


Title	Dr.	First Name	Neeraj Kumar	Last Name	Sharma	Photograph
Designation	Assistant Professor					
Address	Computer Science Department, Ram Lal Anand College, University of Delhi, Delhi-110021.					
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Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2014	
Career Profile						
<p>Assistant Professor in Computer Science in Ram Lal Anand College since November 2003. (Taught students of various undergraduate courses like B.Sc. (H) Computer Science, B.A. with Computer Applications for the past 13 years. Taught "Programming Language Concepts" subject to students of M.C.A. at University of Delhi from 2005 to 2009.)</p>						
Areas of Interest / Specialization						
Algorithms, Artificial Intelligence Techniques, Multi-agent Systems, Fuzzy Systems, Trust and Reputation Systems in e-Commerce.						
Subjects Taught						
Data Structures, Algorithms, Theory of Computation, Artificial Intelligence, Computer Networks, Programming Language Concepts, Computer Fundamentals, Database Management System						
Publications Profile						

Publications in Journals:

1. Sharma, N. K., Gaur, V., & Bedi, P. (2016). Safeguarding Buyers with Attack-Resilient Reputation Parameters. *Journal of Theoretical and Applied Electronic Commerce Research*, 11(1), 46-66, ISSN: 0718-1876 (Electronic Version).
2. Sharma, N. K., Gaur, V., & Bedi, P. (2014). Improving Trustworthiness in E-Market Using Attack Resilient Reputation Modling. *International Journal of Intelligent Information Technologies (IJIT)*, 10(3), 57-82, Publisher: IGI Global. ISSN: 15483657, 15483665,
3. Sharma, N. K., Gaur, V., & Bedi, P. (2014). A Dynamic Personalised Product pricing Strategy using Multiple Attributes in Agent mediated e-market - A Neural Approach. *International Journal of Information and Decision Sciences (IJIDS)*, 6(1), 46-69. ISSN: 1756-7025.
4. Sharma, N. K., Gaur, V., & Muttoo, S. K. (2012). A Dynamic Reputation System with Built-in Attack Resilience to Safeguard Buyers in e-market. *ACM SIGSOFT, Software Engineering Notes*, 37(4), 1-19. ISSN: 0163-5948.
5. Gaur, V., Sharma, N. K., & Bedi, P. (2011b). A Dynamic Model for Sharing Reputation of Sellers among Buyers for Enhancing Trust in Agent Mediated e-market. *International Journal of Computer Science Issues* 8(6), 1-10. ISSN: 1694-0814.
6. Gaur, V., & Sharma, N. K. (2011b). A Dynamic Framework of Reputation Systems for an Agent Mediated e-market. *International Journal of Computer Science Issues* 8(4), 77-89. ISSN: 1694-0814.
7. Gaur, V., Sharma, N. K., & Bedi, P. (2011a). A Dynamic Reinforcement Learning Strategy for Seller Agents in e-market. *International Journal on Recent Trends in Engineering & Technology* 5(1), 25-31. ISSN: 2158-5555.

Publications in Conferences:

1. Sharma, N. K., Gaur, V., & Bedi, P. (2013a). Distributed Multi-agent Reputation Framework for Interactions in e-market. *IEEE International Conference on Fuzzy Systems 2013 (FUZZ-IEEE, 2013)* (pp. 1-8). Hyderabad, India: IEEE. ISSN: 1098-7584.
2. Gaur, V., & Sharma, N. K. (2011a). A Dynamic Seller Selection Model for Agent Mediated e-market. *In International Conference on Advances in Computing and Communication, Part II, CCIS 191* (pp. 284-295). Kochi, India: Springer Berlin Heidelberg. Online ISBN: 978-3-642-22714-1.
3. Gaur, V., Sharma, N. K., & Bedi, P. (2010). Evaluating Reputation Systems for Agent Mediated e-Commerce. *International Conference on Advances in Computer Science (ACS 2010)* (pp. 220-224). Kerala, India: Engineers Network, Conference Publishing System (CPS) ACEEE. ISBN: 978-81-910691-2-9.

