RAM LAL ANAND COLLEGE (University of Delhi)
Faculty Details

Title	Dr	First Name	Vandana	Last Name	Gandotra	Photograph
Designation		Associate Professor				
Address		Flat No - 3071, Joy Apartment, Plot-2, Sector-2, Dwarka. New Delhi-75				
Phone No Office		011-24112557				
Residence		011-45500618				
Mobile		9818288842				
Email		vandanagandotra17@gmail.com				
Web-Page						

Educational Qualifications

Degree	Institution	Year
PhD	University of Delhi	2013
MPhil		
MA/MSc	MCA	1996

Career Profile

Teaching Experience of over 26 years in Delhi University

Administrative Assignments

As convenor of IT Infrastructure Committee
As Convenor of SUGAM Committee
As Deputy Superintendent and Coordinator for Conducting Semester Exams in the College
As Convenor of Hasratein Club
As Convenor OF NIRF Committee
As Convenor in College Admissions
As a member of Library Committee
As a member of Discipline Committee
As a member of Student Union Advisory committee

As a member and Convenor of many committees time to time .

Areas of Interest / Specialization

Software Engineering

Subjects Taught
Digital Electronics, Computer System Architecture, Microprocessors, Python, Software Engineering

Research Guidance
NA

Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)

1. Vandana Gandotra, Archana Singhal, Punam Bedi, Layered Security Architecture for Threat Management using Multi-Agent System, ACM SIGSOFT Software Engineering Notes, Volume 36, Number 5, DOI: 10.1145/2020976.2020984, pp.1-11, September 2011.

2. Vandana Gandotra, Archana Singhal and Punam Bedi, MASPTA-O: Multi-Agent System Planning to Avoid Threats Optimally, Information Security Journal: A Global Perspective, Taylor& Francis, Volume 20, Issue 6, pp. 290-310, November 2011.

3. Punam Bedi, Vandana Gandotra, Archana Singhal, Himanshi Narang and Sumit Sharma, Threat-Oriented Security Framework in Proactive Risk Management using MultiAgent System, Journal of Software: Practice and Experience, Wiley Publishers, 2012.

4. Punam Bedi, Vandana Gandotra, Archana Singhal, Himanshi Narang and Sumit Sharma, Optimal Countermeasures Identification Method: A New Approach in Secure Software Engineering, European Journal of Scientific Research, ISSN 1450-216X, Vol.55, No.4 , pp. 527-537, July 2011.

5. Vandana Gandotra, Archana Singhal, and Punam Bedi, Identifying Security Requirements Hybrid Technique, in the Proceedings of the 4th International Conference on Software Engineering Advances (ICSEA),Porto, Portugal, IEEE Computer Society, pp. 407-412, September 2009.

6. Punam Bedi, Vandana Gandotra, Archana Singhal, Vandita Vats and Neha Mishra, Avoiding Threats Using Multi Agent System Planning for Web Based System, in the Proceedings of the 1st International conference on Computational Collective Intelligence – Semantic Web, Social Networks and Multiagent Systems, Wroclaw, Poland, LNAI, Springer-Verlag Berlin Heidelberg, Volume 5796/2009, pp. 709-719,October 2009.

7. Vandana Gandotra, Archana Singhal and Punam Bedi, Threat Mitigation, Monitoring and Management Plan - A New Approach in Risk Management, in the Proceedings of the International Conference on Advances in Recent Technologies in Communication and Computing, India, IEEE Computer Society and ACM Digital Library, pp. 719- 723,October 2009.

8. Vandana Gandotra, Archana Singhal and Punam Bedi, A Step towards Secure Software System Using Fuzzy Logic, in the Proceedings of IEEE 2nd International Conference on Computer Engineering and Technology, Chengdu, China, IEEE Explore, pp. 417-422, April 2010.

9. Vandana Gandotra, Archana Singhal, Punam Bedi, Cross Threats Evaluation and Control in Proactive Risk Management, in the Proceedings of International Conference on Security Science and Technology (ICSST), Published in the Journal Energy Procedia (Elsevier), Volume 13, pp. 4253-4262, January 2011.

10. Vandana Gandotra, Archana Singhal and Punam Bedi, Threat-Oriented Security Framework: A Proactive Approach in Threat Management, in the Proceedings of Second International Conference on Computer, Communication, Control and Information Technology, 25-26 February, 2012, West Bengal, India, Accepted and Presented for Publication in the Journal Energy Procedia, Elsevier, February 2012.

11. Punam Bedi, Vandana Gandotra, Archana Singhal, Innovative Strategies for Secure Software Development, Chapter in upcoming Book "Designing, Engineering and Analyzing Reliable and Efficient Software", IGI Global Press.

12. Punam Bedi, Vandana Gandotra, Archana Singhal, Himanshi Narang and Sumit Sharma, MMT-O: Mitigating Multi-Threats Optimally in Proactive Threat Management, Communicated to Journal of Software: Practice and Experience, Wiley Publishers, 2012.

Conference Organization/ Presentations (in the last three years)
NA

Research Projects (Major Grants/Research Collaboration)
Major Project Title: Virtual Screening of Inhibitors Against Hepatitis C Virus Grant: Rs. 6 lakhs Funding Agency: University of Delhi

Awards and Distinctions
NA

Association With Professional Bodies
Former Member of ACM

Other Activities
1. As a member of Selection Committee for the appointment of teachers in Delhi University 2. As an expert for UFM cases of Delhi University 3. As a member of Committees for designing syllabus and guidelines for computer science students of Delhi University under semester and FYUP system and NEP. 4. Member of courses of committee at the departmental at the departmental level of Delhi university.