

Quality of Publications

Details of peer reviewed journal papers published

S. No	Name of the Faculty	Journal Name & Title of Paper	Month & year of publication	ISBN number / ISSN number, Vol, Issue, page number, DOI	Online / Hard copy	Indexed (SCI / SCIE / Scopus / WoS / UGC)
(2023-24)						
1	RAJESWARI P	Abandon Person Detection Using Raspberry Pi	Volume 10 Issue 4 – APRIL 2024	ISSN [ONLINE]: 2395-1052	Hard copy	UGC
		IoT-Powered Smart Garden Management for Horticulture	Volume 7 Issue 2, Mar-Apr 2024	ISSN: 2581-7175	Hard copy	UGC
2	KARTHIGA B	Design Of a Classifier Model for Heart Disease Prediction Using Normalized Graph Model	March 2024	DOI: 10.56294/sctconf2023653	Hard copy	SCI
		Modelling a Normalized Classifier for Heart Disease Prediction, Salud, Ciencia y Tecnología – Serie de Conferencias	2024	3:653	https://conferencias.ageditor.ar/index.php/sctconf/article/view/1065	Scopus
3	SHREE K V M	Design Of Surface Plasmon Resonance (SPR) Sensors for Highly Sensitive Bimolecular Detection in Cancer Diagnostics	15 May 2024	DOI: https://doi.org/10.1007/s11468-024-02343-z	https://link.springer.com/article/10.1007/s11468-024-02343-z	springer
		Advanced Plasmonic Resonance Enhanced Biosensor for Comprehensive Real Time Detection and Analysis of Deep Fake Content	Volume 20,2024	DOI: https://doi.org/10.1007/s11468-024-02407-0	https://link.springer.com/article/10.1007/s11468-024-02407-0	springer
		Fabrication of rGO-Modified Ternary Metal Chalcogenide Hybrid Nanocomposite for High performance Super Capacitor, Diamond & Related Materials	2024	https://doi.org/10.1016/j.diamond.2024.111384	https://ouci.dntb.gov.ua/en/works/loed0OW7/	Elsevier

		Optical Fiber Links based A Thermal planar AWG for Ultra high thermal stability and Ultra low thermal sensitivity	Volume 10, Issue 8, Page No 1- 13,	ISSN No 12596 023 01456 8,	https://link.springer.com/article/10.1007/s12596-023-01456-8	springer
4	REKHA M	AI-Driven Image Annotation for Plant Disease Detection Using Google Cloud Vision Platform	Vol. 46: 100-112 (2024)	https://doi.org/10.52756/jjerr.2024.v46.008	https://qanalytics.in/journals/index.php/IJERR/article/view/3999	SCI
5	BOOPATHY T	Advanced Fire Suppression with Alert Integration	Volume 24 Issue 1 March 2024	ISSN: 2319-63191	Hardcopy	UGC
		Integrating IOT And Machine Learning for Advanced Agricultural Monitoring and Control	Volume 7 Issue 2, Mar-Apr 2024	ISSN: 2581-7175	Hardcopy	UGC
		Dynamic Network Security Leveraging Efficient CoviNet with Granger Causality-Inspired Graph Neural Networks for Data Compression in Cloud IoT Devices	29 August 2024	https://doi.org/10.1016/j.knosys.2024.112859	https://linkinghub.elsevier.com/retrieve/pii/S095070512401493X	SCI
		IOT Based Health Preventive Management System for Patient Information Discovery Using Ontology	(2024)	J. Electrical Systems 20-5s (2024): 1898-1908	Hard Copy	SCI
6	SATHISH KUMAR C	Vehicle To Light Communication Design Using an Efficient Learning Model	June2024	(DOI: http://doi.org/10.1016/jj.phycom.2023.102205)	https://www.sciencedirect.com/science/article/abs/pii/S1874490723002082	Elsevier
7	SASIKALA S	IoT-Based Smart Irrigation System Based Adaptive Radial Deep Neural Network (ARDNN) Algorithm Applicable for Various Agricultural Production	Accepted: 19/01/2024	ISSN:2147-679921	Hard Copy	SCI
		IoT Enabled Accident Monitoring and Preventing System	Volume 7 Issue 2, Mar-Apr 2024	ISSN: 2581-7175	Hard Copy	UGC

