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Date of Birth: 07-07-79

Dr. Neeta Singh

Teaching Experience

Research Associate, School of ICT, Gautam Buddha University, Greater Noida (U.P.), April 2009 - present

August. 2008 – April 2009, **IMS College, Ghaziabad** as Lecturer of **Computer Science**.

Teaching experience (UG/PG) is approx. 2 years

Course taught: **PGDA (Enterprise Resource Planning), B.C.A. (Computer fundamental and programming in C)**

Appointed as an academic co-coordinator for various management and computer courses in NCIMS (AIMA-CME)

Education

July-2003 - February 2007 Ph.D. in Computer Science from Agra University **Center for Information and Decision Sciences**.

Submitted thesis on 22-12-05 and Viva-voice examination held in 5-2-07 degree awarded 14-3-07

Title of Thesis: Studies in Traffic Management Models for Wireless Communication Network.

2001-2003 M.C.M. from Daudayal institute of Vocation education, Agra University, Agra. **1st Class**

1996-1999 B.Sc. (Physics, Chemistry, Maths) Agra University, Agra. **1st Class**

1995 10+2 U.P. Board (Eng, Maths, Phy, Chem, Bio.) **2nd division**

1993 higher secondary U.P. Board (Eng, Maths, Phy, Chem, Bio.) **1st division**

Publications

Jain, M. and **Singh, N. (2003)**: Performance Analysis of Wireless Local Loop (WLL) with Integrated Traffic. Published in Souvenir of National Conference on Modern Mathematics: Applications to Information Technology sponsored by U.G.C. and organized by R.B.S. College Agra, pp.45.

Jain, M., **Singh, N.** and Priya, K. **(2003)**: Performance Analysis of Video Server in Video-on-Demand (VoD) System. Published in Souvenir of APORS 2003: Sixth International Conference of the Association of Asia Pacific Operational Research Societies within IFORS, New Delhi, pp. 55.

Jain, M. and **Singh, N. (2006)**: Delay Analysis of Cellular Mobile Communication Network Supporting Integrated Traffic with Multimedia Services. Published in Edited Book Information Technology, Operations Research and computing (eds. M. Jain and G. C. Sharma) Allied Pub. Pvt.

Ltd., New Delhi.

Jain, M. and **Singh, N. (2005)**: Performance Analysis in Multi Layer Cellular Network With Integrated Traffic. Published in proceedings of the 37th Annual Convention Vision 2020: The Strategic Role of Operational Research, Ahmedabad. (In press).

Jain, M., **Singh, N.** and Pandey, R. **(2007)**: Markovian Queue With Randomly Changing Arrival Rates and With A Resume Level Under N-policy. Published in Journal of ICT, Vol. 6.

Jain, M. and **Singh, N. (2006)**: M/M/1 Queue With Working Vacation In Wireless Access Networks. Published in CSI. Vol. 36, No. 4.

Conferences

International Conference on Operations Research Applications in Infrastructure Development held at J N Tata Auditorium, Indian Institute of Science, Bangalore on Dec 27-29, 2005 and presented paper entitled "Queueing Modeling of Wireless Local Loop (WLL)" and "Channel Allocation in Multilayer Cellular Networks".

Sixth International Conference of the Association of Asia-Pacific Operational Research Societies with in IFORS held at Delhi during December 8-11, 2003 and presented a paper entitled "Performance Analysis of Video Servers in (VoD) Video on Demand".

Bharata Ganita Parisad, held at Lucknow on November 13-14, 2005 and presented paper entitled "Markovian Queue with Randomly Changing Arrival Rates and a Resume Level Under N-Policy".

37th Annual Convention Vision 2020: The Strategic Role of Operational Research Societies, Ahmedabad held on January 8-11, 2005 and presented paper entitled "Performance Analysis in Multi Layer Cellular Network with Integrated Traffic".

National Conference on Information Technology, Operations Research and Computing held at Grand Hotel, Agra on April 10-12, 2004 and presented paper entitled "Delay Analysis of Cellular Mobile Communication Network Supporting Integrated Traffic with Multimedia Services".

National Conference on Modern Mathematics: Application to Information Technology held at Agra during 8 - 9 March, 2003 and presented a paper entitled "Performance Analysis of Wireless Local Loop (WLL)".

Awards

Markovian Queue With Randomly Changing Arrival Rates and With A Resume Level Under N-policy awarded for best paper in **Bharat Ganita Parsad** for the applied Mathematics category.

Interests and Activities

Life member of Bharata Ganita Parishad, Lucknow

Life member of Indian Society for Technical Education (ISTE), Delhi

Member of Organising Committee in the National Conference on Information Technology, Operations Research and Computing.

Participated in various conferences, debates, public-speaking contests, etc. at college and inter college levels.

Languages

English, Hindi

Computer
Knowledge

Good knowledge of Wireless Local Loop, Cellular, MATLAB, Networking, MIS, Fundamental of Computer & C Programming.

References

Dr. Madhu Jain (Reader)

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Roorkee Engineering college, Roorkee

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Prof. G. C. Sharma

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