




Faculty Details



Title	Ms.	First name	Shikha	Last name	Gupta	Photograph
Designation	Assistant Professor					
Address Office	S.S. College of Business Studies, Jhilmil Colony, Vivek Vihar- Phase II, Delhi-110095					
Residence						
Phone No. Office	22154581					
Residence Mobile	9873177370					
E-mail	Guptas_2003@yahoo.co.in					
Web-page						
Educational Qualifications						
Degree	Institution				Year	
Ph. D.	University of Delhi				Submitted (2016)	
M. Phil.	Madurai Kamraj University				2009	
PG (M.C.A.)	University of Delhi				1997	
UG (B.Sc. Statistics (H))	University of Delhi				1994	
Any other qualification						
Career Profile						
1997: Member of Technical Staff, HCL-Technologies, Noida 1998-2000: System Analyst, XRT-CERG Inc., PA, USA 2001-till date: Assistant Professor, S.S.College of Business Studies, University of Delhi						
Administrative Assignments						
Participated /acted as convener in Admission Committee, Timetable Committee, Purchase Committee, Internal Assessment Moderation Committee, I.T Society/Festival/Seminar, Website Committee, Kartavya (Social Cause Society). Took responsibility of Teacher In-Charge, teacher representative on the college Governing Body						
Areas of Interest/Specialization						
Social network analysis, Quantum-inspired computing, Evolutionary algorithms						
Subjects taught (in recent years)						
Database Management Systems Operating Systems Design and Analysis of Algorithms						



Faculty Details



Research Guidance

M.Sc. Students- Since 2011

B.Sc. Students- 2005-2011

Publications Profile

1. Shikha Gupta and Naveen Kumar. Parameter tuning in quantum-inspired evolutionary algorithms for partitioning complex networks. In Genetic and Evolutionary Computation Conference, GECCO '14, Vancouver, BC, Canada, July 12-16, 2014, Companion Material Proceedings, pages 1045–1048, 2014.
2. Shikha Gupta, Sheetal Taneja, and Naveen Kumar. Quantum inspired genetic algorithm for community structure detection in social networks. In Genetic and Evolutionary Computation Conference, GECCO '14, Vancouver, BC, Canada, July 12-16, 2014, pages 1119–1126, 2014.
3. Shikha Gupta and Naveen Kumar. Gpu-based massively parallel quantum inspired genetic algorithm for detection of communities in complex networks. In Proceedings of the Companion Publication of the 2014 Annual Conference on Genetic and Evolutionary Computation, GECCO Comp '14, pages 163–164, New York, NY, USA, 2014. ACM.
4. Shikha Gupta, Barkha Khatri, Tamanna Gupta, and Naveen Kumar. Modified partition integration method for community detection in multidimensional social networks. In Natural Computation (ICNC), 2015 11th International Conference on, pages 1188–1195, Aug 2015.
5. Shikha Gupta, Sheetal Taneja, and Naveen Kumar. Redefining the Classroom: Integration of Open and Classroom Learning in Higher Education, pages 168-182. In the book “Macro-Level Learning through Massive Open Online Courses (MOOCs): Strategies and Predictions for the Future”, 2015.
6. Gupta, Anamika, Shikha Gupta and Naveen Kumar. "Mining Frequent Closed Itemsets for Association Rules." Handbook of Research on Innovations in Database Technologies and Applications: Current and Future Trends. IGI Global, 2009. 537-546. Web. 20 Feb. 2012.



Faculty Details



Conference Organization/ Presentations

Date	Topic	Organization
12th-16th July, 2014	Attended and Presented three papers in the international conference--- Genetic and Evolutionary Computation Conference (GECCO), Vancouver, B.C., Canada	ACM
16 th -18 th December, 2014	Presented a paper titled “Measuring and predicting conference impact” at 1st Work-in progress symposium (WIPS, 2014), Dept of Comp Sc, University of Delhi, co-located with BDA 2014	University of Delhi
20 th -23 rd December, 2014	Attended International Conference on Big data Analytics, IIT Delhi.	University of Delhi, University of Aizu
14 th -6 th February, 2014	Attended ACM India Annual Event.	IIT Delhi
October 19, 2013	Attended 5 th IBM Collaborative Academia Research Exchange (I-CARE) workshop	IBM Research – India & IBM India University Relations
24 th -26 th December, 2012	Attended International Conference on Big data Analytics.	University of Delhi and University of Aizu
6 th -7 th September, 2012	The Academic Congress. Enabling the Young: Redefining Education- Presented a paper	University of Delhi
27 th Feb, 2012	Workshop on under-graduate teaching in colleges-Participated	University of Delhi
21 st -23 rd Dec, 2010	Workshop on Management of Voluminous Data- Participated	University of Delhi
22 nd -23 rd Dec, 2008	Attended Seminar on Best Teaching Practices.	NIIT Institute of Information Technology
26 th Oct, 2009	I-Care: IBM India Research Lab Collaborative Academia Research Exchange-Participated	IBM IRL India
28 th -30 th Dec, 2004	Workshop on Elements of Statistics in Data Mining-Participated	University of Delhi

Research Projects (Major Grants/Research Collaboration)

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Faculty Details



Awards and Distinctions

Year	Award	Organization
2000	Employee of the Month Award for the month of July	XRT CERG America
1997	Obtained 3 rd position in M.C.A.	University of Delhi
1994-96	University Post-Graduate Scholarship - 2 nd rank in university - B.Sc. (H) Statistics	University of Delhi
1994	<ul style="list-style-type: none"> Smt. Velagalety Suvarchalamba Memorial Medal Students Union Medal for standing 1st in Science Courses Prize for 1st position in B.Sc. (H) Statistics IIIrd yr. 	Sri Venkateswara College, University of Delhi
1993	1 st Prize for standing first in B.Sc. (H) Statistics II nd yr	Sri Venkateswara College
1992	Lord Venkateswara Medal for being the best student of I st yr Science	Sri Venkateswara College

Association with Professional Bodies

Member: ACM

Other Activity

Date	Topic	Organization
15 th -18 th December, 2015	International Conference on Big data Analytics-Reviewer.	University of Delhi, University of Aizu
14 th December 2013-4 th January 2014	Refresher Course in Mathematics/Computers/Operational Research/Statistics	University of Delhi
20 th -23 rd December, 2014	International Conference on Big data Analytics, IIT Delhi- Member of Organizing Committee	University of Delhi, University of Aizu
20 th -23 rd December, 2014	International Conference on Big data Analytics, IIT Delhi- Reviewer.	University of Delhi, University of Aizu
2 nd January-22 nd January, 2013	Refresher Course in Mathematics/Operational Research/ Computer Science	University of Delhi
24 th -26 th December, 2012	International Conference on Big data Analytics- Member of Organizing Committee	University of Delhi and University of Aizu
Jul-Oct, 2012	Online Course on Quantum Computing – Participated	University of California, Berkeley (Coursera)
Oct-Dec, 2011	Online Course on Machine Learning- Participated	Stanford University (Coursera)
7 th -28 th Dec, 2006	Refresher Course in Computer Science- Participated	Jamia Millia Islamia
3 rd Apr-1 st May, 2007	Orientation Program-Participated	Jamia Millia Islamia
20 th Mar- 1 st May, 2000	Course on Object Oriented Analysis and Design-Advanced-Participated	Pennsylvania State University