

S. S. Education Trust's

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

S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY

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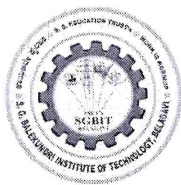
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An ISO 21001:2018
certified institution**Department of Electronics & Communication Engineering**
Accredited by NBAEmail: hod-ec@sgbit.edu.in,
Dept. Extn.: 507**ACADEMIC YEAR 2024 – 2025 [Aug 2024- July 2025]**

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	Weblink
Journals								
1	Dr. Sidramayya Matad, Mrs. Sanmati Bedakihale	Speech enhancement by using novel multiband spectral subtraction method along with a reduction of the cross spectral component	Indonesian Journal of Electrical Engineering and Computer Science	DOI: http://doi.org/10.11591/ijeecs.v36.i2.pp933-941 Vol.36, No.2, pp. 933~941 ISSN:2502-4752	Scopus	-	Nov-24	https://ijeecs.iaescore.com/index.php/IJEESC/article/view/36023
2	Mrs. Shilpa Bhairanatti	Deep learning based hybrid precoder for optimal power allocation to improve the performance of massive MIMO	Indonesian Journal of Electrical Engineering and Computer Science	DOI: 10.11591/ijeecs.v36.i1.pp 570-582, Vol.36, No. 1, pp. 570~582, ISSN: 2502-4752	Scopus, Q3	-	Oct-24	https://ijeecs.iaescore.com/index.php/IJEESC/article/view/35236/18666
3	Mrs. Shilpa Bhairanatti	Spectrum Management, Power Optimization and Interference Cancellation in Ultra-Dense Heterogeneous Femtocell Networks	Journal of Advances in Information Technology	DOI: 10.12720/jait.15.11.1221-1228, Vol. 15, No. 11, pp. 1221-1228, ISSN: 1798-2340 (Online)	Scopus, Q3; SCI	1	Nov-24	https://www.jait.us/show-246-1599-1.html
4	Mrs. Anita Patil	A Comprehensive Survey on Spectrum Sharing Techniques for 5G/B5G Intelligent Wireless, Networks: Opportunities, Challenges and Future Research Directions	Computer Networks, Elsevier	https://doi.org/10.1016/j.comnet.2024.110697 , Volume 253, ISSN 1389-1286	Scopus, Q1; SCI,	17	Aug-24	https://www.sciencedirect.com/science/article/abs/pii/S1389128624005292?via%3Dihub





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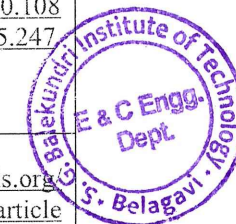
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5	Mrs. Soumya Halagatti	A Deep Ensemble Feature Extraction and Classification Framework for Melanoma Identification	SSRG International Journal of Electronics and Communication Engineering	DOI: https://doi.org/10.14445/23488549/IJECE-V11I18P131 , Volume 11 Issue 8, pp. 325-334, ISSN: 2348-8549	Scopus, Q4	-	August 2024	https://www.internationaljournalssrg.org/IJECE/paper-details?Id=672
6	Mr. Anandraddi Naduvinamani	Current Developments in Crop Disease identification using computer vision, a critical review of related works and techniques	International Journal of Electronics and Communication Engineering	DOI: 10.14445/23488549/IJEC E-V11I9P116, Volume 11 Issue 9, pp. 174-191, ISSN: 2348-8549	Scopus	-	30/09/2024	https://www.internationaljournalssrg.org/IJECE/paper-details?Id=688
7	Dr. Narayan A. Badiger	Fin-FET Enabled High-Speed PLL Design for Low Power Applications	IETE Journal of Research	DOI: https://doi.org/10.1080/03772063.2025.2470364 , pp. 1-16, Print ISSN: 0377-2063, Online ISSN: 0974-780X	Scopus, Q2; SCIE	-	05 Mar 2025	https://www.tandfonline.com/doi/full/10.1080/03772063.2025.2470364
8	Dr. Veena I. Puranikmath	Optimizing Panorama Generation from Real-Time Image and Videos: A Study of Feature Detectors and Descriptors	International Journal of Communication Networks and Information Security	Vol. 15 No. 2 (2023), pp. 289-301, ISSN:2076-0930, E-ISSN:2073-607X	Scopus Q3	-	12-09-2024	https://www.ijcnis.org/index.php/ijcnis/article/view/7112

Conferences

1	Dr. Shankargoud Patil	MIMO and Chaotic Communication: Systematic Literature Review	ICICC: International Conference On Innovative Computing and Communication	DOI: https://doi.org/10.1007/978-981-97-4228-8_3	Scopus	-	October 2024	https://link.springer.com/chapter/10.1007/978-981-97-4228-8_3
2	Prof. Anita Patil	Dynamic Resource Assignment Technique for 6G Wireless Systems	IEEE International Conference on Advanced Networks and	DOI: https://doi.org/10.1109/ANTS63515.2024.10898973 , Electronic ISBN:979-8-3503-9172-5,			03 March 2025	https://ieeexplore.ieee.org/document/10898973





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			Telecommunications Systems	Electronic ISSN: 2153- 1684				
3	Mr. Sujay Gejji	Deep Learning Approaches for Solving Challenges in Computer Vision Applications and Exploring Evolving Patterns	IEEE explore, 2024 7th International Conference on Contemporary Computing and Informatics (IC3I)	DOI: https://doi.org/10.1109/IC3I61595.2024.10829128 , Electronic ISBN:979-8- 3503-5006-7, Print on Demand(PoD) ISBN:979- 8-3503-5007-4	Scopus	-	15-Jan-25	https://ieeexplore.ieee.org/document/10829128
4	Mr. Kiran S. Nandi	Greenherb: Analytics and Recognition for Healthcare solutions	3 rd world conference on Information Systems for Business Management, Springer nature	Accepted Article	Springer	-	12-Sep to 13-Sep 2024	https://link.springer.com/chapter/10.1007/978-981-96-1744-9_33
5	Mr. Pratik Badagavi	Design and Performance Analysis of Origami Based Reconfigurable Hexagonal Flasher Antenna	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA)	DOI: https://doi.org/10.1109/INNOVA63080.2024.10847053 , Electronic ISBN:979-8-3315-0513- 4, Print on Demand (PoD) ISBN:979-8-3315- 0514-1	Scopus	-	23 January 2025	https://ieeexplore.ieee.org/document/10847053

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