Title	Dr.	First Name	NAVEEN KUMAR	Last Name	JAIN	Photograph
Designation	**Professor**					
Address	**94 D, Pocket B, Dilshad Garden, Delhi - 110095**					
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Educational Qualifications

Degree	Institution	Year
B.Sc.(H) in Physics	KM College, University of Delhi, Delhi	1985
M.Sc. in Electronics	Department of Electronics, UDSC, DU, Delhi	1987
MTech. in Computer Science	SC&SS, JNU, Delhi	1989
Ph.D. in Computer Science	SC&SS, JNU, Delhi	1999

Career Profile

Lecturer since October 1990, Reader since October 1999, Associate Professor since Jan 2006 and Professor w.e.f. July 2018 till date in Electronics department, Zakir Husain Delhi College, University of Delhi, Delhi.

Administrative Assignments

- Teacher in charge and Superintendent practical examination of the Department of Electronics as well as Member of timetable committee and Canteen Committee, in Zakir Husain Delhi College in the recent past.
- He had been convener/member of various question paper settings for different subjects of Electronics in University of Delhi in Annual and Semester theory examinations.
- Teacher Member for three years from colleges of committee of courses Electronics Department and twice faculty of interdisciplinary and applied sciences south Delhi campus, Delhi University.
- He had been convener of Gandhi Study Circle and Member editorial team of science magazine

Spectrum of Zakir Husain Delhi College.
- He Had been member of Discipline committee in DUSU Elections, organizing committee Annual Day, National Service Scheme etc.
- He had been also member of course drafting committees for various courses in NEP framework 2020.
- He had been also Ex-Convener of Canteen Committee.

Areas of Interest / Specialization

General Knowledge Representation, Learning, Context sensitive reasoning, Live thinking Machine and Thinking Human being. Education for the holistic Development.

Subjects Taught

Modern Physics and Quantum Mechanics, Optics and Optoelectronics, Engineering Drawing, Mathematical Physics, Digital Electronics, Numerical technology, Basic Circuit theory and Network Analysis and Integrating Mind body and Heart as theory papers, Signal Systems, Numerical Analysis and Fortran IV, C++ / C and Data structure, Programming with Python, Engineering Mathematics etc.

Research Guidance

Two Ph.D. as external Guide:

(1) Dr Sarika Jain
Title of the Ph.D. thesis "A Generalized Knowledge Representation System and Its Implementation: An Extended Hierarchical Censored Production Rules (EHCPRs) System". This system has been implemented in programming language JAVA. CCSU University, Meerut

(2) Dr Deepa Choudhary
Title of the Ph.D. thesis "Learning Schemes and its Implementation in Extended Hierarchical Censored Production Rules (EHCPRs) Based System, from Uttarakhand Technical University, Dehradun.

Publications Profile

1. 2016, Jain N. K., "Social Empowerment through Renovation and Rejuvenation of Education System", JYOTIRMAY Research Journal of Education (International), ISSN: 2454-6070, Vol. 2 issue 1, pp. 70-76.
2. 2015, Mishra Sanju, S Malik, N.K. Jain, Sarika Jain "A Realist Framework for Ontologies and the Semantic Web." Procedia Computer Science 70 (Dec 2015): 483-490. (Scopus Indexed)
3. 2015, Malik Sonika, Sanju Mishra, N.K. Jain, Sarika Jain, "Devising a Super Ontology." Procedia Computer Science 70 (Dec 2015): 785-792. (Scopus Indexed)
4. 2015, Jain, Sarika, N. K. Jain, and Sanju Mishra. "EHCPRs System as an Ontology Learning System." *Computing for Sustainable Global Development (INDIA Com), 2015 International Conference on*. IEEE, 2015: 978 - 984. (Scopus Indexed)
5. 2015, N. K. Jain, Dharmanand Jain, "Women Empowerment through Renovation and Rejuvenation of Education System", First Chapter of the Edited book Titled "Empowering Women: the Indian perspectives" By Gopal Krishn, Authors Pride Publications Private Limited, INDIA, ISBN 978-81-929634-2-6.

6. 2014, Sarika Jain, N.K. Jain, "A Globalized Intelligent System", International Conference on Computing for Sustainable Global Development (INDIA Com), 5-7 March.

7. 2014, N. K. Jain, Renovation and Rejuvenation of Teachers Education, National seminar Teacher's education in 21st Century, Saraswati Mahila Mahavidyalaya, Kanpur, 25- 26 February.

8. 2013, N.K. Jain, Sarika Jain, "Live Multilingual Thinking Machine", Journal of Experimental and Theoretical Artificial Intelligence, Taylor and Francis, vol. 25:4, pp. 575-587.

9. 2013, Chaudhary D., Jain N.K, Live EHCPRs System, World conference on Advances in Communication and Control System (CACCS-2013) http://www.atlantis-press.com/publications/aisr/cac2s-13/,6-8 April 2013.

10. 2012, Deepa Chaudhary, Sarika Jain, Monica Singh, N.K. Jain, "Multiencrypted Extended Hierarchical Censored Production Rules System: An Implementation", VSRD International Journal of Computer Science and Information Technology, vol. 2:11, pp. 874-879.

11. 2012, Sarika Jain, N.K. Jain, "Learning Techniques in Extended Hierarchical Censored Production Rules (EHCPRs) System", Artificial Intelligence Review, Springer Netherlands, vol. 38:2, pp 97-117.

12. 2011, Sarika Jain, Deepa Chaudhary, N.K. Jain, "Localization of EHCPRs System in the Multilingual Domain: An Implementation" Information Systems for Indian Languages, Communications in Computer and Information Science, Springer Berlin Heidelberg, vol. 139:3, pp 314-316.

