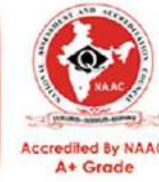


S. No	Name of the Faculty	Month & Year	URL/ DOI	Title of Publication	Name of Publisher	Journal/ Conference/ Book Chapter	Volume & Issue	Indexing	Remarks / Extra Author
1	Smriti Baruah	Jul-24	<a href="https://doi.org/10.1002/dac.5903">https://doi.org/10.1002/dac.5903</a>	Device engineering of lead-free FaCsSnI3/Cs2AgBiI6-based dual-absorber perovskite solar cell architecture for powering next-generation wireless networks	International Journal of Communication Systems, WILEY	Journal	xx	SCI	Student
2	Smriti Baruah	Jul-24	<a href="https://doi.org/10.1007/s11082-024-07239-0">https://doi.org/10.1007/s11082-024-07239-0</a>	Improvement of photovoltaic response in perovskite solar cell via all inorganic lead free cubic double La2NiMnO6/Cs3Bi2I9 based graded absorber architecture	Optical and Quantum Electronics, SPRINGER	Journal	56	SCI	Student
3	Rakesh N. Tiwari	Jul-24	<a href="https://doi.org/10.3390/s24144427">https://doi.org/10.3390/s24144427</a>	Quad-Band 1 × 4 Linear MIMO Antenna for Millimeter-Wave, Wearable and Biomedical Telemetry Applications	Sensors	Journal	24	SCI	Student
4	Prasanth.V S	Jul-24	<a href="https://doi.org/10.1007/s00530-024-01388-8">https://doi.org/10.1007/s00530-024-01388-8</a>	Effective ensemble based intrusion detection and energy efficient load balancing using sunflower optimization in distributed wireless sensor network	Multimedia Systems	Journal	30	SCI	



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5	B. Subbarayudu	Jul-24	<a href="https://doi.org/10.1109/INCET61516.2024.10593177">https://doi.org/10.1109/INCET61516.2024.10593177</a>	Glaucoma Detection through Synergistic Combination of Image Processing and Deep CNN using MATLAB	IEEE 5th International Conference for Emerging Technology (INCET)	Conference		Scopus	Student
6	G. Reddy Hemantha	Jul-24	<a href="https://doi.org/10.1109/AMATHE61652.2024.10582059">https://doi.org/10.1109/AMATHE61652.2024.10582059</a>	Characterization and Modeling of Gate-All-Around FET (GAA FET) for Low-Power and High-Performance Applications	IEEE International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	Conference		Scopus	
7	Rakesh N. Tiwari	Aug-24	<a href="https://doi.org/10.3390/s24155077">https://doi.org/10.3390/s24155077</a>	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	Sensors	Journal	24	SCI	First Author from other Inst.
8	Janmoni Borah	Aug-24	<a href="https://doi.org/10.3103/S0735272723060043">https://doi.org/10.3103/S0735272723060043</a>	Transmit Power Allocation for Sub-6GHz/mmWave-based 5G Cellular Network	Radioelectronics and Communications Systems, SPRINGER	Journal	66	Scopus	Student
9	Arifa Ahmed	Aug-24	<a href="https://doi.org/10.4018/979-8-3693-2893-4.ch013">https://doi.org/10.4018/979-8-3693-2893-4.ch013</a>	QoS-Aware Smart Resource Allocation for Green Cognitive Radio Networks	IGI Global	Book Chapter	xx	Scopus	
10	C. Kumar	Aug-24	<a href="https://doi.org/10.1109/CONIT61985.2024.10626732">https://doi.org/10.1109/CONIT61985.2024.10626732</a>	Enhancing Radiologist's Performance in Breast Cancer Screening Using PSO Algorithm with CNN Classifier	IEEE 4th International Conference on Intelligent Technologies (CONIT)	Conference		Scopus	



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11	P. Ramanathan	Aug-24	<a href="https://doi.org/10.1109/IConSCEPT61884.2024.10627847">https://doi.org/10.1109/IConSCEPT61884.2024.10627847</a>	Multi-Class Skin Disease Classification: A Study of Transfer Learning Strategies for Deep Learning Models	IEEE International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT)	Conference		Scopus	Student/ First Author from other Inst.
12	V Sai Anusha	Aug-24	<a href="https://journal.ijerm.co.in/index.php/ijerm/article/view/2307">https://journal.ijerm.co.in/index.php/ijerm/article/view/2307</a>	Real Time Fall Detection System for Elderly safety using CNN	International Journal of Innovation in Engineering Research and Managemnt	Journal	Vol 11 Special Issue 08 68-76	UGC	
13	H. Shree Kumar	Aug-24	<a href="https://doi.org/10.1109/ICITEICS61368.2024.10625150">https://doi.org/10.1109/ICITEICS61368.2024.10625150</a>	Development of a Fast and Energy-Efficient Carrier Bypass Adder with Tunable Delay Extension Using the Han Carlson Adder	IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)	Conference		Scopus	Student
14	K. Sathesh	Sep-24	<a href="https://doi.org/10.1109/ICSSEECC61126.2024.10649421">https://doi.org/10.1109/ICSSEECC61126.2024.10649421</a>	Efficient Noise Cancellation in Lung Signals Using Pipelined Adaptive LMS Algorithm	IEEE International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering (ICSSEECC)	Conference		Scopus	

15	E. Sathiyarayanan	Sep-24	<a href="https://doi.org/10.1109/ICSSEECC61126.2024.10649488">https://doi.org/10.1109/ICSSEECC61126.2024.10649488</a>	Optimized High-Speed Wallace Tree Multiplier Using Parallel Prefix Adders	IEEE International Conference on Smart Systems for Electrical, Electronics, Communication and Computer Engineering (ICSSEECC)	Conference		Scopus	Student
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