Faculty Profile

Name	**Prof. Sarang Joshi**
Designation	**Professor**
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Web of Science ResearcherID ACE-9841-2022
Blog: https://sarangjoshi2002.blogspot.com/

Educational Qualifications

Degree	University/Institution	Year of Passing
Ph.D.	Bharati Vidyapeeth University (BVP COE)	2009
M.E. (Computer)	Savitribai Phule Pune University (GCOEP, Pune)	1999
M.S.(Computer)	BITS, Pilani (BITS, COE)	1991
B.E. (Computer)	Savitribai Phule Pune University (PICT COE)	1989

Professional Experience

Sr. No.	Designation & Institute	Duration
1	Professor, PICT Pune (Approved)	2009 - Present
2	Assistant Professor, PICT, Pune (Approved)	2000 - 2009
3	Lecturer, PICT Pune(Approved from the Date of Appointment)	1989 - 2000

Funded Projects and Consultancy:

Sr. No.	Description	Duration, and Amount
1.	DRDO Funded Project : Out of Pattern Feature Detection in UAV Video	2012-15, INR 9.35 Lacs
2.	Industry Consultancy	2021-23, 200000/-

Intellectual Property Rights

Sr. No.		Duration
1.	**Copyrights Embedded Media Data Analytics for Safety**	**Status : Granted** **Reg. No.L130678/2023**
2.	**IPR: A Method for denail of Distributed Denial of Service (DdoS) on An IoT Device Using Transitive Processing of Communication Graph**	**Status : Published** **Application No.202121035213 A** **2021**
3	**IPR: An Emulator System with Data Sample Acquisition, Storage and Computer Controlled Interface System and Process Thereof**	**Status: Published, Examination** **Application No. 195/MUM/2010** **2010**

Invited Expert Talks and Faculty Development Programs

Sr. No.	Description	Duration
1.	**AICTE Atal FDP, VIT: "Gamification in Education using Design Thinking"**	**JAN, 2021**
2.	**AICTE-ISTE FDP on Industry 4.0** **1.Role of AI-ML in Industry 4.0** **2. Smart Industry: Inception, Conception and Perception**	**FEB: 2022**
3.	**Multiple FDP conducted During BoS Computer Engineering SPPU**	**2010-2015**

Research Publications (Total Publications 29):

Sr. No.	Title	Publication/Conference
1	**Gesture Prioritization Method for Physically Challenged Person**	**International Conf. On Recent Advances in Engineering, Technology, Science, 2025**
2	**Semantic Similarity Detection and Analysis For Text Documents**	**2nd IEEE Int Conf. ICETITE2024, 979-8-3503-2820-2, 2024**
3.	**Integration of Logical Features With Neural Networks for Controlled VS Uncontrolled Fire Classification: A Comparative Study**	**Int. J INDJCSE** **DOI : 10.21817/indjcse/2023/v14 i4/231404048**
4.	**Web of Science indexed** **Reviews** **Journals Publications**	**4** **3**

Academic Research Guide: Ph.D. Guided 03, Ph.D. Awarded: 03

Books Published

Sr. No.	Title	Publisher & Year
1	**Big Data Analytics**	**PHI, 2016**
2	**Design and Analysis of Algorithms: A Problem Solving Approach**	**Cambridge University Press, India, 2016-17**

Conferences / Seminars Attended (Multiple Conferences and FDP attended)

Sr. No.	Conference/Seminar	Year
1	**Int. Conference on Recent Advances in Engineering, Technology and Sciences**	**2025 (Online)**
2	**ACM Workshop on Computing Curricula**	**2015**
3.	**c_PGCON Organized as a Chairman BoS)**	**2011, 2012, 2013**
4.	**Emerging Trends in Information Communication Technology**	**2008**

5.	National Conf. On Information Management in e-Libraries	IITK, Feb. 2002

Certification:

Sr. No.	Description	Year
1.	IBM- Coursera: Advanced Machine Learning and Signal Processing	2020-21

Awards & Recognition

Sr. No.	Award/Recognition	Year
1	Faculty Appreciation, PICT Pune	2017
2	Best Paper Award at IJCS	2008
3.	Faculty Appreciation, PICT, Pune	2008
4.	Faculty Appreciation, PICT, Pune	1995
5.	Faculty Appreciation, BATU,	1995

Areas of Interest

Sr. No.	Area
1	AI for Threats and Safety Analysis
2	Machine Learning

Co- Curricular/Extra- Curricular and Other Activities:

Sr. No.	Description
1	Chairman Board of Studies Computer Engineering, MCA, SPPU (2010-2015)
2	Member Academic Council, SPPU(2010-2015)
3.	Member BoS North Maharashtra University 2010
4.	Paper/ Grant/ Funding Proposal Reviewer at 1. IEEE Trans. Multimedia 2004 2. ACM TALIP, 2021-2025 3. Funded Proposals SPPU BCUD 4. Funded Proposals:Reviewer SERB Proposals (2022_2024)
5.	IEEE Jury for Best Paper Award

6.	**Member Jury for Semicolons Persistent Systems Hackathon, Pune 2015**
7.	**Participated in Election Duties**