		Fisherman Tracking and Communication Using Wireless Water Communication	Volume 7 Issue 2, Mar-Apr 2024	ISSN: 2581-7175	Hard Copy	UGC
8	YOGESHWARAN A	A Multiple Resonant Micro Strip Patch Heart Shape Antenna for Satellite and Wi-Fi Communication	21 June 2024	https://doi.org/10.1007/s10470-024-02281-0	https://link.springer.com/article/10.1007/s10470-024-02281-0	Springer
		Chronic Lower Respiratory Diseases Detection Based on Deep Recursive Convolutional Neural Network	Vol. 10-No.4 (2024) pp. 744-752	ISSN: 2149-9144	Hard Copy	SCI
		Design A Multiband Micro Strip Patch Antenna Using L & S Slots for Wireless Communication	Volume:06/Issue:05/May-2024	ISSN: 2582-5208	fin_irjmets1715667952.pdf	UGC
		A Multiple Resonant Micro Strip Patch Heart Shape Antenna for Satellite and Wi-Fi Communication	Volume121, (2024)	DOI: 10.1007/s10470-024-02281-0	https://link.springer.com/article/10.1007/s10470-024-02281-0	Springer
		Chronic Lower Respiratory Diseases Detection Based on Deep Recursive Convolutional Neural Network	Vol. 10 No. 4 (2024)	DOI: https://doi.org/10.22399/ijcesen.513	Chronic Lower Respiratory Diseases detection based on Deep Recursive Convolutional Neural Network International Journal of Computational and Experimental Science and Engineering	SCI
		IOT Based Health Preventive Management System for Patient Information Discovery	Vol. 20 No. 5s (2024)	https://doi.org/10.52783/jes.2526	IOT Based Health Preventive Management System for Patient information discovery Using	SCI

		Using Ontology			Ontology Journal of Electrical Systems	
9	NOORJAHAN M	Metamaterial-Inspired Antenna For LTE, BLUETOOTH And WiMAX Systems with Dual Band Capability	6 Volume No.7 November - December – 2023	DOI:10.46647/ijetms.2023.v07i06.035 ISSN: 2581-4621	Vol-7-Issue-6-35.pdf	SCI
		Reconfigurable Triple-Band Antenna Inspired by Metamaterials for Wireless Communications	Volume 7 Issue 2, Mar-Apr 2024	ISSN: 2581-7175	Hard copy	UGC
(2022-23)						
1	RAJESWARI P	IOT Based Monitoring System of Life Saving Drug's Infusion, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	iot based monitoring system of life saving drugs infusion.pdf	UGC
		IOT Based Battery Monitoring System in Electric Vehicle, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	https://www.theijire.com/archives/iot_based_battery_monitoring_system_in_electric_vehicle.pdf	UGC
2	KARTHIGA B	Intelligent Intrusion Detection System for VANET Using Machine Learning and Deep Learning Approaches	13 October 2022	https://doi.org/10.1155/2022/5069104	Intelligent Intrusion Detection System for VANET Using Machine Learning and Deep Learning Approaches - Karthiga - 2022 - Wireless	WILEY

