FACULTY PROFILE

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Department of Electronics & Communication Engineering

Date of Joining:	**20-09-2023**
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Academic Details

M. Tech (Digital Electronics), PESITM Shivamogga, VTU, Belagavi, Karnataka, 2016

B. E (E&CE), Jnana Vikas Institute of Technology, Bidadi Bangalore, VTU, Belagavi, Karnataka, 2012

Research and Article Publications

Ms. Shilpa C N, Mr. Kunjan D. Shinde, Mr. Nithin H V, **"Modeling and Comparative Analysis of Logic Gates forAdder and Multiplier Applications -A VLSI based approach"**
IOSR Journal of VLSI and Signal Processing (IOSR-JVSP), Volume 6, Issue 3, I (May-Jun 2016), PP67-72 e-ISSN: 2319-4200, p-ISSN No.: 2319-4197. http://www.iosrjournals.org/iosr-jvlsi/papers/vol6-issue3/Version- 1/K0603016772.pdf

"Impact of VLSI Design Techniques on Implementation of Parallel Prefix Adders"© Springer Nature Singapore Pte Ltd. 2018 I. Zelinka et al. (Eds.): ICSCS 2018, CCIS 837, pp. 473–482, 2018. https://doi.org/10.1007/978-981-13-1936-5_50

Conference on "Design, Implementation and Comparative Analysis of Kogge Stone Adder using CMOS and GDIdesign: A VLSI Based Approach"
published in: 2016 8th International Conference on Computational Intelligence and Communication Networks (CICN).Dateon 23-25 Dec 2016, 978-1-5090-1144-5/16 $31.00 © 2016 IEEE DOI 10.1109/CICN.2016.117.
https://ieeexplore.ieee.org/document/8082709

Achievements
FACULTY DEVELOPMENT PROGRAMS
6 Days ATAL FDP on “Revolutionizing Electric Vehicle Powertrains: The Role of Wide-Bandgap Semiconductors in Overcoming Challenges and Shaping Future Trends” at DR.Mahalingam College of Engineering and Technology from 17/02/2025 to 22/02/2025.
6 Days ATAL FDP on “Smart Communication In IOT: Security & Future Applications and Possibilities” at St.Joseph College of Engineering from 24/02/2025 to 01/03/2025.
NPTEL COURSES
8 Week NPTEL SWAYAM online course on “Digital Circuits”, JUL-OCT 2024

(SHILPA C N)