

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS

ACADEMIC YEAR: 2025-2026

S. No .	Name of the Author	Title of the manuscript	Name of the Journal & Publisher	Volume / Issue No Page No /ISSN No	Month / Year	Impact Factor	Link / DOI number	Indexing
1	Mr. B. Raju	FPGA- Based SoC Implementation of CNNs for Autonomous Vehicle Vision Systems	International Journal of Scientific Development and Research	Vol 10, issue 6, June 2025, ISSN:2455-2631	June, 2025	9.15	https://ijsdr.org/papers/IJSDR2506235.pdf	UGC
2	Dr. M. Shoban	FPGA- Based SoC Implementation of CNNs for Autonomous Vehicle Vision Systems	International Journal of Scientific Development and Research	Vol 10, issue 6, June 2025, ISSN:2455-2632	June, 2025	9.15	https://ijsdr.org/papers/IJSDR2506235.pdf	UGC
3	Dr. M. Shoban	Intellegent Routing Algorithms for NoC-Based SoC using Deep Learning	Internation Journal of Research Trends and Innovation IJRTI	Vol 10, issue 7, July 2025, ISSN:2456-3315	July, 2025	8.14	https://ijrti.org/papers/IJRTI2507028.pdf	UGC
4	Mr. B. Raju	Intellegent Routing Algorithms for NoC-Based SoC using Deep Learning	Internation Journal of Research Trends and Innovation IJRTI	Vol 10, issue 7, July 2025, ISSN:2456-3316	July, 2025	8.14	https://ijrti.org/papers/IJRTI2507028.pdf	UGC

5	Mr. B. Raju	Neural Architecture Search (NAS) for Auto-configurable SoC design	Internal Journal for Multidisciplinary Research (IJFMR)	Vol 7, issue 3, May-June 2025, E-ISSN: 2582-2160	May-June, 2025	9.24	https://doi.org/10.36948/ijfmr.2025.v07i03.49273	UGC
6	Mr. B. Raju	Architectural Advances in VLSI for Efficient AI Processing	International Journal for Research Trends and Innovation	Vol10 Issue 7, ISSN: 2456-3315	July-2025	8.14	https://www.ijrti.org/viewpaperforall?paper=IJRTI2507029	UGC
7	Dr M. Shoban	Architectural Advances in VLSI for Efficient AI Processing	International Journal for Research Trends and Innovation	Vol10 Issue 7, ISSN: 2456-3315	July-2025	8.14	https://www.ijrti.org/viewpaperforall?paper=IJRTI2507029	UGC
8	Dr G. Naga Jyothi Sree	Modelling and Machine Learning assisted optimization of FSS integrated Tree-shaped MIMO Fractal Antenna with enhanced Gain for next-Generation 5G mm-Wave communication systems	International journal of Numerical Modelling: Electronics Networks, Device and Fields	Vol 39, Issue 1	Dec, 2025	1.7	https://onlinelibrary.wiley.com/doi/10.1002/jnm.70136	SCI
9	Dr G. Naga Jyothi Sree	Graphane enhance printed star-shaped patch array antenna with high gain and multi resonant characteristics for advanced THz 6G wireless systems.	Diamond and Related Materials	ISSN: 113129	Nov, 2025	5.1	https://doi.org/10.1016/j.diamond.2025.113129	SCI
10	Dr G. Naga Jyothi Sree	A Graphane material-based wideband metamaterial absorber exploiting slotted substrate integrated wave guide for multifarious terahertz applications: Design, analysis and circuit	Diamond and Related Materials	ISSN: 112585	June, 2025	5.1	https://doi.org/10.1016/j.diamond.2025.112585	SCI

		modelling approach						
11	Dr G. Naga Jyothi Sree	Machine Learning -Based Printed Lens Antenna with Graded-Index Meta surface for mmWave 5G NR N261 Mobile Communication Application	International Journal of Communication Systems	ISSN:e7017 6	June, 2025	1.8	https://doi.org/10.1002/ dac.70176	SCI