




**DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019**

Faculty Details Proforma for College Website

Title	Dr.	First Name	Monika	Last Name	Bajaj	
Designation		Assistant Professor				
Address		House no. 26 B, Madhuban Enclave, Madipur, New Delhi – 110063				
Phone No Office						
Residence Mobile		9818925977				
Email Web-Page		mbajaj48@gmail.com				
Educational Qualifications						
Degree		Institution			Year	
Ph.D.		University of Delhi			2015	
M.Phil.		Madurai Kamaraj University			2007	
PG		MCA, IGNOU			2004	
UG		Satyawati College, University of Delhi			1997	
Any other qualification						
Career Profile						
Assistant Professor in University of Delhi since 2006.						
Administrative Assignments						
Areas of Interest / Specialization						
Evolutionary Algorithms, Social Media Mining, Social Networks, Data Mining						
Subjects Taught:						
Research Guidance:						

List against each head(If applicable)

1. *Supervision of awarded Doctoral Thesis*
2. *Supervision of Doctoral Thesis, under progress*
3. *Supervision of awarded M.Phil dissertations*
4. *Supervision of M.Phil dissertations, under progress*

Publications Profile

1. *Books/Monographs (Authored/Edited):*

2. *Research papers published in Refereed/Peer Reviewed Journals*

- Banati, H. and Bajaj, M. (2007), "A Strategic Approach to Evaluate Web Usability", 2nd, PIMG National Conference on Mastering Change for Organizational Excellence, Prestige Institute of Management, Gwalior.
- Banati, H. and Bajaj, M. (2007), "User Oriented Approach to Web Design", National Conference on emerging Trends in Software engineering and Information Technology, Gwalior.
- Banati, H. and Bajaj, M. (2008), "Success: A Methodology to Design Effective e-commerce Web Sites", 3rd, PIMG National Conference on Key Drivers of Organizational Excellence, Prestige Institute of Management, Gwalior.
- Banati, H. and Bajaj, M. (2009), "Feature Based Implicit User Modeling", 4th Indian International Conference on Artificial Intelligence (IICAI-09), December 16-18, 2009, India, pp. 1077-1084, DBLP.
- Banati, H. and Bajaj, M. (2011), "Fire Fly Based Feature Selection Approach", International Journal of Computer Science Issues (IJCSI), Vol. 8, Issue 4, No 2, pp. 473-480, Indexed in DBLP.
- Banati, H. and Bajaj, M. (2011), "Dynamic User Profile Generation By Mining User Opinion", 3rd International Conference on Computer Engineering and Technology (ICCET-11), June 17-19, 2011, Malaysia, pp. 540-545, ASME Digital Library.
- Banati, H. and Bajaj, M. (2012), "Promoting Products Online Using Firefly Algorithm", 12th International Conference on Intelligent System Design and Applications (ISDA), November 27-29 2012, India, pp. 580-585, IEEE.
- Banati, H. and Bajaj, M. (2013), 'Performance analysis of firefly algorithm for data clustering', International Journal of Swarm Intelligence, Vol. 1, No. 1, pp. 19-35. Inder Science.
- Banati, H. and Bajaj, M. (2013), "An Evolutionary Approach for k-Max-Influence Problem", International Journal of Network and Innovative Computing, Issue 1, Vol.1, pp. 163-172.
- Banati, H., Mehta M., and Bajaj, M. (2013), "Social Behaviour based Metrics to enhance Collaborative Filtering", International Journal of Computer Information Systems and Industrial Management Applications, Issue. 1 Vol. 4, pp 217-226.
- Bajaj, M., Mehta M., and Banati, H. (2015), "A soft computing approach for Targeted Product Promotion on Social Networks", Hybrid Soft Computing Approaches: Research and Applications. Springer.
- Mehta M., Bajaj, M., and Banati, H. (2015), "Hybrid Intelligent Approach for Simulating Chemical Experiments Online", Advanced Research on hybrid Intelligent Techniques. IGI global.

3. *Other publications (Edited works, Book reviews, Festschrift volumes, etc.)*

Conference Organization/ Presentations :

List against each head(If applicable)

1. *Organization of a Conference: None*
2. *Participation as Paper/Poster Presenter*

Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
Association With Professional Bodies
<ul style="list-style-type: none"> • <i>Editing</i> • <i>Reviewing</i> • <i>Advisory</i> • <i>Committees and Boards</i> • <i>Memberships</i> • <i>Office Bearer</i>
Other Activities

Signature of Faculty Member

- You are also requested to give your complete resume as a DOC or PDF file to be attached as a link on your department page.