

STUDENT ACHIEVEMENTS

JAN 2024 — TILL DATE



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| 1 | Research papers published |
| 2 | Book chapters published |
| 3 | Best paper awarded |

Research papers published

Research papers published

- 1 June 29, 2024: **PG students, Ms. Nayana V S and Ms. Shreya S K** and Dr. Veena M B, Professor, Department of Electronics and Communication Engineering published a journal paper titled 'Development of In-Memory Wallace Tree Architecture using Block RAM' in International Journal of Emerging Technology and Advanced Engineering, Volume 14, Issue 06, June 2024, ISSN 2250-2459.
- 2 June 13, 2024: **Mr. A J Ilaya Bharathi**, UG student, Department of Electronics and Communication Engineering under the guidance of Dr. K N Madhusudan, Assistant Professor from the Dept., presented a technical paper titled 'Smart Reader for Visually Impaired' in the event 'Technical Paper presentation' the Intercollegiate Technical Fest conducted by Dept., of ECE, Gopalan College of Engineering and Management, Bangalore.
- 3 March 01, 2024: **Mr. Vighnesh kumar Uttarkar**, M. Tech student and Dr. Poornima G, Associate Professor published a research paper titled 'Low Power Design of Efficient Wireless sensor Node' in the International Journal for Research in Applied Science and engineering Technology(IJRASET). ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 12 Issue III Mar.
- 4 January 20, 2024: **Ms. Smita C Chetti**, research scholar and Dr. Veena M.B, Associate Professor published a research paper titled 'Conceptualization and Design of 8-Bit SRAM Using Quantum Dot Cellular Automata' in SSRG International Journal of Electrical and Electronics Engineering. Volume 11 Issue 1, Pp14-27, ISSN: 2348-8379. <https://doi.org/10.14445/23488379/IJEEE-V11I1P10>

Book chapters published

Students along with Faculties published book chapters

1	March 19, 2024: Mr. Gagan Bagewadi , PG student and Dr. Veena M B, Associate Professor published a book chapter titled 'Identification of Plant Leaf Disease Using Synthetic Data Augmentation ProGAN to Improve the Performance of Deep learning Models' in Springer Nature Singapore Pte Ltd. 2024 D. Asirvatham et al (eds.), Evolutionary Artificial Intelligence, Algorithms for Intelligent Systems. https://link.springer.com/chapter/10.1007/978-981-99-8438-1_14 .
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Students awarded with “Best Paper Award”

Faculties awarded with “Best Paper Award”

- 1 Ms. Roohum Jegan, Ph. D student and Dr. R. Jayagowri, Associate Professor, Department of Electronics and Communication Engineering, presented a paper titled ‘**Enhancing Voice Disorder Detection Using Deep Transfer Learning Feature Fusion**’ and won the **Best Paper Award** in the IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024) held from March 14th -16th of 2024 organized by ABV-IITM Gwalior, India, in collaboration with the IEEE MP Section.