



S. S. Education Trust's

CET Code: E-175 (UG)/T-942 (PG)

S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY

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Affiliated to V T U, Belagavi

An ISO 21001:2018
certified institution**Department of Electronics & Communication Engineering**
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ACADEMIC YEAR 2023 – 2024 [Aug 2023- July 2024]

Sl.No	Name of Faculty	Title	Name of the Journal/Conference/event/ Publisher	DOI/Volume/Issue/Journal/ Conference/ ISSN No.	Indexing	No of Citations	Year
1	Suresh Akkole, Jagadish S Jakati, Anandraddi Naduvanamani, Girish P Kadakol	Design and Optimization of C Structured Microstrip Multiband Antenna for Wireless Communication Using Fractal Geometry	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	DOI: 10.17485/IJST/v16i30.119, Volume: 16, Issue: 30, Pages: 2365-2373, Print ISSN: 0974-6846, Electronic: 0974-5645	SCI/SCIE	--	Aug 2023
2	Prof.Narayan A.Badiger	Design & Implementation of High Speed and Low Power PLL Using GPDK 45 nm Technology	IEIB, Springer Nature Q - 3	https://doi.org/10.1007/s40031-023-00978-w Volume 105, Issue 1/ Journal of The Institution of Engineers (India): Series B/ Print ISSN 2250-2106	Scopus Indexed/ SCImago	--	Jan 24
3	Prof. Soumya Gadag	Hybrid channel and spatial attention-UNet for skin lesion segmentation	IAES International Journal of Artificial Intelligence (IJ-AI)	Vol. 13, No. 1, March 2024, pp. 1077~1089 ISSN: 2252-8938, DOI: 10.11591/ijai.v13.i1.pp1077-1089			March 24
Conferences							
1	Prof.Narayan A.Badiger	Power and Delay Analysis of a CMOS Inverter	International IEEE conference-ICDSNS -2023	10.1109/ICDSNS58469.2023.10244825	Scopus Indexed, WoS	2	28th & 29th July, 2023
2	Prof.Narayan A.Badiger	Design of Phase Frequency Detector for Low Power PLL Using GPDK 45nm Technology	2023 IEEE International Conference on Network, Multimedia and Information Technology (NMITCON)	10.1109/NMITCON58196.2023.10276244	Scopus Indexed, WoS	1	1st,2nd September , 2023



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3	Prof. Soumya Gadag	Data Fortification 2.0 with Intelligent Watermarking Technique	2nd IEEE International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2023)"				4th & 4th Nov 2023
4	Prof. Soumya Gadag	Next-Gen Wireless Communication for Forest Fire Detection: A Machine Learning Driven Approach with Adaptive Channel Equalization	2nd IEEE International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2023)"				4th & 4th Nov 2023
5	Prof. Anita patil	Dynamic Spectrum Assignment Techniques based on power Awareness for 6G Wireless Systems	17 th IEEE international conference on Advanced Networks and Telecommunication Systems		Scopus	--	17-20 Dec 2023
6	Prof. Narayan A.Badiger, Ms.Sneha B	Design and Analysis of 6T SRAM using 45nm gpdk Technology	International Conference on Recent Advances in Science, Engineering, technology & Management.				
7	Prof.Anita Patil	Dynamic Spectrum Access for 6G wireless networks enabled by Machine Learning	IETE International Conference India (IICI-23) at BEL & C-DOT ,Bangalore.		Scopus		June 2023
8	Mr. Pratik Badagavi	Comparative Study of Origami Enabled Helical & Curlicue Reconfigurable Antenna	2023 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)	https://doi.org/10.1109/DISCOVER58830.2023.10316702	Scopus	1	17 November 2023