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Designation: Assistant Professor

Department: Department of Electronics & Communication Engg.

(JOINED THE INSTITUTE IN 2010)

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RESEARCH INTERESTS:

- ✓ VLSI DESIGN
- ✓ SEMICONDUCTOR DEVICES & MODELING

ACADEMIC QUALIFICATIONS

Ph.D Cont. (Semiconductor Devices) KIIT Deemed to be University, BBSR, India

M.Tech (ECE) BPUT, Rourkela, India

Teaching Experience/Industrial Experience/Research Experience

- ✓ Teaching Experience 4 Years

PUBLICATIONS

JOURNALARTICLES & CONFERENCE PAPERS

- [1]. Sudhir Kumar Sa, Rashmi Panda, **Aradhana Raju**, "Fixed Point Streaming Fixed Point Streaming FFT using OFDM" *International Journal of Engineering Research & Technology (IJERT)*,vol.01,no.09,2012.
- [2]. **Aradhana Raju**, Purabi Mahato , Ritto K. Babu , Richi Patnaik,"Secure Communication With Lossless Data Compression Using Dpd Encoding" *International Journal Of Modern Engineering Research (IJMER)*, Vol. 6, Iss. 5 May 2016
- [3]. **A. Raju**, R. Patnaik, R. K. Babu and P. Mahato, "Parallel Prefix Adders — A Comparative Study For Fastest Response,"in *IEEE International Conference on Communication and Electronics Systems (ICCES)*, Coimbatore, pp. 1-6, doi: 10.1109/CESYS.2016.7889974,2016.
- [4]. **A.Raju** and S.K.Sa, "Design and performance analysis of multipliersusingKogge Stone Adder," in *IEEE 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)*, Tumkur, pp. 94-99, doi: 10.1109/ICATCCT.2017.8389113,2017
- [5]. S. Das, A. Raju and T. P. Dash, "Geometry Dependent RF Performance of FinFETs," *2021 International Conference in Advances in Power, Signal, and Information Technology (APSIT)*, 2021, pp. 1-4, doi10.110910.1109 /APSIT 52773.2021.9641234.

ANY OTHER

PATENT :

- [1]. Application Number : 202131050907 Title of Invention : Monitoring and Evaluating the Operation of Electronic Noses.

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