



## Mr. Utpal Das

**Name** : Utpal Das  
**Designation** : Assistant Professor  
**Department** : Department of Electronics and Communication  
(JOINED THE INSTITUTE IN 2010)  
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### RESEARCH INTERESTS

- ✓ Wireless Systems And Optical communication,
- ✓ MIMO, LTE/OFDM.
- ✓ Digital And Statistical Signal Processing For Wireless Physical Layer.
- ✓ Wireless Channel Estimation.
- ✓ Equalization and Precoding Techniques.
- ✓ Massive MIMO
- ✓ 5G Technologies

### Academic Qualifications

M. Tech. (Communication) BPUT, India

B.Tech. (Electronics and Communication) Utkal University, India

Specialisation: Wireless Communication, Digital Communication, Signal Processing, Optical Communication.

### Teaching Experience/Industrial Experience/Research Experience

- ✓ 14 years of Teaching experience.

## PUBLICATIONS

### JOURNAL & CONFERENCES

- [1] Utpal Das and Silpa Priyadarsini Das, "Performance Enhancement of OFDM System by reducing PAPR using DFT Spreading Technique," IEEE Conference (RTEICT), pp. 1-5, May. 2016.
- [2] Utpal Das, Shuvabrata Bandopadhyaya and Prakash Kumar Rout, "Quality of Service Analysis of Massive MIMO Wireless System with Time Division Duplexing", IEEE Conference (AESPC), pp. 1-4, Oct. 2018.

## ANY OTHER

Book Chapter  
Conferences attended

- [1] Utpal Das, P.K. Sahu and Bijayananda Patnaik "Ultra High Bit-rate Fiber Optic Hybrid (WDM and TDM) Communication System Design and Simulation", Advanced Computing, Networking and Informatics - Volume 2, Smart Innovation, Systems and Technologies 28, Springer International Publishing Switzerland 2014.