

Faculty Profile

- **Faculty Name** : SurajShivajiRedekar
- **Designation** : Assistant Professor
- **Department** : Computer Science & Engineering
- **Mobile No.** : 09960251279
- **Email Id.** : ssr@amgoi.edu.in

• Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Computer Science & Engineering	Shivaji University, Kolhapur	First
2	M. Tech. - Computer Science & Engineering	Punjab Technical University, Punjab	First

• Professional experience:-

Total experience in years:-12

Teaching: - 12

Industrial: -00

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	17 Feb 2021 to Till Date
2	D. Y. Pratishthan's College of Engineering, Salokhenagar	H.O.D& Assistant Professor	1 July. 2019 to 31August 2020
3	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1 August 2010 to 29 June 2019
4	D.Y. Patil Polytechnic, KasabaBawada, Kolhapur	Lecturer	1 August 2009 to 30 July 2010

➤ Subject Taught:-

Undergraduate Subjects			
1	Data Structures	2	Software Engineering
3	Discrete Mathematical Structures	4	Automata Theory
5	Computer Algorithms	6	Advanced Computer Architecture
7	Compiler Construction	8	Project Management
Postgraduate Subjects			
1	Design & Analysis of Algorithms	2	Software Architecture

- **Project Work at U.G.:-** WEB MINING – RSS FEEDS SIMULATOR.
- **Project Work at P.G.:-** REVERSIBLE DATA HIDING IN ENCRYPTED IMAGE.
- **Research Area of Interest:-** Algorithms, Compilers

- **Book Published :-**
- **Total 21 books published including second & third editions.**
- **Published by : Techmax Publication / TechKnowledge Publication, Pune**

Sr. No	Name of the book	University
1	Computer Algorithms	Shivaji University, Kolhapur.
2	Compiler Construction	Shivaji University, Kolhapur
3	Design & Analysis of Algorithms	Pune University
4	Compiler Design	Pune University
5	Design & Analysis of Algorithms	Rajiv Gandhi Technological University
6	Compiler Design	Rajiv Gandhi Technological University
7	Design & Analysis of Algorithms	Uttar Pradesh Technological University
8	Design & Analysis of Algorithms	GautamBudhaTechnological University
9	Compiler Design	GautamBudhaTechnological University
10	Design & Analysis of Algorithms	Punjab Technical University
11	Design & Analysis of Algorithms	Gujrat Technological University

- **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Analysis of Voters using Data Mining	International Journal of Advanced Engineering & Technological Research	IJ	Nov – Dec 2012	Volume 1 Issue 4
2	Embedding of Data in the Image in Reversible Manner		IJ		Volume 1 Issue 4
3	Document Clustering On Large-Scale Data Using Ultra Scalable Spectral Clustering And Ensemble Clustering	International Journal of Innovative Research in Technology (IJIRT)	IJ	AUG 2021	Volume 8 Issue 3
4	An Attribute-Based Encryption Scheme in Cloud Computing	International Journal of Innovative Research in Technology (IJIRT)	IJ	AUG 2021	Volume 8 Issue 3
5	Deep Learning based intrusion detection systems for vehicular Ad-hoc network	International Research Journal of Engineering and Technology (IRJET)	IJ	AUG 2021	Volume 8 Issue 8
6	Fuzzy based Flood Warning Expert System using IoT and LORA Technology	International Research Journal of Engineering and Technology (IRJET)	IJ	AUG 2021	Volume 8 Issue 8

* NJ- National Journal IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 16
- **No. of Project Guided at P.G. Level:-** 04

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Overview of NAAC Process	DYP, Salokhenagar	10 th Aug. 2020
2	One week online workshop on Project Management	Coursera	July 2020
3	One week online workshop on Machine Learning using Python	Skyfi Labs	June 2020
4	Awareness about NAAC Process	DYP, Salokhenagar	5 th Dec. 2019
5	Techzooka	Infosys and Nasscom, Pune	28 th , 29 th Nov. 2019
6	Fuzzy Systems & application in CSE	DYP, Salokhenagar	15 th Sept. 2019
7	BE CSE Syllabus Revision	T.K.I.E.T., Warananagar	10 th Sept. 2019
8	MATLAB Programming	AMGOI, Vathar	September 2018
9	ISTE approved STTP on Information Security	ADCET, Ashta	11 th to 15 th Dec. 2017
10	Neural Network, Fuzzy Logic & Genetic Algorithm	AMGOI, Vathar	23 rd Sept 2017
11	Research Methodology	AMGOI, Vathar	13 th 15 th June 2017
12	Examination Reforms in Higher Education	Shivaji University	16 th , 17 th Feb 2017
13	Accreditation By NBA- June 2015 Format	AMGOI, Vathar	8 th Nov. 2015
14	Overall Personality Development	AMGOI, Vathar	18 th Feb 2015
15	Computer Networks	AMGOI, Vathar	11 th Oct. 2014
16	SE CSE Syllabus Revision	DYP, KasbaBawda	30 th Jan. 2014
17	43rd ISTE Annual Convention Empowering Technical Education to address sustainability & global Competitiveness	AMGOI, Vathar	19 th – 21 st Dec. 2013
18	Introduction to Robotics	DKTE, Ichalkaranji	8 th – 9 th Oct. 2013
19	Essential of usual modelling and Rational Software Architect	AMGOI, Vathar	21 st to 24 th January 2013
20	Latex	AMGOI, Vathar	14 th July 2012
21	Modern Practices of Teaching – Learning Process & Pedagogy	AMGOI, Vathar	7 th January 2012
22	Campus Connect Program	DYP, KasbaBawda	5 th April 2011
23	Research Avenues in CS & IT	DYP, KasbaBawda	26 th , 27 th Feb. 2011

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Two week add on course on C programming	AMGOI, Vathar	23 rd Aug 2021
2	Webinar on Campus Placement Preparation	AMGOI, Vathar	29 th May 2021
3	Overview of NAAC Process	DYP, Salokhenagar	10 th Aug. 2020
4	Awareness about NAAC Process	DYP, Salokhenagar	5 th Dec. 2019
5	One day workshop on Introduction to Microprocessor	DYP, Salokhenagar	17th October 2019
6	Importance of Internship & Sponsored Project	DYP, Salokhenagar	3 rd Oct. 2019
7	National Level Technical Event TECHNOPHILIA	AMGOI, Vathar	2017 Onwards

8	National Level Technical Event REFLEX	AMGOI, Vathar	2014 Onwards
9	2 Days workshop Basics of Computer network	AMGOI, Vathar	Sept. 2012

➤ **Special Achievements:-**

- Secured **Best Outstanding Teacher** award for the year 2019 -20of DYPCOE, Salokhenagar Campus.
- Appreciated & Felicitated by Dr. V. C. Gaikar (Vice Chancellor, DBATU) for writing Technical books in Computer Science on 30th March 2017.

➤ **Central Responsibilities:-** Website Administrator, Feedback Coordinator

➤ **Departmental Responsibilities:-**NBA, NAAC, IQAC Coordinator

➤ **Other Experience/Responsibilities If Any :-**

➤ **Social Contribution If Any:-** Notebook Donation, Tree Plantation, Blood Donation

1. **Professional Membership If Any:-**Life member of ISTE (LM 87033)