Goutam Das

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Goutam Das joined the Institute in 2013

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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 : Photonioc Network Coomunications – 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) .