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

Qualified GATE2023

• **Professional experience**:-

Total experience in years:-10

Teaching: - 10 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
11	Antennas and Wave Propagation	12	Introduction to Internet of Things
13	Fiber Optic Communication	14	Entrepreneur Development

➢ **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 Review on Speech based approach in Emotion Recognition	International conference on 6G and Wireless Network Technology	**IC**	3rd April, 2023
2	A Spread-Spectrum Audio Watermarking Scheme Based on Geometric Invariant Features	International Conference on Computing Methodology and Communication (IEEE)	**IC**	2018
3	A Reversible Data Hiding For Security Application	International Conference on Recent innovations in Engineering and Management	IC	23rd March, 2016
4	"Image stitching by extracted frames from video using SIFT"	National Conference on Emerging Trends in Engineering and Technology, 2013	NC	3rd October, 2013
5	"Two Layer Sparse Coding"	National Conference on Emerging Trends in Engineering and Technology, BVCOEK,2012	NC	15th 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	Autonomous Delivery Robot with Face Recognition	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)IJAREEIE	IJ	June 2021	2278-8875
2	Advanced Footstep Power Generation System using RFID	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)IJAREEIE	IJ	July 2021	2278-8875
3	Face Mask Detector Using Raspberry Pi	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)IJAREEIE	IJ	July 2021	2278-8875
4	Motion Controlled Rover with Robotic Arm	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	IJ	June 2021	2278-8875

		(IJAREEIE)IJAREEIE			
5	A Solar Smart Helmet With Multi Features	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)IJAREEIE	IJ	July 2021	2278-8875
6	A Fuzzy Gain Scheduling Method for Tolerant Control	International Journal of Pure and Applied Mathematics	IJ	2018	1314-3395
7	Design Direct Current Converter based on FLyback Topology	International Journal of Pure and Applied Mathematics	IJ	2018	1314-3395
8	Reversible data hiding for security application	International Journal of Electrical and electronics Engineering	IJ	June-2016	ISSN 2321-2055
9	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
10	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:-**   16
➢ **No. of Project Guided at P.G. Level:-**   01
➢ **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
3	PCB Designing using ORCAD and Proteus	AMGOI	23rd February, 2017
4	FDP	AMGOI	19th June, 2018
5	TCS training program	AMGOI	28th August, 2019
6	Two days' workshop on Arduino	AMGOI	Oct 2019
7	Gate Lecture Series	AMGOI	8th and 9th January, 2020
8	Hands on Training on Arduinofor E&TC Students	AMGOI	16th to 18th March,2021
9	Hands on Training on Arduinofor CSE Students	AMGOI	16th – 20th March, 2021
10	Hands on Workshop on Arduino (AMP, Vathar)	AMP	30th March to 1st April, 2021
11	Object Oriented Programming on Python	AMGOI	27th June 2021
12	Object Oriented Programming on Python	AMGOI	10th July 2021
13	Expert Lecture on IOT	AMGOI	13th June, 2022
14	Hands On training on Arduino	AMGOI	18th June,2022 to 20th June, 2022
15	One day Workshop on Arduino	AMGOI	27th Sept, 2022
16	Robotics and IOT	AMGOI	22nd Nov, 2022
17	Robotics and IOT	AMGOI	23rd Nov, 2022
18	5 days Hands On training on Arduino	AMGOI	5, 19, 23, 24th Aug and 2nd September, 2023

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

Sl.	Name of STTP/FDP/workshop	Institute	Date
	Five Days National Level Online FDP on "Writing An Effective Research Article: Tips and Tricks"	KLS VDIT, Haliyal, Karnataka	03/10/2023 To 07/10/2023
	Two Days online FDP on "IPR and Patent Subject Matters"	KLS VDIT, Haliyal, Karnataka	09/11/2023 To 10/11/2023
	FDP on " Internet of Things, Augmented Reality & Virtual Reality"	D. Y. Patil College of Engineering & Technology, Kolhapur	02 /01/2023 to 06 /01/2023
	Training on Energy Literacy	Energy Swaraj Foundation	17/02/2023
1	2 days FDP by Northstrom Academy	Northstrom Academy (Online)	13th and 14th May, 2020
2	Electrical Vehicle Design by Hindustan Institute of Technology and Science in associated with Pantech	Pantech Solutions	15th May, 2020
3	Trends and Technologies on VLSI	Pantech Solutions	17th May, 2020
4	How ML works for OpenCV Applications	Pantech Solutions	18th May, 2020

5	Two days National Webinar on Advanced Excel organized by IQAC and BCAF department of Ghanshyadas Saraf College of Engineering Arts and Commerce, Mumbai	Ghanshyadas Saraf College of Engineering Arts and Commerce, Mumbai	20th and 21st May, 2020
6	Role of IOT on Industrial Applications	Pantech Solutions	May, 2020
7	Raspberry Pi with Open CV, hosted by Vardhman College of Engineering	Vardhman College of Engineering	25th May, 2020
8	DBATU, Lonere TEQIP-III sponsored online FDP on Industry 4.0 Data Analytics, Disruptive Technologies in associated with SBGI, Miraj	SBGI, Miraj	26th to 31st May, 2020
9	Mathematical Modelling and Numerical Techniques	Ashokrao Mane Group of Institutions, Vathar	9th to 13th December, 2019
10	Short term training program on Electric Vehicles	KLE, Belgavi	1st to 6th January 2019
11	Optimization Techniques for Engineering Application	Ashokrao Mane Group of Institutions, Vathar	24th & 25th November, 2017
12	Induction Program	Ashokrao Mane Group of Institutions, Vathar	3rd to 9th November,2016
13	Embeded System Design and Implementation using ARDUINO	Ashokrao Mane Group of Institutions, Vathar	2nd Jan to 5th January, 2016
14	Matlab and hardware interfaces	-	25th July, 2014
15	"Recent trends in Commiunication Engineering and Methodology	Bharati Vidyapeeth's College of Engineering	15th to 19th January, 2014
16	Two days' workshop on "MSP430-16bit microcontroller"	Bharati Vidyapeeth's College of Engineering	29th and 30th August, 2013
17	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	9th 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	7th September, 2016
7	Fresher's Welcome and ETSA Inaugural Function	AMGOI	23rd September, 2016
8	PCB Designing using ORCAD and Proteus	AMGOI	23rd February, 2017
9	e-Vision 2K17	AMGOI	10th March, 2017
10	Workshop on GUI and Its Applications in MATLAB	AMGOI	11th 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
23	Alumni Talk		25th September, 2023
Different non-technical programs were organized under ETSA.			

- ➢ **Book Published:-** 00
- ➢ **Departmental Responsibilities:-**ETSA Coordinator, Training and Placement Coordinator, Alumni Coordinator, EDC/CDC, Feedback, Electronics Club Coordinator.
- ➢ **Other Experience/Responsibilities If Any :-** Cultural Function Coordinator, Athletics
- ➢ **Social Contribution If Any:-** Donated Blood

➤ **Professional Affiliation:-** --

- ➢ **Professional Membership If Any:- --**