International Journal of Engineering and Technology,	Grenze ID: 01.GIJET.9.2.57
		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

(July 2023- June 2024) FACULTY RESEARCH PUBLICATIONS (BOOK CHAPTERS)

S. No	Name of the Author s	Indexing SCI/SCIE/ SCOPUS/ WOS/ABD C	Title of the Paper	Book Name / publishers	DOI
1	Ankur Srivastava	SCOPUS	Handwritten character recognition using machine learning and deep learning	Taylor & Francis	https://doi.org/10.1201/9781003350057

(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. Shanky 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 (ICAIIIT 2023), 3–4 November 2023, Samarkand, Uzbekistan, Volume 2	https://doi.org/10.1201/9781003510833
2	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
3	Dr.Arpit a	SCOPUS	IOT Based Real-Time Monitoring System for Precision Agriculture	14th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	10.1109/Confluence60223.2024.10463399
4	Ankur Srivastava	SCOPUS	Cauliflower Leaf Disease: Unraveling Severity Levels with Federated Learning CNN	IEEE	10.1109/INOCON60754.2024.10511798

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S. N o	Faculty Name	Indexing SCI/SCIE/ SCOPUS/ WOS/ABD C	Title	Journal Name	DOI
1	Ms. Anmol Awasthi	SCOPUS	Multiple Image Watermarki ng Approach Based On Anfis For Copyright Protection And Image Authenticat ion	International Journal For Research In Applied Science & Engineering Technology	10.22214/ijraset.2022.40482
2	Dr.Avin ash Sharma	SCI Q1	Block chain In Healthcare: Moving Towards a Methodolog ical Framework For Protecting Biomedical Databases	Journal Of Discrete Mathematical Sciences And Cryptography	10.1080/09720529.2022.20685 98

		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
3	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

4	Dr.Arpit a	SCOPUS	Contextual AI Assistant Using Transformers and NLP	International Journal of Advance Research and Innovative Ideas in Education (IJARIE)	16.0415/IJARIE-18922
5	Ms Kawalpreet Kaur	UGC	Design and Implementation of Routing Algorithm Using PSO	International Journal of All Research Education and Scientific Methods (IJARESM)	https://www.ijaresm.com/design-and-implementation-of-routing-algorithm-using-pso
6	Ms Meenakshi Garg	UGC	Virtual Personal Assistant Using Artificial Intelligence	International Journal of Creative Research Thoughts	https://ijert.org/papers/IJCRT212353.pdf
7	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

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S. No	Name of the Author s	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 PublishersBook Chapter in IoT Enabled Smart Healthcare Systems, Services, and Applications 2022	10.1002/9781119816829.ch9
2	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

**(July 2022-June 2023)- FACULTY RESEARCH PUBLICATIONS (SCOPUS INDEXED
INTERNATIONAL CONFERENCE)**

S.no	Faculty Name	SCI/SCIE/ SCOPUS/ WOS/ABDC	Title	International Conference	DOI
1	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 Engines: 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

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

			Sgd Optimizer		
		SCOPU S	Comprehensi ve Analysis For Classification And Segmentation Of Gastro Intestine Tract	ICECA 2022	10.1109/ICECA55336.2022.100 09547
		SCOPU S	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
		SCOPU S	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
		SCOPU S	An Optimized Deep Learning Model For Grassy Shoot Disease Prediction In Sugarcane	ICOEI 2023	10.1109/ICOEI56765.2023.1012 6045
		SCOPU S	Cntfet- Based 1- Bit Comparator Design Using Low-Power	ICSCDS 2023	10.1109/ICSCDS56580.2023.10 104888

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

			Android Sms Malware Attacks With Real Smartphones Datasets		
		SCOPU S	Stratification Of Eye Gaze Using The Proposed Convolution Neural Network Model	ICIDCA 2023	10.1109/ICIDCA56705.2023.10100102
		SCOPU S	Human Action Detection Using Efficient NetB3 Model	ICCMC 2023	10.1109/ICCMC56507.2023.10083926
		SCOPU S	Technical Report On Metaverse	ICAIS 2023	No data32wa
		SCOPU S	Design Of Low Power High-Gain Transimpedance Amplifier	ICSSIT 2023	10.1109/ICSSIT55814.2023.10060885
2	Ms.Kawalpreet	SCOPU S	An Intuitive User Interface Model for Circuit Prototyping to Create Powerful Battery in the Form of Transient Diagrams	IEEE Xplore	10.1109/IHC55949.2022.10059996

		SCOPUS	A Deep Learning Based Brain Tumor Detection Using MRI Scans	IEEE Xplore	https://doi.org/10.1109/ICICICT54557.2022.9917863
3	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
4	Dr.Ashima Shahi	SCOPUS	Various Current Mirror	ICACITE 2022	10.1109/ICACITE53722.2022.9823824

			Topologies: A Survey		
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