

Faculty Details

Name	Tina Sachdeva	
Designation	Assistant Professor, Department of Computer Science	
Email	tina.sachdeva@rajguru.du.ac.in	
Degree	Institution	Year
BIS, MCA, M.Tech (Computer Science and Engineering), M.Phil(Computer Science)		
B.I.S(Bachelor of Information Sciences)-4-year Degree course in Computer Science	University of Delhi	2002
M.Tech (Computer Science& Engineering)	Delhi Technological University	2017
M.Phil (Computer Science)	Alagappa University	2009
• UGC-NET qualified in Computer Science and Applications • GATE qualified in Computer Science		
Areas of Interest / Specialization -		
Algorithms, Data Structures, Fundamentals of Programming using C++, Artificial Intelligence		
Publications Profile		
Conference Publications		
1. Sachdeva T., Sharma N.," Computation of Bandwidth Utilization in a Network File System," Recent trends in Instrumentation and Electronics (RTIE2016), ISBN- 978-1539305422. 2. Sachdeva T., Sharma N.," Future Architecture of General-Purpose Computing on Graphics Processing Units (GPGPUs)," National Conference on Advancements in Electronics and Computer Applications (NCAECA-2016), ISBN-978-93-5254-496-7. 3. Authored and presented a paper titled "Designing of an Application for group-based coordination for Information exchange in Ad-hoc networks" at IC3TSN, held at Gurugram on 12-14 October, 2017. IEEE ISBN: 978-1-5386-0627-8 (SCOPUS indexed)		
Journal Publications		
4. Sachdeva T., "Swarm Intelligence Techniques and Genetic Algorithms for Test Case		

Prioritization,” International Journal of Engineering and Advanced Technology, Volume 9, Issue 4, April 2020, ISSN: 2249-8958.

5. Sachdeva T., Pattanaik A., "Software Test Data Generation based on Path Testing using Genetic Algorithms", International Journal of Recent Technology and Engineering, Volume 8, Issue 6, March 2020, ISSN: 2277- 3878
6. Tina Sachdeva, Akansha Jain, Khushi Srivastava and Meenakshi Bharadwaj, “AutoCertiGen: Revolutionizing the Automation of Electronic Batch Certificate Generation using Apache Libraries,” International Journal of Innovation & Multidisciplinary Research (IJIMR), Volume 1, Issue 1, January 2022.

Book Chapter

7. Co-authored book chapter titled “Structured System Analysis, System Development, System Development Life Cycle” in Management Information System (pp.146-173), School of Open Learning, University of Delhi, India (2023), ISBN:978-81-19169-14-6

Projects

Principal Investigator for project titled “Group based coordination for Information exchange in adhoc networks” funded by Innovation Desk, University of Delhi.

Administrative Responsibilities

For year 2025-26

- Philyra- The music society-Convener
- TedX- co-convener
- Research Committee- Member
- Data Acquisition Committee- Member

For Prior years

- NSS- Programme Officer
- Examination Committee- Member
- Data Acquisition Committee- Member
- Research Committee- Member
- Philyra – Member
- Decoration Committee- Member
- Food Committee- Member
- Fee concession and Scholarship Committee-Member