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Personal Details:-

Name	Joglekar	Swati	C
	<i>SURNAME</i>	<i>FIRST NAME</i>	<i>MIDDLE NAME</i>
Department	Computer Science		
Designation	Associate professor in Mathematics, Computer Science		
Qualification(s)	M Sc., (Mathematics) Pune University, 1988 M Phil. Pune University, 1991		
Certification(s)/Professional Courses/Exams			
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Member Of:-

College Committees	Other Committees
Rector, Ladies Hostel, Fergusson College, Pune.	Chairman, M.Sc.(tech) Mathematics Examination committee
Professor In charge, Bai Jerbai Wadia Library, Fergusson College, Pune.	
Associate professor in Mathematics, Computer Science Unit, Fergusson College, Pune	

Chairperson, DES English Medium School,Pune.	
Chairman, Pune board of Life members , Deccan Education Society, Pune.	

Seminars and Workshops Attended:-

Workshop on Cryptography, Pune University 1988
Winter School in Mathematics, Bhaskaracharya Pratishthan, Pune, 1988
Orientation course in Mathematics, Pune 1990
Refresher course in Mathematics, Pune University, 1993, Course Title: „Algebra“.
Refresher course in Mathematics, Pune University, 1994, Course Title: „Algebra“.
60 th Annual conference of the Indian Mathematical Society, Pune University, December 1994
Varahamihir National Seminar (Paper presented :- Cryptosystem based on Hilberts 10 th problem) held at Ujjain, February 1995
One-day workshop on computers“ organised by Department of Mathematics, University of Pune, March 1999
Refresher course in Mathematics, Pune University, 1999 Course Title: „Applied Linear Algebra“
Participated as resource person for a workshop titled „Information Technology in 21 st century“ organized by Anantrao Thopte college, Bhor as a part of Indian Science Congress. January 2000.
Refresher course in Mathematics, Pune University, 2001 Course Title: „Computers in Mathematics“.
Attended 16 th annual conference of Ramanujan Mathematical Society 2001, Pune.
Attended the workshop on revision of syllabi in Mathematics at the first year of B.Sc. & B.C.S. level, February 2002.
Special exclusive invitee for PC Quest Summit developers meeting by Sun Microsystems,2006
Participated in international conference in „Software Engineering and Formal Methods“,September 2006.
Resource person in Syallabus restructuring for F.Y.B.Sc. (Mathematics ,Computer Science) 2007
Participated in workshop on „Cryptography and Network Security“by IBM and CSI, 2008.
Delivered Lecture on “Security” in Sinhgad institute of Computer Management, October 2010.
Conducted an open technical interview of Dr. Sanghmitra Bandopadhyay, recipient of Shantiswaroop Bhatnagar award in Computer Engineering Sciences, February 2011.
Worked as Judge for project exhibition arranged by Persistent Systems Pvt Ltd.,April 2011.

Attended the advance training in Mathematics Workshop on “Combinatorics and Graph Theory” at department of Mathematics ,University of Pune,December 2011.
Attended the conference on “National Initiative in Mathematics Education “ at IISER,December 2011
Participated in the workshop in „Fuzzy Logic and Related Topics“ under Quality Improvement Programme, University of Pune, Department of Mathematics and Computer Science,Modern College, Pune,March 2012
Worked as a resource person in three days workshop on “Soft Computing” for faculty members in Department of computer Science,Fergusson College,Pune,November 2012.
Worked as a resource person for one day workshop for teachers of first year B.Sc. animation Course,Fergusson College,February 2013
Worked as a resource person for one day workshop on „Revision of the syllabus for M.Sc/M.Tech(Mathematics) at New Arts,Commerse and Science College,Ahemednagar,March 2013
Attended National Conference on “Discrete Mathematics,Algebra and Analysis” organised by department of mathematics,University of Pune,April 2013.

Other Accomplishments:-

<p>Memberships :</p> <p>MEMBERSHIPS:</p> <ol style="list-style-type: none"> 1. Indian Academy of Industrial and Applied Mathematics (IAIAM) 2. Indian Society of Information Theory and Applications (ISITA) 3. Life Member , Deccan Education Society (DES) 4. Indian Science Congress (ISC) 5. Honorary member „Pune Girls Sports Association“,2006-2007. 6. Computer Society of India.(CSI) 7. IEEE Computer Society 8. Society for Industrial Mathematics. (SIAM) <p>ORGANIZATIONAL ROLE ::</p> <ol style="list-style-type: none"> 1. Member, organising committee, NAAC sponsored two day state level conference on “Autonomy to colleges and Role of IQAC” organised by Fergusson College,Pune. 2. Chief Organiser , Mathematics Exhibition “ Mathematics That you can Touch” organised by Fergusson College and Goethe Institute Max Mueller Bhavan,Pune. July 2013 3. Actively participated in organising „Technology Vision 2035 Exercise – Brain Storming Session/ student Interaction at Fergusson College,January 2012. 4. Organised a day programme of Felicitation of Dr. Mitali Mukerji, recipient of Shantiswaroop Bhatnagar award in Biological Sciences in Fergusson college in Collaboration with „Shakti”, March 2011. 5. Organised two day workshop for Science and Mathematics School teachers, July 2010.

6. Conducted and coordinated paper reading session in „WE MEET“, National conference on Women in Technology, September 2010.
7. Convenor, State Level Seminar on „National Ethos of Higher Education, Retrospect and Prospect“ organized by Deccan Education Society.
8. Chief Coordinator , Calyx – 2004, 2005,2006,2007 a technical festival, organized by Computer Science Department, Fergusson College.
9. Organised lecture series on „Computer Graphics“2006.
10. Co-ordinator,“MATLAB and Simulink awareness program“,January 2006.
11. Co-ordinator,Computer Literacy Programme for the employees of Deccan Education society,2005.
12. Organized workshop on syllabus discussion and teaching methodology of second year (third and fourth semester) of M.Sc.(tech) Industrial Mathematics with Computer Applications , March 2004
13. Co-ordinated and organized Deccan Education Society’s participation in the Education Fair2004, January 2004
14. Organized workshop on implementation of second semester of M.Sc.(tech) Industrial Mathematics with Computer Applications , January 2004
15. Core Member,Organising team for UGC golden jubilee conference on “Revamping of science education “ December 2003
16. Incharge ,Reception committee NAAC peer team visit. September 2003
17. Organized workshop on restructuring and implementation of S.Y.B.Sc.(C.S.) in Mathematics , August 2003

Dissertation

Some cryptosystems based on computationally hard problems(for M Phil degree programme)