					Communications and Mobile Computing - Wiley Online Library	
		Effective Implementation of Experimental Learning in Higher Education Institutions: A Review on Learner Outcomes and Measures	VOLUME 8 ISSUE 5 2022	ISSN NO: 0363-8057	Hardcopy	SCI
		Need Of Skill Based Module to Enrich Professional Competencies in Buddy Engineers	VOLUME 9, ISSUE 4, 2022	ISSN NO: 1869-9391	Hard Copy	Scopus
3	REKHA M	Efficient River Water Quality Monitoring System Through IoT Platform	April 2023	(ISSN: 2455-2631)	https://www.ijedr.org/papers/IJEDR2304338.pdf	UGC
		Effective Implementation of Experimental Learning in Higher Education Institutions: A Review on Learner Outcomes and Measures	VOLUME 8 ISSUE 5 2022	ISSN NO: 0363-8057	Hard copy	UGC
4	BOOPATHY T	IOT Based Monitoring System of Life Saving Drugs Infusion, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	iot based monitoring system of life saving drugs infusion.pdf	UGC
		IOT Based Battery Monitoring System in Electric Vehicle, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	https://www.theijere.com/archives/iot_based_battery_monitoring_system_in_electric_vehicle.pdf	UGC

		IOT Based Fault Detection of Underground Cables Through Node MCU Modules	April 2023	(ISSN: 2455-2631)	https://www.ijedr.org/papers/IJEDR2304408.pdf	UGC
		Development Of Bluetooth Based Smart Home Security System and Home Automation	April 2023	(ISSN: 2455-2631)	https://www.ijedr.org/papers/IJEDR2304039.pdf	UGC
		IoT Established Observing Techniques for Life Saving Drug's Infusion	Volume 3, Issue 6 (November-December 2022)	ISSN: 2582-8746	Hard Copy	UGC
5	KHADAR BASHA N	IoT Based Monitoring System of Life Saving Drug's Infusion, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	iot_based_monitoring_system_of_life_saving_drugs_infusion.pdf	UGC
		IoT Based Battery Monitoring System in Electric Vehicle, International Journal of Innovative Research in Engineering	May-June (2023)	(ISSN: 2582-8746)	https://www.theijire.com/archives/iot_based_battery_monitoring_system_in_electric_vehicle.pdf	UGC
		The Adoption of Internet of Things to Monitor Electric Vehicle's Battery and Implementing Early Warning System	ISSN No: 2582-8746 Volume 3, Issue 6 (November-December 2022), PP: 268-270.	ISSN: 2582-8746	Hard Copy	UGC

6	GAYATHRI R	Vlsi Design of Approximate Baugh-Wooley Multiplier for Image Edge Computing	Volume 3, Issue 8, April 2023	ISSN (Online) 2581-9429	https://www.ijarsct.co.in/paper9537.pdf	UGC
7	SATHISH KUMAR C	IOT Based Human Body Communication Using Wearable Biometric Authentication	April 2023	ISSN: 2455-2631, volume 8, issue 4	https://www.ijedr.org/papers/IJSDR2304009.pdf	UGC
		Vehicle To Vehicle Communication Using Li-Fi Technology in International Journal of Science & Engineering Development Research	April 2023	ISSN: 2455-2631, volume 8, issue 4	https://www.ijedr.org/papers/IJSDR2304010.pdf	UGC
8	SASIKALA S	Hand Gesture Assistance System for Disabled/Dumb People Using Iot	June 2023	ISSN(Online): 2456-8805	Hard copy	UGC
		Wireless Sensor Network Application for IOT Based Healthcare System	May2023	ISSN: 2455-2631	https://www.ijedr.org/papers/IJSDR2305044.pdf	UGC
9	NITHIYA S	An Efficient Energy Management And Theft Alert Using Iot Enabled Smart Meters	Vol.8, Issue 3,27 June 2023, pg.20-28	ISSN(Online): 2456-8805	Hard Copy	Others
10	SARITHA M	VLSI Implementation of AES Algorithm in Cryptography Developed in Xilinx	Volume 3, Issue 8, April 2023	ISSN (Online) 2581-9429	https://www.ijarsct.co.in/paper9617.pdf	Others

