Dr. Vandana Gupta

Designation	Associate Professor
Department	Computer Science
Address (Official)	Kalindi College, University of Delhi, East Patel nagar, New Delhi-110005.
Email	vandanagupta@kalindi.du.ac.in

Education

Degree	Institution	Year	Details
B.Sc(P)	M.D.U Rohtak	1994	1st division
M.C.A	M.D.U Rohtak	1997	1st division
Ph.D (Computer Applications)	School of information Technology, GGSIP University, Delhi	2006	"Improving the Effectiveness of Softwre Testing"

Career Profile

Organisation/Institution	Designation	Duration	Role
Hindu Girls college, Sonepat (M.D.U Rohtak)	Assistant Professor	1 year	Teaching
Kalindi College (University of Delhi)	Associate Professor	21 years	Teaching

Research Interests/Specialization

Software Testing

Administrative Assignments / Contribution to corporate life

2018-19	Co-convenor Admission Committee
2018	Nodal Officer ARIIA
2015 onwards	Convenor , College Website Committee
Since 2006	Co-ordinator, Cyber Centre
Since 2011	Member , Purchase Committee

2010-11,2012-13,2013-14	Co-Convenor , Alumni Committee
2011	Deputy Suprintendant , Examination
2014-15	Roll of Honor, Annual Day
1998 -2011	Teacher-In-Charge, Department of Computer Science, Kalindi College
2008	Teacher Member, Governing Body , Kalindi College
1998-2011	Co-ordinator, Physcom Society
2015	Member, Core Committee, Admissions

Teaching Experiences (Subject/Courses taught)

Courses Taught
B.Sc. (H) Computer Science, B.Sc. (Physical Sciences), B.Sc. (G) Computer Science, B.A(P) Computer Application, BIS, B.Tech(Comp. Sc.)

Subjects Taught
  Programming Languages – C++, Data Structures, Operating System, and Database Management Systems

Research Guidance

M.Phil , Post Doctorate mentoring

Publication (Peer Reviewed/Indexed Journals)
1. "Test Case Prioritisation based on risk exposure"' Published in Varamihir Journal of Mathematical Sciences, Vol. 3, No 2 (2003)
2. "Performance Testing And Analysis Of Web Applications - Practical Approach" CSI 04 – Proceedings of the 39th Annual Convention of the Computer Society of India, Dec 1 – 4, 2004, Mumbai, India
3. "Complexity of Software Applications and Probability of Failure – Risk Based Testing" Published in Proceedings of TCTE Longowal 2004.
4. "Cost of Failure for Development Organization Using Neurofuzzy Approach" Vikram Mathematical Journal, Vol 24 (2004)
5. "Regression Testing Of An Application In Production"- Varamihir Journal of Mathematical Sciences, Vol. 4, No 2 (2004)
6. "A Fuzzy Approach For Integrated Measure of Object – Oriented Software Testability", Journal Of Computer Science 1 (2): 276-282, 2005
7. "Efforts Required For Performance Engineering of a Web Application", DIAS Technology Review Vol.2 No.1, 25-29, April – September 2005
8. "Criticality of Software Test Data" Tech Genesis Vol 2 No. 2, 2005

9. "Objectively Managing Software Testing Projects Using Software Test Metrics" Journal Of Conceptual Modelling ISSN 153323825, August, 2005
10. "Estimating Test Effort Using Test Case Point Methodology" Journal Of MANIT, Bhopal, India
11. "A fuzzy Approach For Integrated Measure of Object Oriented Software Complexity" DIAS Technology Review
12. "The EAOO-H Design Model for Transformation of WebGRL based Web Applications" By Sangeeta Srivastava, Vandana Gupta and Rohan Rajiv Saxena Volume 6 - Issue 6 (Part - 5) June 2016) issue in International Journal of Engineering Research and Applications (IJERA).
13. Significance of Social Media in Learning and Growth of Youth: A Case Study of a Women Undergraduate College of India, International journal of basic and applied research, September 2018 UGC Approved (UGC list number 64041), P-ISSN 22493352, E-ISSN 22780505 Nidhi Arora, Vandana Gupta, Aarushi, Mink Singh Chauhan, ShivaniYadav, Pallavi Pal, Umang Aggarwa l, Swati Basu

Seminar/Workshop/Conferences Presentation/Organisation

- Training Programme on Windows Programming (12-07-19999 to 14-07-1999)\

- ICT workshop on Capacity Building by ILLL(3-12-2009 to 7-12-2009)

Awards & Distinctions

- Have additionally qualified Haryana State Level Eligibility Test in Computer Science for Lecturership held in October 1997.

- Qualified UGC-NET (1997) in Computer Science.

Minor Projects Undertaken (Funded)

- **2017-18:** "Social Media for Youth: A Boon or a Bane",Funded by Kalindi College (KC/2017/03) - Principal Investigator- Completed.

- **2018-19:** "Analysing Real World Relationships Through Network Analytics, Funded by Kalindi College - Principal Investigator- Completed