

1. **Name:** Asis Nasipuri

**Academic Rank:** Professor

2. **Degrees:**

|                |  |      |
|----------------|--|------|
| B.Tech. (Hons) | Indian Institute of Technology, Kharagpur, India | 1987 |
| MS             | University of Massachusetts at Amherst           | 1990 |
| PhD            | University of Massachusetts at Amherst           | 1993 |

3. **UNC Charlotte (number of years = 16)**

- Professor: 2012 - present
- Associate Professor: 2006 – 2012
- Assistant Professor: 2000- 2006

**University of Texas at San Antonio (number of years = 2)**

- Postdoctoral Fellow: 1998 – 2000

4. **Other related experience:**

- Assistant Professor, Indian Institute of Technology, Kharagpur, India, 1996 – 1998
- Visiting Lecturer, Indian Institute of Technology, Kharagpur, India, 1993 – 1995

5. **Certifications or professional registrations:** none

6. **Current membership in professional organizations**

- IEEE (Senior Member), IEEE Communications Society (1990 – present)
- ACM (2012 – present)
- ASEE (2016 – present)

7. **Honors and awards:**

- UNC Charlotte College of Engineering Maxheim Fellowship Award, 2005.

8. **Institutional and professional service in the last five years:**

- UNC Charlotte, Department Chair, 2015 – to date.
- UNC Charlotte, Interim Department Chair, 2014 – 2015.
- UNC Charlotte, Associate Chair and Undergraduate Coordinator, 2013 – 2014.
- UNC Charlotte, Director of Graduate Programs in ECE, 2006 – 2013.
- UNC Charlotte, Member of Task Force for Best Practices in Graduate Education (2010-2011)

9. **Principal publications of last five years:**

- A. Pal and A. Nasipuri, “A Quality based Routing Protocol for Wireless Mesh Networks”, Pervasive and Mobile Computing, Vol. 7, No. 5, October 2011, pp. 611 – 626, Elsevier.
- S. Roy, N. Darak, and A. Nasipuri, “Game Theoretic Approach for Joint Power Control and Routing in Wireless Sensor Networks”, Proceedings of the IEEE International Communications Conference – Ad-hoc and Sensor Networking Symposium (ICC’15 (09) AHSN), pp. 8335 – 8340, June 8-12, 2015, London, UK.
- Md. M. I. Rajib and A. Nasipuri, "Delay Performance of Intermittently Connected Wireless Sensor Networks with Cooperative Relays", Proceedings of the IEEE ICC 2015 - Workshop on Green Communications and Networks with Energy Harvesting, Smart Grids, and Renewable Energies, pp. 9741 – 9746, June 12, 2015, London, UK.

- A. Pal and A. Nasipuri, "PCOR: A Joint Power Control and Routing Scheme for Rechargeable Sensor Networks", Proceedings of the IEEE Wireless Communications and Networking Conference (IEEE WCNC'14), Istanbul, Turkey, April 6-9, 2014.
- N. Chuku and A. Nasipuri, "Performance Evaluation of an RSSI Based Localization Scheme for Wireless Sensor Networks to Mitigate Shadowing Effects", Proceedings of the IEEE Wireless Communications and Networking Conference (IEEE WCNC'14), Istanbul, Turkey, April 6-9, 2014.
- A. Pal and A. Nasipuri, "Lifetime of Asynchronous Wireless Sensor Networks with Multiple Channels and Power Control", Proceedings of the IEEE Wireless Communications and Networking Conference (IEEE WCNC'14), Istanbul, Turkey, April 6-9, 2014.
- Amitangshu Pal and Asis Nasipuri, "DRCS: A Distributed Routing and Channel Selection Scheme for Multi-Channel Wireless Sensor Networks", Proceedings of IEEE International Workshop on Sensor Networks and Systems for Pervasive Computing (PerSeNS 2013), March 22, 2013, San Diego, CA.
- A. Pal and A. Nasipuri, "A distributed channel selection scheme for multi-channel wireless sensor networks", Proceedings of the thirteenth ACM international symposium on Mobile Ad Hoc Networking and Computing (ACM MobiHoc '12), pp. 263 -264, ACM, New York, 2012.
- Amitangshu Pal and Asis Nasipuri, "JRCA: A Joint Routing and Channel Assignment Scheme for Wireless Mesh Networks", accepted for presentation at the 30th IEEE International Performance Computing and Communications Conference (IEEE IPCCC 2011), November 17 - 19, 2011.
- S. Kamath and A. Nasipuri, "Integrated Load Balanced and Energy Aware Routing in Large Scale Wireless Sensor Networks", accepted for presentation at the 30th IEEE International Performance Computing and Communications Conference (IEEE IPCCC 2011), November 17 - 19, 2011.
- A. Pal and A. Nasipuri, "Performance Analysis of IEEE 802.11 Distributed Coordination Function in Presence of Hidden Stations under Non-saturated Conditions with Infinite Buffer in Radio-over-Fiber Wireless LANs", Proceedings of the IEEE International Workshop on Local and Metropolitan Area Networks (IEEE LANMAN), July 2011.
- Amitangshu Pal and Asis Nasipuri, "GSQAR: A Quality Aware Anycast Routing Protocol for Wireless Mesh Networks", Proceedings of IEEE Global Telecommunications Conference (GLOBECOM), pp. 1 – 5, December 6 – 10, 2010.

#### **10. Professional development activities in the last five years:**

- General Chair, ACM MobiHoc'12, the Thirteenth ACM International Symposium of Mobile Ad Hoc Networking and Computing.
- Publicity co-chair, The 18th IEEE International Workshop on Local and Metropolitan Area Networks (LANMAN 2011), October 13 – 14, 2011, Chapel Hill, NC.
- Member of Editorial Board, International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC), Inderscience Publishers.
- Member of Technical Program Committee, IEEE International Conference on Communications (ICC), Ad Hoc and Sensor Networking Symposium, 2012 – 2014,
- IEEE Conference on Global Communications (GLOBECOM), Ad Hoc and Sensor Networking Symposium, 2013.