11	SUJITHA B	Implementation Of Intelligent Navigation System for Shopping Using Smart Robots	Volume 3, Issue 1, May 2023	ISSN (Online) 2581-9429	https://www.ijarsct.co.in/Paper9696.pdf	Others
(2021-22)						
1	SATHYAKALA D	An Efficient Fir Filter Design Using Three-Operand Binary Adder	2021	ISSN: 2395-0072	Hard Copy	UGC
		Design Of Cylindrical Slot Antenna for FSS Configuration	Volume 9, Issue 1, September 2021	ISSN (Online) 2581-9429	Hard Copy	UGC
2	KARTHIGA B	A Novel Framework Combining BCI And IOT For the Detection of Activity of The Brain	18 Sep 2021	ISSN: 2641-3086 https://doi.org/10.17352/tcsit.000041	A Novel Framework Combining BCI And IOT For The Detection Of Activity Of The Brain	SCI
		Computerized Cup to Disc Relation (CDR) Estimation for Detecting Glaucoma with Optic Disc and Optic Cup Segmentation	Vol-05 Issues 01	ISSN: 2456-9348	Hard Copy	UGC
3	REKHA M	Cross-Tier Interference Mitigation In 3D Het Nets for LTE And Wi-Fi Access	01 March 2022	https://doi.org/10.32604/iasc.2023.027368	IASC Cross-Tier Interference Mitigation In 3D Het Nets For LTE And Wi-Fi Access	SCI
		Computerized Cup to Disc Relation (CDR) Estimation for Detecting Glaucoma with Optic Disc and Optic Cup Segmentation	Vol-05 Issues 01	ISSN: 2456-9348	Hard Copy	UGC
		A Novel Framework Combining BCI And IOT For the Detection of Activity of The Brain	18 Sep 2021	ISSN: 2641-3086 https://doi.org/10.17352/tcsit.000041	A Novel Framework Combining BCI And IOT For The Detection Of Activity Of The Brain	Scopus

4	KHADAR BASHA N	Design Of Wireless Electronic Notice Board Using IOT	May 2022	ISSN 2582-7421	Hard Copy	UGC
		Vehicle Anti-Theft Detection and Protection with Air Quality Iot Notification	03 December 2021	SSN: 2582-3981	Hard Copy	UGC
		Design Of Circularly Polarized Transmit Array Antenna Using Low-Profile Dual-Linearly Polarized Elements	October-December 2021	ISSN: 2456-883X	Hard Copy	UGC
5	GAYATHRI R	RFID- Based Mobile Indoor Assistive Navigation and Localization for Visually Impaired People	Nov-Dec 2021	ISSN: 2581-7175	Hard Copy	UGC
		Optimized Resource Management and Privacy Preserving Location-Based Query Using Scheduling Approaches in Edge Computing	Volume 8, Issue 3, August 2021	ISSN (Online) 2581-9429	Hard Copy	UGC
6	SASIKALA S	Underwater Li-Fi Communication for Monitoring Scuba Diver's Health	May 2022	ISSN 2582-7421	Hard Copy	UGC
7	YOGESHWARAN A	Optimized Neural Network-Based Micro Strip Patch Antenna Design for Radar Application	01 March 2022	DOI: 10.32604/Iasc.2023.026424	https://www.techscience.com/Iasc/V335n2/48875	SCI
		Design Of Reconfigurable Monopole Antenna for Cognitive Radio Application	Volume-6, Issue-6, June 2021	ISSN: 2395-3470	Hard Copy	UGC
		Vehicle Anti-Theft Detection and Protection with Air Quality Iot Notification	03 December 2021	ISSN: 2582-3981	Hard Copy	UGC
		Design Of Circularly Polarized Transmit Array Antenna Using Low-Profile Dual-Linearly Polarized Elements	October-December 2021	ISSN: 2456-883X	Hard Copy	UGC

		Iot Based Farm Housing Using NPK Sensors	08 May 2022	ISSN:1583-6258	Hard Copy	UGC
8	SUGANYA K	An Efficient Fir Filter Design Using Three-Operand Binary Adder	2021	Issn: 2395-0072	Hard Copy	UGC

