

**Department of Computer Science
University of Delhi
Delhi-110007**

List of Ph.D. Studetns (Completed - from 1990 onwards)

Last Updated: 26-Oct-2018

S.No.	Name	Year	Title	Supervisor	Affiliation
1	Bimlesh Mehendiretta	1990	Experimentation and Modelling in Software Complexity Metrics	Prof. P.S.Grover	Faculty Member, Department of Computer Science, National University of Singapore
2	R.B. Garg	1990	Reliability Modelling in software and Computing Systems	Prof. K.D.Sharma	
3	Annuradha Sharma	1992	Analysis and design of efficient parametric techniques for surface generation.	Prof. P.S. Grover	
4	M.P. Jaiswal	1992	Nonlinear queueing models for computer communication and machine interference	Prof. K.D. Sharma & Prof. Karmashu	
5	Meenakshi Mahajan	1992	Performability of analysis of multidisk system	Prof. K.D.Sharma & Prof. Manju Lata Aggarwal	
6	Said Younes	1994	Studies in software reliability modelling	Prof. K.D. Sharma & Prof. P.K. Kapur	
7	P.K. Das	1997	Computer speech recognition using vector quantization and hidden markov modelling	Dr. S.S. Agrawal & Prof. P.S. Grover	
8	Punam Bedi	1999	A Unified Approach for Designing Frame Based Systems	Prof. K.D. Sharma & Prof. Saroj Kaushik	Department of Computer Science, DU
9	Rajesh Narang	2000	View generation and concurrency control in object oriented database systems	Prof. P.S. Grover	
10	Omar Ali Odeh Shatnawi	2005	Modelling in Software reliability	Prof. P.K. Kapur & Prof. P.S. Grover	
11	Ahmed Sultan Gamil	2006	On quantification of novelty in knowledge discovery systems	Dr. Naveen Kumar & Dr. Vasudha Bhatnagar	
12	Hema Banati	2006	Determining Web Usability - A Pragmatic Approach	Dr. Punam Bedi	Dyal Singh College, DU

13	Priti Sehgal	2006	Study and enhancements of non-photorealistic rendering techniques	Prof. P.S. Grover	Keshav Mahavidyalaya, DU
14	S.K. Pal	2006	Development of techniques for protection and analysis of hidden digital information	Dr. S.K.Muttoo	DRDO, Delhi
15	V.K.B. Galotra	2006	Multiple Aspects of Crafting Expert Systems	Prof. K.D.Sharma	
16	Harmeet Kaur	2007	Trust Based Decentralized Recommender System	Dr. Punam Bedi	Hansraj College, DU
17	Vibha Gaur	2007	Refining Quality Requirements to match Users' Expectations	Dr. Punam Bedi	AND College, DU
18	Sudeep Marwaha	2008	Temporal Extension to Ontologies for Semantic Web Enabled Systems	Dr. Punam Bedi	
19	Arpita Aggarwal	2010		Dr. Naveen Kumar	PGDAV College, DU
20	Sarabjeet Kaur Kochhar	2010	Towards characterization of Data Generation Process underlying an Evolving Dataset	Dr. Vasudha Bhatanagr	IP College, DU
21	Sharanjeet Kaur	2011	Leveraging Grid As a Synopsis for Mining Data Streams	Dr. Vasudha Bhatnagar	AND College, DU
22	Suruchi Chawla	2011	Information retrieval with information scent and agents	Dr. Punam Bedi	SRCAS, DU
23	Ravish Sharma	2012	Recommending Solution for Complex Systems Based on Ant Colony Metaphor	Dr. Punam Bedi	PGDAV College, DU
24	Sandhya Khurana	2012	Handling Attacks on Routing Protocols in Ad Hoc Networks	Dr. Neelima Gupta	Department of Electronics, DU
25	Vinay Kumar	2012	A Graph Theoretic Approach to Information Hiding	Dr. S.K.Muttoo	
26	Anamika Gupta	2013	Lattice based Rule Mining	Dr. Naveen Kumar & Dr.Vasudha Bhatnagar	SSCBS, DU
27	Anjali Thukral	2013	Retrieving and Organizing Web Resources Semantically for Informal E-Monitoring	Dr. Punam Bedi & Dr. Hema Banati	Keshav Mahavidyalaya, DU

