

Goutam Das

Ph.D.(Univ. of Melbourn)
Assistant Professor, G S Sanyal School of Telecommunications

Goutam Das joined the Institute in 2013

Residence	2BRF-6, IIT Campus, Kharagpur 721302
Phone (office)	+91 - 3222 - 283904
Phone (residence)	+91 - 3222 - 283905 (IIT Phone)
email	gdas @ gssst.iitkgp.ernet.in

Award:

- Best Paper Award, IEEE ANTS 2014, 14-17 December, India (2015)

Current Sponsored Projects:

- **Project Title** : NEXT GENERATION TELECOMMUNICATION TEST BED (SGDRI)
Principal Investigator : Dr. S. S. Das
Co-Principal-Investigators : Dr. D. Sen, Dr. G. Das, Dr. S. Chakrabarti
Sponsor : IIT Kharagpur - SGDRI
- **Project Title** : Development of test bed for Coherent Optical Communication
Principal Investigator : Dr. Goutam Das
Co-Principal-Investigators : Prof. D. Datta
Sponsor : Bel CRL

Current Consultancy Projects:

- **Project Name** : TECHNICAL REVIEW OF HUAWEI OSN 7500 PLATFORM (AN INTELLIGENT OPTICAL SWITCHING SYSTEM) - CLASSIFICATION OF HUAWEI OSN 7500 AS DWDM/OTN OR SDH DEVICE B
Client : Vodafone India
Consultant : Dr. Goutam Das
- **Project Name** : TECHNICAL STATUS REPORT ON SDH, DWDM EQUIPMENT, THEIR INTERFACE
Client : Vodafone India
Consultant : Dr. Goutam Das

Member – Editorial Board:

- Editorial Board Member : Photonic Network Communications
- Editorial Board Member : Photonic Network Communications – Special Issue of ANTS 2013
- Editorial Board Member : Optical Switching Networks – Special Issue of ANTS 2012

Selected Publication 2014-2016:

- A Green Open Access Architecture with Incremental Deployment Support by C Bhar, G Das, A Dixit, B Lannoo, M Van Der Wee, D Colle, D Datta, M Pickavet, P Demeester *IEEE/OSA Journal of Lightwave Technology*, **33 (19)**, pp. **4079-92** (2015) .
- A Ring-Based Wireless Optical Network to Reduce Handover Latency by A Mukhopadhyay, G Das *IEEE/OSA Journal of Lightwave Technology*, **33 (17)** pp. **3687-97** (2015) .
- Evaluation of Blocking Probability for Downlink in Poisson Networks by PD Mankar, BR Sahu, G Das, SS Pathak *IEEE Wireless Communications Letters*, **4(6)**, pp. **625-628**. (2015) .
- A Method for Accessing Spatial Spectrum Holes for Relay Based Cognitive Cellular Networks by PD Mankar, G Das, SS Pathak, RV Rajakumar *IEEE Wireless Communications Letters*, **4 (3)**, pp. **245-248** (2015) .
- A Novel Proportionally Fair Spectrum Allocation in Two Tiered Cellular Networks by PD Mankar, G Das, SS Pathak *IEEE Communications Letters*, **19 (4)**, pp. **629-632**. (2015) .
- Modeling and Coverage Analysis of BS-Centric Clustered Users in a Random Wireless Network by PD Mankar, G Das, SS Pathak *IEEE Wireless Communications Letters*, (2016).
- Transmission impairments in long-reach WDM–TDM PON using EDFA and RSOA-based ONUs by S Mondal, S Reddy, G Das, D Datta *Photonic Network Communications*, **30 (3)**, **348-362**. (2015) .
- A minimal redundant shared OLT protection for hybrid WDM–TDM optical access networks by A Kanungoe, G Das *Photonic Network Communications*, **30 (3)**, pp. **387-402**. (2015).
- A new protection scheme for a combined ring-star based hybrid WDM/TDM PON architecture by A Kanungoe, A Mukhopadhyay, G Das, R Banerjee, R Das *Optical Switching and Networking*, **18 (2)**, pp. **153-168**. (2015).
- Scheduling Hybrid WDM/TDM Ethernet Passive Optical Networks Using Modified Stable Matching Algorithm by S Basu, G Das *IEEE/OSA Journal of Lightwave Technology*, **32 (15)**, pp. **2613-22** (2014).
- A novel hybrid WDM/TDM PON architecture using cascaded AWGs and tunable components by C Bhar, G Das, A Dixit, B Lannoo, D Colle, M Pickavet, P Demeester *IEEE/OSA Journal of Lightwave Technology*, **32 (9)**, pp. **1708-16**. (2014) .