Details of Year wise peer reviewed conference papers publication

S. No	Name of the Faculty	Title of paper	Conference name	Month & year of publication	ISBN number / ISSN number, Vol, Issue, page number, DOI	Online / hard copy
(2024-2025)						
1	SASIKALA S	IoT-Enabled Weather Monitoring System for Precision Agriculture and Smart Farming Decisions	International Conference	2025	https://doi.org/10.1109/ICESC65114.2025.11212543	https://ieeexplore.ieee.org/document/11212543
		IoT Enabled Smart Greenhouse for Climate Control and Crop Management	International Conference	2025	https://doi.org/10.1109/ICIMIA67127.2025.11200702	10.1109/ICIMIA67127.2025.11200702/20.10.2025

2	PARIMALA A	Optical Fibers performance parameters management under the control of spectral functional light sources with various wavelength windows and thermal effects	International Conference	2025	https://doi.org/10.1515/joc-2025-0017	https://www.degruyterbrill.com/document/doi/10.1515/joc-2025-0017/html
3	BOOPATHY T	Hybrid Deep Learning for Brain Tumor Detection Using Transfer Learning Models	International Conference	2025	https://doi.org/10.1109/IN-CIP64058.2025.11019932	https://ieeexplore.ieee.org/document/11019932
		A Hybrid Deep Learning Approach for Brain Tumor Recognition Using CNNs, Transformers, and Multi-Modal MRI Data	International Conference	2025	https://doi.org/10.1109/IC-EPE65965.2025.11139705	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11139705&isnumber=11139098
		Automated Brain Tumor Recognition Using Deep Learning And MRI Analysis	International Conference	2025	https://doi.org/10.2991/978-94-6463-858-5_206	https://www.atlantispress.com/proceedings/iccsce-25/126017448
		Dual Phase Intoxication Monitoring and Ignition Prevention system using STM32 for Two-Wheelers	International Conference	2025	https://doi.org/10.2991/978-94-6463-858-5_152	https://www.atlantispress.com/proceedings/iccsce-25/126017556
4	SUSIDRA S	Automated Certificate Generation Using Advanced Transformer-based Deep Learning, Blockchain, and Cloud Technologies for Secure Document Processing	International Conference	2025	10.2991/978-94-6463-858-5_14/ 04/11/2025	https://www.atlantispress.com/proceedings/iccsce-25/126017335
5	Dr A YOGESHWARAN	Dynamic network security leveraging efficient CoviNet with granger causality-inspired graph neural networks for data	International Conference		https://doi.org/10.1016/j.knosys.2024.112859	Dynamic network security leveraging efficient CoviNet with granger causality-inspired graph neural networks for data

	compression in cloud IoT Devices			compression in cloud IoT Devices - ScienceDirect
	Simulation Design of Low-Profile Equilateral Triangle Microstrip Patch Antenna	International Conference	10.1109/icdsis65355.2025.11071241	http://dx.doi.org/10.1109/icdsis65355.2025.11071241
	AI-Driven Resource Management in Wireless Networks	International Conference	10.1007/978-981-96-5607-3_22	https://link.springer.com/chapter/10.1007/978-981-96-5607-3_22
	Identifying False Injection Packet Transmission using SVM and Secure OLSR in Wireless Sensor Networks	International Conference	10.1109/icdcece65353.2025.11035330	Identifying False Injection Packet Transmission using SVM and Secure OLSR in Wireless Sensor Networks IEEE Conference Publication IEEE Xplore
	Advancements in Massive MIMO Technologies: Comprehensive Literature Survey on Channel Estimation	International Conference	10.1109/ICPCSN65854.2025.11035307	Advancements in Massive MIMO Technologies: Comprehensive Literature Survey on Channel Estimation IEEE Conference Publication IEEE Xplore
	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing	International Conference	10.1109/wconf64849.2025.11233491	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing IEEE

