



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & P.G. COURSES(A)**  
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**Faculty Publications :Academic Year (2022-2023)**

S.N o.	Name of Faculty	Paper Title	Author	ISSUE	Journal Name/Indexing
1	Dr.Ch Manohar Kumar	2:1 Multiplexer Design Using Lector, LCnmos, LCpmos Power Reduction Techniques with 45nm, 90nm, 180nm CMOS Technology	I	ISSN: 2347-5552, Volume-9, Issue-3, May 2022	International Journal of Innovative Research in Computer Science & Technology (ICI)
2	Dr.Ch Manohar Kumar	Design of Multiband Antenna Using Fractal and DGS Techniques	I	ISSN: 2350-0557, Volume-9, Issue-3, June 2022	International Journal of Innovative Research in Engineering & Management (IJIREM) (ICI)
3	Dr.Ch Manohar Kumar	A Novel Foot Shaped EEP-UWB Antenna with Quadruple Band Notch Characteristics Verified by Characteristic Mode Analysis	V	DOI: 10.1002/dac.5284(ISSN: 1099-1131)	International Journal of Communication Systems(SCI &(SCOPUS))Wiley-Blackwell
4	Dr. V. Adinarayana	A Comparison of Optimal RRTNOMA and OMA in a Paradigm Shift of Emerging Technologies Using Deep Learning Analysis	IV	ISSN: 2094-0343	Mathematical Statistician and Engineering Applications(SCOUPS)
5	Dr.S Krishna veni	Design of a Compact ISM-band Microstrip Slot Antenna for Wireless Sensor Nodes	II	Print: 0974-6846 Electronic: 0974-5645	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY(Web of Science and UGC)
6	Dr.Ch Manohar Kumar	DESIGN OF TRI BAND AND DUAL BAND ANTENNA USING META CELL	IV	Volume 10, Issue-6, November 2022	International Journal of Innovative Research in Computer Science & Technology (ICI)
7	Dr.Ch Manohar Kumar	Verification of UART and I2C Protocols Using System Verilog	I	Volume-11, Issue-2, March 2023	International Journal of Innovative Research in Computer Science & Technology (ICI)
8	Dr.Ch Manohar Kumar	SELF-SECURE FIRMWARE MODEL FOR BLOCKCHAIN-ENABLED IOT ENVIRONMENT TO EMBEDDED SYSTEM	VII	DOI: 10.31838/ecb/2023.12.s3.075(Eur. Chem. Bull. 2023, 12 (S3), 653 – 660)	Eur. Chem. Bull(SCoups)
9	Dr.S Krishna veni	A Compact Dual-Band Octal Patch Loaded with Bow-Tie Parasitic MIMO Antenna Design for 5G mm-Wave Wireless Communication	II	Progress In Electromagnetics Research C, Vol. 133, 121–134, 2023	Progress In Electromagnetics Research C(SCoups)
10	Dr.S Krishna veni	A Novel Quadrangular Slotted DGS with a Wideband Monopole Radiator for Fifth-Generation Sub-6GHz Mid-Band Applications	II	Progress In Electromagnetics Research C, Vol. 133, 109-120, 2023	Progress In Electromagnetics Research C(SCoups)