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Professional Preparation:

B.E & Tel.E.   Electronics Engineering,Jadavpur University, India
Ph.D.   Computer Science, University of South Carolina

Appointments:

2001–2007   Associate Chairman for Graduate Programs and Research
                     Department of Computer Science and Engineering,
                     Arizona State University, Tempe, AZ.
1993–   Associate Professor, Department of Computer Science and Engineering,
                     Arizona State University, Tempe, AZ.
1987–1992   Assistant Professor, Department of Computer Science and Engineering,
                     Arizona State University, Tempe, AZ.
1984–1986   Teaching and Research Assistant, Department of Computer Science,
                     University of South Carolina, Columbia, SC.

Recent Publications:

N. Agarwal, H. Liu, S. Murthy, A. Sen and X. Wang, "A Social Identity Approach to Identify Familiar Strangers in a Social Network," *3rd. International Conference on Weblogs and Social Media (ICWSM 2009)*, San Jose, California, May 2009.

A. Sen, N. Das, S. Murthy, "Coverage and Connectivity Problems for Sensor Embedded in a Temperature Sensitive Environment," *International Journal of Sensor Networks,* 2009. http://www3.interscience.wiley.com/cgi-bin/fulltext/117933324/PDFSTART

N. Das, P. Ghosh and A. Sen "Approximation Algorithm for Avoiding Hotspot Formation in Sensor Networks for Temperature Sensitive Environments," *IEEE Globecom*, Honolulu, Hawaii, November 2009.

N. Das, S. Murthy and A. Sen, "Towards a Covered and Connected Body Sensor Network for Healthcare Applications" *ACM Healthnet 2008, the 2nd International Workshop on Systems and Networking Support for Healthcare and Assisted Living Environments,* June 2008.

A. Sen , N. Das , L. Zhou , B. H. Shen, S. Murthy, P. Bhattacharya, "Coverage Problem for Sensors Embedded in Temperature Sensitive Environments*"* Proc. of *IEEE SECON* 2007, San Diego, California.

G. Xue, A. Sen, W. Zhang, J. Tang and K. Thulasiraman, "Finding a path subject to many additive constraints," *IEEE Transactions on Networking* February 2007.

A. Sen, S. Murthy, S. Ganguly and S. Bhatnagar, "Interference Aware Channel Assignment in Multi-channel, Multi-radio Wireless Mesh Networks," Proc. of *IEEE International Communication Conference (ICC)*, 2007, Glasgow, in June 2007.

A. Sen, B. Shen, L. Zhao and B. Hao, "Fault Tolerance in Sensor Networks: A New Evaluation Metric," Proc, of *IEEE INFOCOM*, Barcelona, Spain, April 2006.

J. Tang, B. Hao and A. Sen, "Relay Node Placement in Large Scale Wireless Sensor Networks," *Computer Communications*, 29, 490–501, Feb. 2006. Also available online via ScienceDirect, http://authors.elsevier.com/sd/article/S0140366405000459

R. Anderson, Fan-Chung Graham, A. Sen and G. Xue, "On Disjoint Path Pairs with Wavelength Continuity Constraint in WDM Networks" Proceedings of *IEEE INFOCOM 2004,* Hong Kong, March 2004.

Synergistic Activities:

- Served as the organizer and Co-Program Chair of the First and Second International Workshops on Network Science for Communication Networks (NetSciCom) held in conjunction with IEEE Infocom 2009 and 2010 at Rio de Janeiro and San Diego, respectively.
- Serving as an Associate Editor of IEEE Transaction on Mobile Computing since January 2007.
- Served as the Technical Program Co-Chair of Workshop on Foundations of Mobile Computing held in Portland, OR in August 2007 in conjunction with PODC 2007.
- Serving as Technical Program Co-Chair of IPCCC 2006.
- Served as member of the Program Committee of IEEE INFOCOM 2003, 2009,2010
- Served as the Co-Program Chair of IEEE High Performance Switching and Routing Workshop, 2004.
- Served as the Co-Program Chair of International Workshop on Distributed Computing, 2004
- Served as a Guest Editor of a special issue of ACM/Baltzer journal *Wireless Networks*, vol. 7, no. 6, 2001.
- Served as the Co-Program Chair of the NSF supported 3rd International Workshop on Discrete Algorithms and Methods for Mobile Communication (DIAL-M) held in Seattle in conjunction with MOBICOM'99 in August 1999. Currently serving as a member of the Steering Committee.