					Conference Publication IEEE Xplore
	Enhanced Energy Efficient Routing Protocol Based Adaptive Multipath Routing Protocol for Improving Wireless Network	International Conference		10.1109/icdsns65743.2025.11168693	Enhanced Energy Efficient Routing Protocol Based Adaptive Multipath Routing Protocol for Improving Wireless Network IEEE Conference Publication IEEE Xplore
	23Chapter 2 Adversarial machine learning and AI security: safeguarding Industry 4.0	International Conference		10.1515/9783112213049-002	Chapter 2 Adversarial machine learning and AI security: s...
	Design And Parametric Analysis of Microstrip S-Slot Antenna for Satellite Applications	International Conference		10.2991/978-94-6463-858-5_142	Design And Parametric Analysis of Microstrip S-Slot Antenna for Satellite Applications Atlantis Press

6	Dr K KALAISELVAN	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing	International Conference		10.1109/wconf64849.2025.11233491	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing IEEE Conference Publication IEEE Xplore
7	Dr B KARTHIGA	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing	International Conference		10.1109/wconf64849.2025.11233491	Revolutionizing USB Switching Systems with DeskHop Jr and Reconfigurable Computing IEEE Conference Publication IEEE Xplore
		Enhancing cancer detection in medical imaging through federated learning and explainable artificial intelligence: A hybrid approach for optimized diagnostics	International Conference		doi.org/10.1016/j.eij.2025.100751	https://www.sciencedirect.com/science/article/pii/S1110866525001446?ref=pdf_download&frr=RR-2&rr=9d1391666cdf8042
		Scalable and Low-Power AHB to APB Bridge for Reconfigurable SOC Architectures	International Conference		10.1109/ICEPE65965.2025.11139741	https://ieeexplore.ieee.org/document/11139741

8	Mrs.R.GAYATHRI	Early Identification of Eggplant Diseases using Cutting-Edge Deep Learning Models	International Conference	2025	10.1109/ICDSIS65355.2025.11070910	Early Identification of Eggplant Diseases using Cutting-Edge Deep Learning Models IEEE Conference Publication IEEE Xplore
		Predicting Crop Yield Using Machine Learning Algorithms for Precision Agriculture and Optimization Techniques	International Conference	2025	10.1109/ICDSNS65743.2025.11168531	Predicting Crop Yield Using Machine Learning Algorithms for Precision Agriculture and Optimization Techniques IEEE Conference Publication IEEE Xplore
9	Mr. R.PRAKASH	Optimized Design and Performance Analysis of a Graded Impedance Microstrip Low-Pass Filter for 6 Ghz Applications	International Conference	2025	10.2991/978-94-6463-858-5_178	https://www.atlantis-press.com/proceedings/iccsce-25/126017443
10	Mrs.M.NOORJAHAN	Design and Analysis of Multiband MIMO Antenna for WLAN Applications in Portable Electronics	International Conference	2025	10.1109/ICVADV63329.2025.10961214	Design and Analysis of Multiband MIMO Antenna for WLAN Applications in Portable Electronics IEEE Conference Publication IEEE Xplore

		Design And Parametric Analysis of Microstrip S-Slot Antenna for Satellite Applications	International Conference	2025	10.1109/ICVADV63329.2025.10961214 Design And Parametric Analysis of Microstrip S-Slot Antenna for Satellite Applications Atlantis Press
		Reconfigurable Micro Strip Patch Antenna Performance Improvement using Meta materials	International Conference	2025	10.2991/978-94-6463-858-5_143 Reconfigurable Micro Strip Patch Antenna Performance Improvement using Meta materials Atlantis Press
		Chapter 2 Adversarial machine learning and AI security: safeguarding Industry 4.0	International Conference	2025	10.1515/9783112213049-002 Chapter 2 Adversarial machine learning and AI security: s...
		Triple-Band Reconfigurable Antenna Driven By Metamaterial For Wireless Communication	International Conference	2025	10.2991/978-94-6463-754-0_20 Triple-Band Reconfigurable Antenna Driven By Metamaterial For Wireless Communication Atlantis Press
11	Mrs.M.SARITHA	Smart Prompting Device for Health and Monitoring System Using Cloud Integration	International Conference	2025	10.1109/ICDSNS65743.2025.11168757 https://ieeexplore.ieee.org/document/11168757
		Monitoring Heart Rate Variability and Forecasting Heart Diseases in	International Conference	2025	10.1109/ICISCN64258.2025.10934615 https://ieeexplore.ieee.org/document/10934615

