

Faculty Profile

- **Faculty Name** : **Bhosale Sarvajeet Amarjeet**
- **Designation** : **Assistant Professor**
- **Department** : **Electronics and Telecommunication Engineering**
- **Mobile No.** : **07755900244**
- **Email Id.** : **sab@amgoi.edu.in**

● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Electronics	Shivaji University, Kolhapur	First Class with Distinction
2	M.E. – E&TC	Shivaji University, Kolhapur	First Class with Distinction
3	Ph.D - Electronics	Shivaji University, Kolhapur	Pursuing

● Professional experience:-

Total experience in years:-18

Teaching: - 7 yrs

Industrial: -00

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	08-01-2016 to Till Date
2	Dhananjay Mahadik Group of Institution, Vikaswadi, Kagal	Assistant Professor	1.5 yrs
3	Bharati Vidyapeeth's College of Engineering, Kolhapur	Assistant Professor	19-07-2013 to 28-05-2014

➤ Subject Taught:-

Undergraduate Subjects			
1	Embedded System	2	Digital Image Processing
3	Satellite Communication	4	Mechatronics
5	Control System Engineering	6	Microprocessors and Microcontrollers
7	Computer Programming	8	C++ Programming
9	Python Programming	10	Data Structures

- **Project Work at U.G.:-** Real Time device control for Machine Shop Automation
- **Project Work at P.G.:-** Image Stitching by Extracted frames from video
- **Research Area of Interest:-** Image Processing

➤ **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	A Spread-Spectrum Audio Watermarking Scheme Based on Geometric Invariant Features	International Conference on Computing Methodology and Communication (IEEE)	IC	2018
2	A Reversible Data Hiding For Security Application	International Conference on Recent innovations in Engineering and Management	IC	23 rd March, 2016
3	“Image stitching by extracted frames from video using SIFT”	National Conference on Emerging Trends in Engineering and Technology, 2013	NC	3 rd October, 2013
	“Two Layer Sparse Coding”	National Conference on Emerging Trends in Engineering and Technology, BVCOEK,2012	NC	15 th February, 2012

*NC- National Conference

IC- International Conference

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	A Fuzzy Gain Scheduling Method for Tolerant Control	International Journal of Pure and Applied Mathematics	IJ	2018	1314-3395
2	Design Direct Current Converter based on FLYback Topology	International Journal of Pure and Applied Mathematics	IJ	2018	1314-3395
3	Reversible data hiding for security application	International Journal of Electrical and electronics Engineering	IJ	June-2016	ISSN 2321-2055
4	Image stitching by extracted key frames using absolute difference method	International Journal of Advanced Research in Computer and Communication Engineering	IJ	Oct-2014	ISSN (Online) : 2278-102
5	Image stitching from video frames using corner detection and SIFT algorithm	International Journal of Advanced Technology in Engineering and Science	IJ	Oct-2014	ISSN 2348-7550

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 08

➤ **No. of Project Guided at P.G. Level:-** 00

➤ **No. of Certified Courses completed:-** 01

➤ **Expert Lectures Delivered as a Resource Person:-**

Sl.	Name of STTP/FDP/workshop/Conference	Institute	Date
1	One day workshop on "Matlab GUI"	AMGOI	
2	One day workshop on "Matlab GUI"	AMGOI	12/09/2018
	PCB Designing using ORCAD and Proteus	AMGOI	23 rd February, 2017
3	FDP	AMGOI	19 th June, 2018
4	TCS training program	AMGOI	28 th August, 2019
5	Two days workshop on Arduino	AMGOI	Oct 2019
6	Gate Lecture Series	AMGOI	8 th and 9 th January, 2020

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

Sl.	Name of STTP/FDP/workshop	Institute	Date
1	Mathematical Modelling and Numerical Techniques	Ashokrao Mane Group of Institutions, Vathar	9 th to 13 th December, 2019
2	Short term training program on Electric Vehicles	KLE, Belgavi	1 st to 6 th January 2019
3	Optimization Techniques for Engineering Application	Ashokrao Mane Group of Institutions, Vathar	24 th & 25 th November, 2017
4	Induction Program	Ashokrao Mane Group of Institutions, Vathar	3 rd to 9 th November, 2016
5	Embedded System Design and Implementation using ARDUINO	Ashokrao Mane Group of Institutions, Vathar	2nd Jan to 5th January, 2016
6	Matlab and hardware interfaces	-	25th July, 2014
7	"Recent trends in Communication Engineering and Methodology	Bharati Vidyapeeth's College of Engineering	15th to 19th January, 2014
8	Two days workshop on "MSP430-16 bit microcontroller"	Bharati Vidyapeeth's College of Engineering	29th and 30th August, 2013
	ISTE approved Short Term Training Program on "SOFTWARES USED FOR RESERCH"	Bharati Vidyapeeth's College of Engineering	11th to 15th January, 2013

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Advanced Trends in Embedded System	Dhananjay Mahadik Group of Institution	January, 2015
2	Guest Lecture on Disaster Management	AMGOI	9 th July, 2016
3	Project Selection and defining a Problem Statement	AMGOI	13th July, 2016
4	Guru Purnima	AMGOI	17th July, 2016
5	Opportunities in IT infrastructure	AMGOI	27th August,

			2016
6	Teachers' Day	AMGOI	7 th September, 2016
7	Fresher's Welcome and ETSA Inaugural Function	AMGOI	23 rd September, 2016
8	PCB Designing using ORCAD and Proteus	AMGOI	23 rd February, 2017
9	e-Vision 2K17	AMGOI	10 th March, 2017
10	Workshop on GUI and Its Applications in MATLAB	AMGOI	11 th October, 2017
11	Awareness about German Language	AMGOI	14th October, 2017
12	"Social Activity" Books and Food Commodities distribution at AVANI Sansthan	AMGOI	17th January, 2018
13	e-Vision 2K18	AMGOI	12th March, 2018
14	Career Opportunities and resources in Electronics Field	AMGOI	26th July, 2018
15	Introduction to Electronics Tools and Simulation Software	AMGOI	20th July, 2019
16	PCB Design using Proteus	AMGOI	27th July, 2019
17	Two Days Training Session on Basics of MATLAB	AMGOI	15th January, 2020
18	Industrial visit of Final Year E&TC Students is arranged at Sahyadri Sahakari Sugar Factory ltd	AMGOI	24th January, 2020.
19	Raigad Trek of final year E&TC Students	AMGOI	25th January, 2020
20	Lohgad Trek of Third Year E&TC Students	AMGOI	14th February, 2020
21	Industrial Visit of Third Year E&TC Students	AMGOI	15th February, 2020
22	e-Vision 2020	AMGOI	7th March, 2020
Different non technical programs were organised under ETSA.			

- **Book Published:-** 00
- **Departmental Responsibilities:-**ETSA Coordinator, Training and Placement Coordinator & Alumni Coordinator
- **Other Experience/Responsibilities If Any :-** Cultural Function Coordinator, Athletics
- **Social Contribution If Any:-** Donated Blood
- **Professional Affiliation:-** --

➤ **Professional Membership If Any:- --**