
SUBHRENDU CHATTOPADHYAY

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Current Position

Ph.D. Research Scholar (From July,2014) Department of Computer Science and Engineering
Indian Institute of Technology, Guwahati

Research Area

At present my research interests include software defined networking for large scale distributed systems. I am currently working under supervision of **Prof. Sukumar Nandi**

Academic Qualification

Post Graduation: Master of Technology in Dept. of Computer Science and Engineering with **CGPA: 8.81/10** from Indian Institute of Technology, Guwahati (June 2012 - July 2014)

Graduation:Bachelor of Technology in Computer Science and Engineering with **CGPA: 8.04/10** from B.P Poddar Institute of Management and Technology, WestBengal University of Technology (July 2006 - June 2010)

Higher Secondary (10+2): with **77.5%** from Beldanga C.R.G.S High School, under West Bengal Council of Higher Secondary Examination (May, 2006)

Secondary (10): Madhyamik with **81.5%** from Sargachhi Ramakarishna Mission High School, under West Bengal Board of Secondary Education (April, 2003)

Achievements

1. **Best Paper Honourable Mention Award** for the paper “ES2: Managing Link Level Parameters for Elevating Data Rate and Stability in High Throughput WLAN” in the Eighth International Conference on Communication Systems and Networks (COMSNETS 2016), Bangalore, India, January 06-08, 2016
2. Received partial travel grant from COMSNETS 2016 Organizing Committee for attending conference (COMSNETS 2016) at Bangalore, India.
3. Recipient of TCS Research Fellowship, 2015 (four years) from Tata Consultancy Services
4. **Best Paper Award** in the long paper track, for the paper “Surpassing Flow Fairness in a Mesh Network: How to Ensure Equity among End Users?” in the Seventh IEEE International Conference on Advanced Networks and Telecommunication Systems (IEEE ANTS 2013), Chennai, India, December 15-18, 2013

Teaching Assistance

1. **Teaching Assistant** in IIT, Guwahati For Computer Networks/Lab (CS348/CS349) (Jan 2017 - July 2017)
2. **Teaching Assistant** in IIT, Guwahati For Data Communication (CS343) (July 2016 - November 2016)
3. **Teaching Assistant** in IIT, Guwahati For Systems Lab (CS558) (January 2016 - May 2016)
4. **Teaching Assistant** in IIT, Guwahati For Wireless Networks (CS551) (July 2015 - November 2015)

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5. **Teaching Assistant** in IIT, Guwahati For Systems Lab (CS558) (January 2015 - May 2015)
 6. **Teaching Assistant** in IIT, Guwahati For Programming Lab (CS513) (July 2014 - December 2014)
 7. **Teaching Assistant** in IIT, Guwahati For Systems Lab (CS558) (January 2014 - May 2014)
 8. **Teaching Assistant** in IIT, Guwahati For Programming Lab (CS513) (July 2013 - December 2013)
 9. **Teaching Assistant** in IIT, Guwahati For Computing Laboratory (CS110) (January 2013 - May 2013)
 10. **Teaching Assistant** in IIT, Guwahati For Discrete Mathematics (CS202) (July 2012 - December 2012)

Professional Experience

Automation Test Engineer: Programmer Analyst Trainee in Cognizant Technology Solution India Pvt. Ltd. (July 2010 - July 2011)

Professional Certification: LOMA 280 certified with 99.2%

Voluntary Services

1. Conference Reviewer: IEEE National Conference on Communication (NCC) 2017.
2. Conference Reviewer: IEEE International Conference on Communications (ICC) 2017
3. Conference Reviewer: IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) 2014 and 2015.

List of Publication

1. **Subhrendu Chattopadhyay**, Sukumar Nandi, Samar Shailendra and Sandip Chakraborty, “**Poster: Primary Path Effect in Multi-Path TCP: How Serious Is It for Deployment Consideration?** ” in the Proceedings of the Eighteenth ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc 2017), (Accepted).
2. **Subhrendu Chattopadhyay**, Niladri Sett, Sukumar Nandi, and Sandip Chakraborty, “**Flipper: Fault-Tolerant Distributed Network Management and Control** ” IFIP/IEEE International Symposium on Integrated Network Management (IM 2017) , (Accepted).
3. Niladri Sett, **Subhrendu Chattopadhyay**, Sanasam Ranbir Singh, and Sukumar Nandi, “**A time agnostic method for predicting dull nodes and links in evolving networks for data cleaning** ” in the Proceedings of the Fourteenth IEEE/WIC/ACM International Conference on Web Intelligence (WI 2016), Omaha, Nebraska, USA, October 13-16, 2016.
4. **Subhrendu Chattopadhyay**, Sandip Chakraborty, Sukumar Nandi, “**Leveraging the Trade-off Between Spatial Reuse and Channel Contention in Wireless Mesh Networks**” in the Proceedings of the Eighth International Conference on COMmunication System & NETWORKS (COMSNET 2016) , Bangalore, India.
5. Sandip Chakraborty, **Subhrendu Chattopadhyay**, **ES2: Managing Link Level Parameters for Elevating Data Rate and Stability in High Throughput WLAN** in the Proceedings of the Eighth International Conference on COMmunication System & NETWORKS (COMSNET 2016) , Bangalore, India, (**Best paper Award**).
6. Sandip Chakraborty, Sukumar Nandi, **Subhrendu Chattopadhyay**, “**Alleviating Hidden and Exposed Nodes in High-Throughput Wireless Mesh Networks**” in IEEE Transactions on Wireless Communications IEEE TWC 2016 Vol. 15, Issue 2, Feb 2016, Pages 928-937.
7. Sushanta Karmakar, **Subhrendu Chattopadhyay**, “**A Trigger Counting Mechanism for Ring Topology**” in the Proceedings of the 37th Australasian Computer Science Conference. (ACSC 2014) , Auckland, New Zealand, January 20-23, 2014

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8. Sandip Chakraborty, **Subhrendu Chattopadhyay**, Suchetana Chakraborty, Sukumar Nandi, **“Defending Concealedness in IEEE 802.11n”** in the Proceedings of the Sixth International Conference on COMMunication System & NETworks (COMSNET 2014) , Bangalore, India, January 7-10, 2014
 9. Sandip Chakraborty, Sukumar Nandi, **Subhrendu Chattopadhyay**, **“Surpassing Flow Fairness in a Mesh Network: How to Ensure Equity among End Users?”** in the Proceedings of the Seventh IEEE International Conference on Advanced Networks and Telecommunication Systems (ANTS 2013) , Chennai, India, December 15-18, 2013 (**Best paper Award**)