



Amulya Kumar Roul, M. Tech.

Designation : Assistant Professor
Department : Department of
Electronics & Communication Engineering.
(JOINED THE INSTITUTE IN 2017)
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RESEARCH INTERESTS:

Speech Signal processing, Biometric, Communication Physical layer and Active noise control using Machine Learning and Deep Learning Techniques.

Academic Qualifications

PhD. Continuing, M.Tech. in Telecommunication Tech. AndMgnt., IIT Delhi, New Delhi, India., B.E in Electronics and Telecommunication, BPUT, Odisha

Teaching Experience/Industrial Experience/Research Experience

- ✓ Currently, working as Assistant Professor in the Dept. of Electronics and Communication in Silicon University, Odisha since 2017
- ✓ Worked as Assistant Professor in the Dept. of Electronics and Communication in Graphic Era Deemed University, Dehradun, Uttarakhand from July, 2013-June, 2017
- ✓ Worked as a Lecturer in the Dept. of Electronics and Telecommunication Engineering in Krupajal Engineering College, under B PUT University, Orissa from Feb, 2007 - December, 2009

PUBLICATIONS

JOURNAL & CONFERENCES

- [1]. Rachit Aggarwal; Shivam Singh; **Amulya Kumar Roul**; Nitin Khanna, "Cell phone Identification using noise estimates from recorded audio", IEEE conference on Communication and Signal Processing (2014), Pages: 1218 – 1222. url link: <http://ieeexplore.ieee.org/document/6950045/>
- [2]. Amulya Kumar Roul, Biranchi Narayan Rath: "Text Independent Speaker Recognition using Fuzzy based Neural Network", IEEE conference on on Circuits, Power and Intelligent Systems(CCPIS), Bhubaneswar, India, 2023, pp. 1-5, doi: 10.1109/CCPIS59145.2023.10291860. UrlLink: <https://ieeexplore.ieee.org/document/10291860/metrics>

ANY OTHER

- Secured AIR 297 (99.77 percentile) in GATE EC- 2011 Recipient of MHRD Scholarship in M.Tech at IIT Delhi.
- Secured AIR 186(99.55 percentile) rank in GATE EC-2009.