

Faculty Details

Name	Ms. Seema	
Designation	Assistant Professor	
Email	Seema.seema@rajguru.du.ac.in	
Degree	Institution	Year
Ph.D	University of Delhi	pursuing
MCA	MDU	2010
MSC(COMP.Sci)	MDU	2009
BCA	Kurukshetra university	2007
Areas of Interest / Specialization -		
Big Data, Data Mining, Social network analysis, Evolutionary algorithms		
Association with Professional Bodies		
• DBMS • Computer system Architecture • Computer Network • Data mining • Discrete Mathematical structure • Data Analysis and visualization using python • Programming using C++ • Fundamental of computer		
Publications Profile		
Journal Publication: • Published research paper titled “ Influence Maximization in Social Networks Under Seeding Budget Constraints: A Novel Shuffled Flamingo Search-Based Metaheuristic Approach for Viral Marketing” in Journal of Organizational Computing and Electronic Commerce, Volume 35, 1-16, (2025), https://doi.org/10.1080/10919392.2025.2544492 • Published research paper titled “Multi-modal Flamingo Search Algorithm (MMFSA)” in International Journal of System Assurance Engineering and Management, volume 16, pp. 2480–2494 (2025), https://doi.org/10.1007/s13198-025-02807-3 • Published research paper titled “Data Clustering using nature inspired kin Recognition System” in International Journal of Innovation and Multidisciplinary Research (IJAMR), Volume 3 Issue 3, pp. 37-42 https://doi.org/10.67505/IJAMR.v3.i3.93		
Conferences • Presented and published paper titled “Expert Identification in Online Q&A with MMFSA” in 12th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) on 18-19 September 2025, pp. 1-6 by Amity University, Noida, India. doi: 10.1109/ICRITO66076.2025.11241769. • H. Banati and Seema, "Proficiency Assessment of Experts in Online Social network Q/A Communities," 2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and		

Future Directions) (ICRITO), Noida, India, 2021, pp. 1-5, doi: 10.1109/ICRITO51393.2021.9596201.

- Nomaan Areeba, Neha Tiwari, Vartika Shukla, Projes Roy and Seema. "The Evolution of the "BOW-HEADED Tribe" ." In National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 25-28, 2016.
- Seema, Divya Pandey and Parvez Ahmad. "Cyber War: An Open Challenge to Our Nation." In National Conference on Advancements in Electronics and Computer Applications (NCAECA), pp. 84-88, 2016.

Book Chapter/Book

- Published book chapter titled “Shuffled Flamingo Search (ShFSA) Algorithm” in *Frontiers of Artificial Intelligence, Ethics and Multidisciplinary Applications (FAIE)* Springer, Print ISBN: 978-981-96-8455-7, pp. 283-301 (2025) https://doi.org/10.1007/978-981-96-8456-4_15
- Authored a book chapter titled “Enhancing Business Efficiency with ERP, CRM, and SCM” [174-200] (2023), Published by: Department of Distance and Continuing Education, Campus of Open Learning/School of Open Learning, University of Delhi. ISBN: 978-81-19169-14-6
- Authored a book chapter titled Introduction to OOP in *Introduction to Programming Using C++* [3-23] (2023), Published by: Department of Distance and Continuing Education, Campus of Open Learning/School of Open Learning, University of Delhi.
- Authored a book chapter titled Introduction and Basic Concepts of C++ in *Introduction to Programming Using C++* [25-44] (2023), Published by: Department of Distance and Continuing Education, Campus of Open Learning/School of Open Learning, University of Delhi
- Authored a book “Database management System” (2025), Published by: Department of Distance and Continuing Education, Campus of Open Learning/School of Open Learning, University of Delhi
- Authored book named DATABASE MANAGEMENT SYSTEM: A SIMPLIFIED Approach ISBN- 978-93-81883-23-5 in July 2014.

Awards and Distinctions

- Qualified UGC NET June 2012 & Dec 2012 for Lectureship in Computer Science and Application.
- Received best paper award at 12th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) held on 18-19 September 2025 by Amity University, Noida, India.

Administrative Responsibilities

- Associate Editor of *International Journal of Innovation and Multidisciplinary Research (IJAMR)*
- Contributed as a trainer for the “Certificate Course in Lab Technology and Lab Management” conducted by the Centre for Innovation Skill-Based Courses under the Open Learning Development Centre, SOL/COL, University of Delhi, from August 2025 to January 2026.
- Organised and contributed as a resource person for the skill enhancement workshop on "Microsoft Excel" held for para-teaching staff of the SRCASW college on 25th September 2025.
- Organised and contributed as a resource person for the skill enhancement workshop on "Microsoft Word" held for para-teaching staff of the SRCASW college on 8th February 2025.
- Member of Alumni Cell, Admission Enabling Committee, Spic Macay, Fee Concession, Women Development Cell, Eco Club.
- Worked as Convener of SpicMacay
- Co-convener of Garden Committee

