CURRICULUM VITAE

ANIMESH ROY

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Education:

- Ph.D. (Engineering) in Computer Science and Technology, from Indian Institute of Engineering Science and Technology (IIEST), Shibpur, West Bengal, India.

- M.Tech. in Information Security from National Institute of Technology (NIT) Durgapur, West Bengal, India.

- B.Tech. in Information Technology from Government College of Engineering & Ceramic Technology (GCECT), Kolkata, West Bengal, India.

Experience:

- Working as an Assistant Professor in the dept. of CSE, at IIIT Dharwad, Karnataka, India.

- Worked as an Assistant Professor in the dept. of CSE, at GITAM University for one year.

- Worked as a faculty member (temporary) in the dept. of CSE, at NIT Calicut, Kerala, for three years.

- Worked as a senior research fellow (SRF) at IIEST, Shibpur in the project titled "Post-Disaster Situation Analysis and Resource Management Using Delay-Tolerant Peer-to-Peer Wireless Networks (DISARM)", sponsored by Information Technology Research Academy (ITRA), Digital India Corporation, Govt. of India, for five years.

Publications:

Journals:

- A. Roy, S. Bose, T. Acharya, and S. DasBit. "Social-based energy-aware multicasting in delay tolerant networks", *Journal of Network and Computer Applications*, Vol. 87(C), Pages 169-184, 2017. (Impact Factor: 8.7, No. of citations: 25)

- A. Roy, T. Acharya and S. DasBit. "Quality of service in delay tolerant networks: A survey", *Computer Networks*, Vol. 130(C), Pages 121-133, 2018. (Impact Factor: 5.6, No. of citations: 56)

- A. Roy, T. Acharya and S. DasBit. "Fairness in message delivery in delay tolerant networks", *Wireless Networks*, Vol. 25(4), Pages 2129-2142, 2019. (Impact Factor: 3.0, No. of citations: 10)

- A. Roy, T. Acharya and S. DasBit. "Social-based reputation-aware data forwarding for improved multicast delivery in the presence of selfish nodes in DTNs", *Communication Systems*, Vol. 33(4), Pages e4235, 2020. (Impact Factor: 2.1, No. of citations: 7)

Conferences:
- A. Roy and D. Mitra. "Signature Embedding in the Functional Description of Reversible Circuit", In Proc. *Intl. Symposium on Security in Computing and Communications*, Pages 10-17, 2013, India. (No. of citations: 1)

- A. Roy, T. Acharya and S. DasBit. "Energy-Aware Social-Based Multicast in Delay-Tolerant Networks", In Proc. *81st IEEE Vehicular Technology Conference (VTC Spring)*, Pages 1-5, 2015, Scotland. (No. of citations: 8)

- N. Das, A. Roy and S. DasBit. "LionBEAR: A location based energy aware routing scheme in DTNs", In Proc. *Intl. Conference on Digital Information Processing, Data Mining, and Wireless Communications*, Pages 75-80, 2016, Russia. (No. of citations: 4)

- A. Roy, T. Acharya and S. DasBit. "Social-Based Congestion-Aware Multicast in Delay-Tolerant Networks", In Proc. *ACM MobiHoc Workshop*, Pages 1-6, 2017, India. (No. of citations: 6)

 I hereby declare that all the information provided here are correct to the best of my knowledge.

Place: Dharwad   Animesh Roy