**FACULTY PROFILE**



Name : Dr. Neeta Singh (Birth 07/07/79) Designation : Research Associate

Department :

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*Curriculum Vitae*

**LIST OF PAPERS/ CASE STUDIES:**

**Published:**

* **Markovian Queue With Randomly Changing Arrival Rates and With A Resume Level Under N-policy** Accepted in Journal of ICT, Malaysia
* **M/M/1 Queue With Working Vacation In Wireless Access Networks** Published in Journal of Computer Society of India, Oct-Dec, 2006, Vol. 36, No.4.
* **Channel Assignment Scheme for Handoff Prioritization in Cellular Radio Network Based on Optimal Allocation** Accepted for publication in International Journal of Operations and Research.
* **Performance Analysis of Wireless Local Loop (WLL)** Accepted for publication in Computer Society of India.
* **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.

**Presented:**

* ***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)”***