



Shaheed Rajguru College of Applied Sciences for Women
University of Delhi
Faculty Profile

Name	Arushi Goyal	
Designation	Assistant professor	
Email	arushi.goyal@rajguru.du.ac.in	
Degree	Institution	Year
B.Sc(H) Mathematics	Kirorimal College, University of Delhi	2014
M.Sc Mathematics	Indian Institute of Technology, Delhi	2016
M.Phil. Mathematics	Department of Mathematics, University of Delhi	2021
Net-LS	UGC-CSIR	2016
Areas of Interest / Specialization		
Fixed Point Theory, General topology, Metric Spaces, Fixed Points in Fuzzy sets		
Publications Profile		
Awards and Distinctions		
Research Guidance: Projects/Research Internships		
- Supervised one undergraduate student for the award of B.Sc. (Hons.) with Research in Mathematics (Academic Project) in 2025-26 on the topic "A comparative analysis of Clustering Algorithms in Targeted preventive Care". - Supervised one undergraduate student for the award of B.Sc. (Hons.) with Research in Mathematics (Academic Project) in 2025-26 on the topic "A comparative study for optimizing traffic signals using four graph coloring algorithms". - Supervised one undergraduate student for the award of B.Sc. (Hons.) with Research in Mathematics (Academic Project) in 2025-26 on the topic "A graph-theoretic Clustering Approach to Social Network Analysis". - Supervised one undergraduate student for the award of B.Sc. (Hons.) with Research in Mathematics (Academic Project) in 2025-26 on the topic "Advanced edge-based clustering and graph embedding for biological network analysis: A case study in Rare Neurological Syndrome". - Mentored the research internship of one undergraduate students on the topic "Cryptocurrency Analysis using Formal Concept Analysis" in 2024-25.		