




Shivaji College Faculty Details Proforma

Title	First Name	Last Name	Photograph
Ms.	Abha	Vasal	
Designation	Assistant Professor		
Address	Deptt. Of Computer Science, Shivaji College		
Office Phone No.			
Residence			
Mobile			
Email	asv1948@yahoo.com		
Web-Page			
Educational Qualifications			
Degree	University/Institute	Year	
Ph.D.			
M.Phil./M.Tech.	Madurai Kamaraj University	2008	
PG	Kurukshetra University	2002	
UG	Delhi university	1999	
Any Other Qualification			
Career Profile			
I have been working as Assistant Professor in University of Delhi since 2002.			
Administrative Assignments			
1. Worked actively in Staff council constituted committees like Women's Development Cell, Cultural committee, Magazine Committee, Website committee 2. Contributed in organising Departmental activities like talks, Festival ,workshop 3. Worked in College NAAC committee 4. Worked as resource person for Inspire science camp			
Areas of Interest/Specialisation			
Programming, Database Management System			

Subjects Taught

Introduction to Programming, Introduction to Database Systems, Artificial Intelligence, Programming Paradigms

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Innovation Projects undertaken

- 1) Real Time Traffic Solution (SHC 206) funded by University of Delhi
- 2) Real time Android Application for Travel Convenience (SHC-309), funded by University of Delhi.

Publications Profile (Research Papers/Books)

- 1) Bhatia M.P.S, Vasal A., Localisation and Requirements Engineering In Indian Scenario, 15th IEEE Requirements Engineering conference, 393-394, 2007
- 2) Vasal A, Kalra S., Social Media Research: Collaborate and Innovate, International Conference on Excellence in Management Practices (ICEMP) 2011, 23-24
- 3) Vasal A. Kumar A., *Issues, Challenges in Handling Localisation in E-Governance: A Review*, International Workshop Cum Seminar on "Role of Science And Technology For Sustainable Development With Focus on Make In India, Volume-4, ISBN No. 978-81-931794-8-2. Published under Indo Norwegian collaboration project, IGNTU Central university Amarkantak (M.P.) and University of Agder Norway, 2016
- 4) Coauthored paper titled 'Usher: Android Application for Travel Convenience in Delhi NCR', Proceedings of the 11th INDIACOM; INDIACOM-2017; IEEE Conference ID: 40353, 4th International Conference on "Computing for Sustainable Global Development", 01st - 03rd March, 2017 Bharati Vidyapeeth's Institute of Computer Applications and Management, 4574-4578, ISSN 0973-7529; ISBN 978-93-80544-24-3, 2017

Chapters in Books

1. Contributed chapter titled "I FIGHT: Building homes away from home", Page No.s: 46-55 in book-Anujivami-"I Survive", published by Pinnacle Learning, New Delhi, India. ISBN: 978-93-83848-02-7, under the aegis of Women's Development Cell, Shivaji College.
2. **Senior editor** of book Udayan: A New Beginning.
3. Saxena P., Vasal A., (2017) 'Meri Udaan: The Force Behind my Wings', *Udayan : A New Beginning* and 'Nayi Disha : A New Direction' published by Women's Development Cell, Shivaji College, ISBN 978-81-86845-22-4.
4. Vasal A., Saxena P., (2017) 'Nayi Disha : A New Direction', *Udayan : A New Beginning* published by Women's Development Cell, Shivaji College, ISBN 978-81-86845-22-4.
5. Arora R, Vasal A., (2018), Breaking the Stereotypes, *The Change Makers*, ISBN 978-93-83848-43-0, Delhi, Pinnacle Learning.
6. Vasal A., Arora R., (2018), Recasting Nancy Drew, *The Change Makers*, ISBN 978-93-83848-43-0, Delhi, Pinnacle Learning.

Conference/Seminar/Faculty Development Programme/Workshop

1. Attended Third Lecture Workshop on “Women in Science”, organized by Science Foundation, DeenDayal Upadhyaya College on 6 th September 2017.
2. Participated 2nd International Workshop on BIG DATA ANALYTICS, March 17-18 2017, organized by School of Computer and Systems Sciences, JNU.
3. Presented paper at 11thINDIACom 2017, 4th International Conference on “Computing for Sustainable Global Development”, March 1-3, 2017 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi.
4. Attended National Seminar on New Frontiers in Computer Science Research, September 28, 2013, organized by Maharaja SurajmalInstitute affiliated to GGS Indraprastha University.
5. Presented poster for innovation projectSHC-309, at Research Display at Convocation Ceremony, University of Delhi on November 19, 2016.
6. Presented Research Display at 94th Foundation Day of University of Delhi, May 1, 2016.
7. Participated in First WDC International Conference on Empowerment of Women in Developing World organized by WDC Shivaji College, April 1-2, 2013.

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions

1. Received Teachers Excellence Award for Innovation from University of Delhi on 1st May 2015.
2. Worked as co investigator with principal investigator Dr. Surbhi Madan and Mr Pankaj Das, of University of Delhi Innovation Project **Real Time Traffic Solution** (SHC 206). The project received award for Best Display and Best Innovative idea at Antardhvani 2015.
3. Received certificate of Appreciation for Presentation of Research Display of innovation Project Real Time Android Application for Travel Convenience at 94th Foundation Day, University of Delhi, May 1, 2016 and Convocation Ceremony held on November 19, 2016.

Memberships

Other Academic Activities

Cultural/ Extracurricular Activities

Organised Technical events like Play with SQL, Codecracker -online coding event on Codechef platform, Dark Coding during Departmental Festival.
Organised two day inter college True Hackingworkshop in 2014.
Have contributed exercises for Inspire science camp and worked as a resourceperson.
Worked as Project investigator for two innovation projects
Worked actively in the Cultural Committee -organisingFest , Society events and SpicMacay. Worked with Student committee handling their requirements. Worked in WDC -organising sensitization programmes, talks, panel discussion, International Conference GenderFair. Contributed as Senior Editor in WDC Publication 2017.
Also contributed chapters in WDC publications 2014, 2017 and 2018.
Worked in Annual Day and AlumniCommittees

Signature of Faculty Member