Books Authored:

The two books/booklets that I have authored for IGNOU, MCA are:

1. "MCS-031: Design and Analysis of Algorithms (Design Techniques - 1)", ISBN: 81-266-2081-1, 2005.
2. "MCS-003: Artificial Intelligence and Knowledge Management (Applications of Artificial Intelligence)", ISBN: 978-81-266-2866-7, 2006.

Note: The above two books are being taught to the students of IGNOU MCA from 2005-2006 to till date throughout INDIA and abroad.

Research Projects (Major Grants/Research Collaboration)

University of Delhi Innovation Project :

Major/Minor: Major Project

Project Code: RLA 302

Year: 2015-16 (ongoing)

Project Title: Prospecting biologically active antibacterial compounds from plant extract against multi-drug resistant strains.

Investigators: Dr. Prerna Diwan, Dr. Salome John, Dr. Neeraj Kumar Sharma

Awards and Distinctions

Recognized by the Department of Computer Science, University of Delhi in the form of Certification Letters highlighting the major contribution of Dr. Neeraj Kumar Sharma for:

1. Designing the overall structure as well as the syllabi of a number of subjects (26 subjects) in a number of courses offered by the Department of Computer Science like B.Sc. (H) Computer Science, B.Sc. Program with Mathematical Sciences, B.Sc. Program with Computer Science and B.A. Program with Computer Applications from April to July 2015.
2. Designing the structure and syllabus of various Skill Enhancement Courses (4 credits each) and Generic Elective courses (6 credits each) for B.Sc. (H) Computer Science, B.Sc. Program with Computer Sc., B.Sc. Program with Mathematical Science and B.A. Program with Computer Applications from September 2015 to July 2016.

Other Activities**Courses Completed Successfully:**

1. "3-week Refresher Course in Computer Science" at Centre for Professional Development In Higher Education (CPDHE), University of Delhi from 22nd September 2005 to 14th October 2005.
2. "4-week Orientation course at Centre for Professional Development In Higher Education (CPDHE), University of Delhi from 3rd May 2007 to 30th May, 2007.
3. Five days "Teachers' Training Programme in Algorithms" organized by the Department of Computer Science on 20th, 21st, 24th, and 25th April 2009.
4. "Four week Refresher course in Computer Science & Information Technology" at Academic Staff College, Jawaharlal Nehru University (JNU) from 28th July 2014 to 22nd August 2014.
5. Machine Learning, 2011, Stanford University, Coursera.

Activities/Achievements (Academic):

1. Part of the IGNOU MCA course design committee constituted in 2005 for the subject MCS-031: Design and Analysis of Algorithms.
2. Part of the IGNOU MCA course design committee constituted in January 2006 for the subject MCS-003: Artificial Intelligence.
3. Conference/Seminar/Symposium Attended/Participated:
 - i. "Tenth International Database Engineering & Applications Symposium (IDEAS'06) held at IIT Delhi from Dember 11-13, 2006.
 - ii. "13th International Conference on Management of Data (COMAD 2006)" held at IIT Delhi, India from December 14-16, 2006.
 - iv. International Conference on "BIG DATA ANALYTICS (BDA-2014)" held at Indian Institute of Technology (IIT) Delhi from December 20-23, 2014.
 - v. National Seminar on "Advances in Big Data: Issues & Challenges" held at Gitarattan International Business School (giBS) affiliated to GGSIP University on 16th October, 2015.
4. Teacher In-charge of Computer Science Department in Ram Lal Anand College in 2005-06, 2007-08, 2009-10, January 2011-1st May 2011, 2014-15, November 2015-2016, 2016-17.
5. Over the years, worked in various committees in Ram Lal Anand College like workload and academic affairs committee, library committee, yoga committee, student fee concession committee, canteen committee, discipline committee etc.

Activities/Achievements (Social):

1. Working in an NGO called Pratham Sandesh that is active in the fields of Environment Protection and Education.