

Short Biography of Abhishek Chakraborty

Abhishek Chakraborty is currently working as a Senior Project Fellow in the Department of Avionics at Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram, India. His Ph.D. thesis focuses on the evolution of finite sized complex networks. He received his Master of Engineering (2012) in Electronics and Communication Engineering (ECE) from Birla Institute of Technology, Mesra, Ranchi, India and Bachelor of Technology (2007) in ECE from Maulana Abul Kalam Azad University of Technology, West Bengal, India (formerly, West Bengal University of Technology). During 2007 – 2009, he worked with Cognizant Inc. as a Programmer Analyst in Kolkata, West Bengal, India. He is Graduate Student Member, IEEE, Student Member, IEEE Communications Society, and Student Member, ACM. During 2012 – 2013, he served as the IEEE Student Branch Chair at IIST. He co-authored the textbook “*Complex Networks: A Networking and Signal Processing Perspective*,” with B. S. Manoj and Rahul Singh, to be published by Prentice Hall PTR, New Jersey, USA in December 2017. Further, his one of the recent co-authored papers titled “Graph Fourier Transform based on Directed Laplacian” co-authored with Rahul Singh and B. S. Manoj, was selected for the Springer best student paper award at the 11th International Conference on Signal Processing and Communications 2016, Indian Institute of Science, Bangalore, India, June 2016. His current research interests include network science, complex network analysis, small-world networks, scale-free networks, network performance optimization, wireless multi-hop communication networks, and wireless communication.