

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCES- PILANI, K K BIRLA  
GOA CAMPUS**

**Department of Electrical and Electronics Engineering**

**Journal /Conference Publications**

- Saha & Dipankar Pal, "Benchmarking of DPL-based  $8b \times 8b$  novel wave-pipelined multiplier", International Journal of Electronics Letters, Vol. 5 (Issue 1), pp. 115-128, January 2017.
- S.S.R. Chennareddy, A. Agrawal and A. Karuppiah, Modular Self-Reconfigurable Robotic Systems: A Survey on Hardware Architectures, J. Robot. 2017 (2017)1–19.
- Ashish Chittora, Sandeep Singh, Archana Sharma, Jayanta Mukherjee, "A TM01 to TE11 Mode Converter Designed with Semicircular Waveguide Sections", 11th European Conference on Antenna and Propagation (EuCAP), Paris, France, March, 2017.
- Singh, Aruna Chandra, Gautam Bacher, and Sunil Bhand. "A label free immunosensor for ultrasensitive detection of  $17\beta$ -Estradiol in water." Electrochimica Acta 232 (2017): 30-37. April 2017.
- Meetha V Shenoy, K R Anupama, DTTA- Distributed, Time-division Multiple access based Task Allocation Framework for Swarm Robots-Defence Science Journal . May 2017, Vol. 67 Issue 3, p316-324. 9p.
- Srinivasulu, G. Sravanthi, M. Sarada & Dipankar Pal, "FinFET-based Miller encoder for UHF and SHF RFID application", International Journal of Electronics, DOI: 10.1080/00207217.2017.1354401, 20 July 2017.
- M. Sarada, A. Srinivasulu & Dipankar Pal, "Novel, low-supply, differential XOR/XNOR with rail-to-rail swing, for hamming-code generation", International Journal of Electronics Letters, DOI: 10.1080/21681724.2017.1357761, 25 July 2017.
- C. S. Sankhar, A. Agrawal and K. R. Anupama, SQ-BOT- A Modular Robot Prototype for Self- Reconfiguring Structures, in Int. Conf. Robot. Curr. Trends Futur. Challenges (IEEE, 2016), pp. 1–6.
- A. Srinivasulu & Dipankar Pal, "CCII+ Based Dual Square-and-Triangular Waveform Generator", 9th IEEE International Conference Electronics, Computers and Artificial Intelligence (ECAI 2017), University of Valahia of Targoviste, Targoviste, ROMÂNIA, 29 June -01 July, 2017
- Ashutosh Patri, Ashish Chittora, Jayanta Mukherjee, "Compact TM01 to TE11 Mode Converter Designed with Matching Sections", IEEE International Symposium on Antennas and Propagation and USNCURSI Radio Science Meeting, San Diego, USA, July, 2017.