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Address: Purba Medinipur ,West Bengal,India - 721657

Expertise

Telecommunications

Working with IRS assist wireless communication systems, B5G, 6G

Work experience

1. Haldia Institute of Technology 2015 — Present

Assistant Professor
Purba Medinipur

2. BENGAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT 2010 — 2015

Assistant Professor
BOLPUR

Education

1. M.Tech. - 2009

Dr. B. C. Roy Engineering College, Durgapur

Publication

1. Performance analysis of IRS-assist dual-hop wireless communication system

Moumita Jana and Sanjay Kumar

Physical Communication, Volume 68, Year 2025, Pages 102550

2. Investigate the Impact of Path-loss on Channel Capacity in IRS-Assist Dual-hop Wireless Communication System

Moumita Jana, Sanjay Kumar

3rd International Conference on Communication Control and Intelligent Systems (CCIS 2024), Volume , Year 2024, Pages

3. Performance analysis of IRS-assist wireless communication system with Alamouti transmit diversity scheme

Moumita Jana, Sanjay Kumar

Int. J. Electron. Commun. , Volume 171, Year 2023, Pages 1-10

4. Channel Capacity for IRS-assist Wireless Communication System for 5G and Beyond

Moumita Jana, Akinchan Das, Sanjay Kumar

2023 IEEE 3rd Applied Signal Processing Conference (ASPCON), Volume , Year 2023, Pages 55-60