13. 2011, Deepa Chaudhary, Sarika Jain, N.K. Jain, "Extracting EHCPRs Rules from Existing Knowledge Bases", International Conference on Issues and Challenges in Networking, Intelligence and Computing Technologies (ICNICT' 2011), Sep 2-3.

14. 2011, Deepa Chaudhary, Sarika Jain, N.K. Jain, "Globalization of EHCPRs System" 7th International Conference on Upcoming Trends in IT-2011 (ICUTIT-2011), Ludhiana, March 26.

15. 2011, N.K. Jain, Sarika Jain, Deepa Chaudhary, Vijay, "Multilingual EHCPRs System", Proceedings of National Conference on Recent Trends in Materials and Devices, Amity University, May 19-20.

16. 2010, Sarika Jain, N.K. Jain, "Acquiring knowledge in Extended Hierarchical Censored Production Rules (EHCPRs) System", International Journal of Artificial Life Research (IJALR), Vol.1 [4], pp 10-28, 2010.

17. 2010, Sarika Jain, N.K. Jain, Deepa Chaudhary, "Extended Hierarchical Censored Production Rules (EHCPRs) System as Decision Support System", MERI - Journal of Management and IT, vol 4:2, pp 57-68.

18. 2010, Sarika Jain, N.K. Jain, "Scope of Natural Language Translations in EHCPRs System" Proceedings of International Conference on "Role of Translation in Nation Building, Nationalism and Supra-nationalism", Dec16-19.

19. 2010, Sarika Jain, N.K. Jain, C.K. Goel, "Context Sensitivity in Extended Hierarchical Censored Production Rules (EHCPRs) System" Proceedings of National Conference on Recent Trends in Materials and Devices (RTMD-2010), Amity University, May 20-22.

20. 2009, Sarika Jain, N.K. Jain "Representation of Defaults and Constraints in EHCPRs System: An Implementation", Int. J. Adaptive and Innovative Systems, Vol. 1:2, pp. 105-120, DOI 10.1504/IJAIS.2010.032274

21. Sarika Jain, N.K. Jain "A generalized knowledge representation system for context sensitive reasoning: generalized HCPRs (GHCPRs) system', Artificial Intelligence Review, vol 30, No 1, pp. 39, DOI 10.1007/s10462-009-9115-8

22. 2009, Sarika Jain, N.K. Jain "Reasoning in EHCPRs System", International Journal of Open Problems in Computer Science and Mathematics, vol.2:2, pp. 173-193.

23. 2008, Sarika Jain, N.K. Jain "Implementing General Control Scheme in EHCPRs System", Proceedings of Second National Conference on Mathematical Techniques: Emerging Paradigms for Electronics and IT Industries (MATEIT-2008), pp. 347-353.

24. 2008, Sarika Jain, N.K. Jain "EHCPRs System and Management", Journal of IPEM, vol. 3:1, pp. 1-17, INDIA.

25. 2007, N.K. Jain, Sarika Jain, "A Generalized Knowledge Representation System and its Implementation: An Extended Hierarchical Censored Production Rules (EHCPRs) System", MERI, Journal of Management and IT, vol. 1:1, pp. 88-101, INDIA.
26. 1999, Jain, N.K., Bharadwaj, K.K., and Marranghello, N., "Extended Hierarchical Censored Production Rules (EHCPRs) System: An approach towards generalized knowledge representation", Journal of Intelligent System, Freund & Pettman, UK, 9, 259-295.
27. 1998, Jain, N.K., and Bharadwaj, K.K., "Some learning techniques in Hierarchical Censored Production Rules (HCPRs) System", International Journal of Intelligent Systems, VOL. 13, John Wiley & Sons., North Holland.
28. 1992, Bharadwaj, K.K. and Jain, N.K. "Hierarchical Censored Production Rules (HCPRs) System", Data and Knowledge Engineering. North Holland, vol. 8, pp. 19-34.

Conference Presentations

1. 2015, Jain, Sarika, N. K. Jain, and Sanju Mishra. "EHCPRs System as an Ontology Learning System." *Computing for Sustainable Global Development (INDIA Com), 2015 International Conference on*. IEEE, 2015: 978 - 984. (Scopus Indexed)

2. 2014, Sarika Jain, N.K. Jain, "A Globalized Intelligent System", International Conference on Computing for Sustainable Global Development (INDIA Com), 5-7 March.

3. 2023, Abhishek Sharma, Sarika Jain, N. K. Jain, "A Research Agenda Towards Culturally aware information System", International Conference on Advances in IoT, Security with AI (ICAISA-2023), 24-25 March.

Books Authored

- Co-authored a book with title "Basic circuit theory & Network Analysis", A.K Publications Delhi /India 2017-18
- Co-authored a book with title "Mathematics Foundation", A.K Publications Delhi /India 2017-18
- Co-authored a book with title "Digital Electronics & VHDL", Rakesh Book Service Delhi / India 2017-18

Awards and Distinctions

Junior Research fellowship from Council of Scientific and Industrial research for two years during Aug 1987 to July 1989 AND Senior Research Fellowship from Aug 1989 to Aug 1990.

Association With Professional Bodies

- **Executive member** for many years, Anuvrat Samiti Delhi in the past.

Other Activities

- Orientation program from CPDHE, Delhi University.
- Refresher Course in Electronics, Gulbarga University, Karnataka. Refresher course in Computer Science, ASC, JNU.
- Guest Faculty at the JNU— during 1999 to 2003 for four years.

- Designed Visiting Faculty at the- IETE for ALCCS for Six Years.
- Delivered a Lecture at 15th and 16th Refresher course in "Computer Science and Information Technology", Academic staff college, JNU as a Resource Person
- **Guest Faculty** for few years at ARSD AND BCAS Colleges of DU for Engineering Drawing.

Signature of Faculty Member