28	Charu Puri	2013	Objective Function based Fuzzy Subspace Clustering	Dr. Naveen Kumar	PGDAV College, DU
29	Roli Bansal	2013	Computationally Intelligent Watermarking for Securing Fingerprint Images	Dr. Punam Bedi & Dr. Priti Sehgal	Keshav Mahavidyalaya, DU
30	Seema Aggarwal	2013	Using Mutual Information for Extracting Biclusters from Gene Expression Data	Dr. Neelima Gupta	Miranda House, DU
31	Vandana Gandotra	2013	Proactive Threat Management for Developing Secure Software Systems	Dr. Archana Singhal	RamLal Anand College, DU
32	Aakanksha	2014	Mobile Process Groups Based Trustworthy Coordination In Ad-hoc Networks	Dr. Punam Bedi	SRCAS, DU
33	Anuja Soni	2014	Requirement Engineering Process for Multi-Agent Systems	Dr. Vibha Gaur	Deen Dyal Upadhaya College, DU
34	Bhavna Gupta	2014	Trust-based Multiagent Service Recommender System	Dr. Punam Bedi & Dr. Harmeet Kaur	Keshav Mahavidyalaya, DU
35	Harita Mehta	2014	Information Theoretic Approach for Hybrid Recommender System	Dr. V.S.Dixit	AND College, DU
36	Karan Gupta	2014	Framework For Web 2.0 Elements in Web Applications	Dr. Anita Goel	SGTBK College, DU
37	Manisha Bansal	2014	Approximation Algorithms for Facility Location Problems	Dr. Neelima Gupta	IP College, DU
38	Monika Bajaj	2014	Targeted Product Promotion Using Firefly Algorithm on Social Networks	Dr. Hema Banati	
39	Neeraj Sharma	2014	Agent-Mediated Attack-Resilient Reputation System for E-Commerce	Dr. Vibha Gaur	RamLal Anand College, DU
40	Pooja Vashisth	2014	Trust and Argumentation Based Recommender Systems	Dr. Punam Bedi	Shyama Prasad College, DU
41	Preeti Marwaha	2014	Temporal Enhancement of Web Services	Dr. Hema Banati	AND College, DU
42	Richa Sharma	2014	Adaptive Content Sequencing Incorporating Social Opinion in an E-Learning Environment	Dr. Punam Bedi & Dr. Hema Banati	Keshav Mahavidyalaya, DU

43	Sangeeta Ahuja	2014	Novel Algorithms for Cluster Ensemble with Applications	Dr. Vasudha Bhatnagar	
44	Shikha Mehta	2014	Contextual Web Search Using Nature Inspired Algorithms	Dr. Hema Banati	IP College, DU
45	Sumit Kr. Agarwal	2014	Context-Aware Trust Based Mobile Recommender System	Dr. Punam Bedi	PGDAV College, DU
46	Sushil Kumar	2014	Daa Hiding In Digital Images Using Steganography	Dr. S.K.Muttoo	Rajdhani College, DU
47	Deepali Jain	2015	Optimization of Trust Based Recommender Systems	Dr. Harmeet Kaur	
48	Manoj Agarwal	2015	Multi-robot Coalition Formation: A Multi-objective Perspective	Dr. Naveen Kumar	Hansraj College, DU
49	Shveta Kundra Bhatia	2015	Techniques to Refine Web Session Clustering	Dr. V.S.Dixit	Swami Shardhanand College, DU
50	Sonia	2015	Security in Agile Methods for Developing Software Systems	Dr. Archana Singhal	
51	Charu Aggarwal	2016	Design of Digital Watermarking Schemes for Gray-Scale Images and Uncompressed Video using Soft Computing Techniques	Dr. Arpita Mishra & Dr. Anurag Mishra	
52	Krishan Kr. Chaturvedi	2016	Bug-Severity Assessment and Complexity of Code Change Based Prediction Models	Dr. V. B. Singh	
53	Parvaneh Mansouri	2016	Design and Application of Bio-Inspired Algorithms for Solving Numerical Optimization Problems	Dr. Neelima Gupta	
54	Ruchika Thukral	2016	Framework for Web Services in Education Management	Dr. Anita Goel	
55	Samiksha Goel	2016	Nature Inspired Intelligence for Natural Terrain Understanding	Dr. Arpita Mishra	
56	Shailey Chawla	2016	WEB Specific Goal Driven Requirements Engineering	Dr. Sangeeta Srivastava	
57	Shikha Aggarwal	2016	Semantically Enhanced Protective News Recommender System	Dr. Archana Singhal	

58	Abhishek Bansal	2017	Steganographic Techniques Inspired by Mathematical Chess Problems	Prof. S.K.Muttoo	
59	Aparna Datt	2017	Framework for Monitoring Cloud Compute Infrastructure	Dr. Anita Goel	PGDAV College, DU
60	Geeta Aggarwal nee Geeta Gupta	2017	Combining Bi-Clustering Solutions for Gene Expression Data	Prof. Neelima Gupta	PGDAV College, DU
61	Manjot Kaur Bhatia	2017	Techniques for Security in Grid Computing	Prof. S.K.Muttoo	
62	Pragya Jain	2017	Framework for Infrastructure Monitoring of Object Storage in Cloud	Dr. Anita Goel	
63	Meera Sharma	2018	Developing Prediction Models to Assist Software Developers and Support Managers	Dr. V.B.Singh	Swami Shardhanand College, DU
64	Nidhi Goel	2018	Quality Estimation of Tomatoes Using Machine Vision: A Multi-Modal Image Retrieval Perspective	Dr. Priti Sehgal	
65	Shikha Gupta nee Shikha Agarwal	2018	Community Detection in Social Networks: A Quantum-Inspired Evolutionary Approach	Prof. Naveen Kumar	SSCBS, DU
66	Sonika Thakral	2018	Approximation Algorithms for Data Placement problems	Prof. Neelima Gupta	SSCBS, DU