		Electrocardiogram using Supervised Learning Algorithm				
		Advancements in Massive MIMO Technologies: Comprehensive Literature Survey on Channel Estimation	International Conference	2025	10.1109/ICPCSN65854.2025.11035307	Advancements in Massive MIMO Technologies: Comprehensive Literature Survey on Channel Estimation IEEE Conference Publication IEEE Xplore
		Real-Time Plant Disease Prediction Using XGBoost and IoT-Enabled Smart Agriculture System	International Conference	2025	10.2991/978-94-6463-858-5_12	Real-Time Plant Disease Prediction Using XGBoost and IoT-Enabled Smart Agriculture System Atlantis Press
12	Mrs.B.SUJITHA	Enhancing Brain Tumor Detection through Resnet50v2 Deep Learning Algorithm in Medical Imaging	International Conference	2025	10.1109/ICDSIS65355.2025.11071067	http://www.scopus.com/inward/record.url?eid=2-s2.0-105011828553&partnerID=MN8TOARS
		A Novel Approach to Lung Cancer Detection Using Gorilla Troops Optimization and Convolutional Neural Networks	International Conference	2025	10.2991/978-94-6463-858-5_174	http://dx.doi.org/10.2991/978-94-6463-858-5_174
		Human Tracking Robot Using Deep Learning for Real-Time Obstacle-Aware Navigation and Path Optimization			10.2991/978-94-6463-858-5_175	http://dx.doi.org/10.2991/978-94-6463-858-5_175
		DermCascade: A Cascaded Deep Learning Framework for	International Conference	2025	10.1109/icecmsn68058.2025.11382705	https://ieeexplore.ieee.org/document/11382705

		Reliable Skin Cancer Assessment				
13	Dr.P.Rajeswari	Identifying False Injection Packet Transmission using SVM and Secure OLSR in Wireless Sensor Networks	International Conference	2025	10.1109/icdcece65353.2025.11035330	Identifying False Injection Packet Transmission using SVM and Secure OLSR in Wireless Sensor Networks IEEE Conference Publication IEEE Xplore
		Enhanced Energy Efficient Routing Protocol Based Adaptive Multipath Routing Protocol for Improving Wireless Network	International Conference	2025	10.1109/icdsns65743.2025.11168693	Enhanced Energy Efficient Routing Protocol Based Adaptive Multipath Routing Protocol for Improving Wireless Network IEEE Conference Publication IEEE Xplore
		AI-Driven Energy Efficient 6G IOT Network with Blockchain Security and Digital Twin Optimization	International Conference		10.2991/978-94-6463-858-5_176	https://www.atlantispress.com/proceedings/iccsce-25/126017554
14	Mr. N. Khadar Basha	Vehicle To Vehicle Imparting System Using Wireless Optical Networking Technology	International Conference	2025	10.2991/978-94-6463-858-5_208	https://www.atlantispress.com/proceedings/iccsce-25/126017559
		Intelligent Portable Ventilation System Using RNN-Based Predictive Modeling	International Conference	2025	10.2991/978-94-6463-858-5_177	https://www.atlantispress.com/proceedings/iccsce-25/126017573
		Revolutionizing USB Switching Systems with	International Conference	2025	10.1109/WCONF64849.2025.11233491	https://ieeexplore.ieee.org/document/11233491

		DeskHop Jr and Reconfigurable Computing				
		Beamforming Strategies in Massive MIMO: Evolution and Optimization Techniques	International Conference	2025	10.1109/ICIMIA67127.2025.11200524	https://ieeexplore.ieee.org/document/11200524
		Microstrip Patch Antenna Arrays for 5G IoT and Smart Communication Systems: A Literature Review	International Conference	2025	10.1109/ICPCSN65854.2025.11034774	https://ieeexplore.ieee.org/document/11034774
		Design of Ultra-Wideband Organic Array Antenna for Wireless Power Transfer Application	International Conference	2025	10.1109/ICDCECE65353.2025.11034889	https://ieeexplore.ieee.org/document/11034889
		AI-Driven Resource Management in Wireless Networks	International Conference	2025	10.1007/978-981-96-5607-3_22	AI-Driven Resource Management in Wireless Networks Springer Nature Link
		AI-Driven Resource Management in Wireless Networks	International Conference	2025	10.1007/978-981-96-5607-3_22	AI-Driven Resource Management in Wireless Networks Springer Nature Link
15	Dr. C SATHISH KUMAR	Vehicle light communication design using an efficient learning model	International Conference	2025	https://doi.org/10.1016/j.phycom.2023.102205	http://sciencedirect.com/science/article/abs/pii/S1874490723002082
		Performance enhancement of Vehicle-to-Vehicle (V2V) distance measurement using ceramic Fiber optic VLC	International Conference	2025	https://doi.org/10.36410/jcpr.2025.26.2.313	https://www.dbpia.co.kr/Journal/articleDetail?nodeId=NODE12517917
		IoT-Enabled Weather Monitoring System for	International Conference	2025	10.1109/ICESC65114.2025.11212543	https://ieeexplore.ieee.org/document/11212543

		Precision Agriculture and Smart Farming Decisions				
		Empowering Agriculture: Classification of Diseases Affecting the Leaves and Spikes of Wheat Crop using Hybrid Deep Learning Methodology	International Conference	2025	10.1109/ICSSS58085.2023.10407078	https://ieeexplore.ieee.org/abstract/document/10407078
(2023-24)						
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2	NITHYA S	IoT-Enabled Smart Trolley with RFID For Smart Shopping	2024 International Conference on Computer Communication and Informatics (ICCCI),	Jan. 29 – 31, 2024,	ISSN 2473-7577	Hard copy
3	YOGESHWARAN A	IoT-Enabled Plant Root Monitoring for Improved Water and Nutrient Uptake with Long Short-Term Memory	2024 International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG)	6 TH Nov 2024	ISBN: 979-8-3315-1626-0 Paper ID - 0531	Hard copy
4	KHADAR BASHAN	IoT-Enabled Plant Root Monitoring for Improved Water and Nutrient Uptake with Long Short-Term Memory	2024 International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG)	6 TH Nov2024	ISBN: 979-8-3315-1626-0 Paper ID - 0531	Hard copy
5	BOOPATHY T	IoT-Enabled Plant Root Monitoring for Improved Water and Nutrient	2024 International Conference on Smart Technologies for	6 TH Nov 2024	ISBN: 979-8-3315-1626-0	Hard copy

		Uptake with Long Short-Term Memory	Sustainable Development Goals (ICSTSDG)		Paper ID - 0531	
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		Indistinguishability Obfuscation: A Key Enabler for Lightweight Provable Data Possession in Cloud Storage	9th International Conference on Smart Structures and Systems (ICSSS)	23-24 Nov. 2023	https://ieeexplore.ieee.org/document/10407714	IEEE
		Empowering Agriculture: Classification of Diseases Affecting the Leaves and Spikes of Wheat Crop using Hybrid Deep Learning Methodology	9th International Conference on Smart Structures and Systems (ICSSS)	23-24 Nov. 2023	https://ieeexplore.ieee.org/document/10407078	IEEE
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Books / Book Chapter Publication Details

S. No	Name of the Faculty(s)	Title of the Book	Month & year of publication	ISBN number / ISSN number, Vol, Issue, page number, DOI	Online / Hard copy
(2023-2024)					
1	RAJESWARI P	Next-Generation Transit: The Smart Bus Revolution	2024	ISBN: 978-93-91977-74-0	Hard Copy

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