Faculty Profile

- **Faculty Name**   :   **Mr. Pradip Surgonda Bhendwade**
- **Designation**   :   **Assistant Professor**
- **Department**   :   **Electronics and Telecommunication Engineering**
- **Mobile No.**   :   **9960752420**
- **Email Id.**   :   **psb@amgoi.edu.in**

- **Educational Qualification**

Sl.	Degree	University	Class
1	B.E.- Electronics Engineering	Shivaji University, Kolhapur	First Class
2	M. Tech.-Electronics Engineering	Shivaji University, Kolhapur	First Class

- **Professional experience**:-
Total experience in years:-07
Teaching: - 07 yrs   **Industrial: -00 yrs**   **Research: -00**

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	15-09-2020 to till date
2	DKTE Society's Textile & Engineering Institute Ichalkaranji	Assistant Professor	06-01-2020 to 12-09-2020
3	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	21-07-2014 to 04-01-2020

- **Subject Taught**:-

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

➢ **Research Area of Interest:-**   Embedded System, Digital Electronics, Control System

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

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Design Low Energy Consumption System for Monitoring Patient Physiological Information	International conference on communication and signal processing	IC	April 2014
2	Steganographic Secure Data Communication	International conference on communication and signal processing	IC	April 2014
3	Design and Development of Pressure Measuring System for Venous Leg Ulcer Treatment	International conference on communication and signal processing	IC	April 2017
4	A Spread-Spectrum Audio Watermarking Scheme Based on Geometric Invariant Feature	International Conference on Computing Methodologies and Communication	IC	---
5	An effective network border patrol mechanism using hybrid algorithm	International Conference on Recent Trends in Computer Science and Technology	IC	April 2018

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

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Designing Direct Current Converter Based on Flyback Topology	International Journal of Pure and Applied Mathematics	IC	2018
2	A Fuzzy Gain Scheduling Method For Fault Tolerant Controller	International Journal of Pure and Applied Mathematics	IC	2018
3	Voltage Scaling and Power Management Optimization Technique	IETE Conference on RF and Wireless	NC	May 2004
4	Design and Development of Smart Security System for Bank Using Arm Controller	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	IC	August 2016
5	Image Steganography Using LSB Algorithm	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	IC	April 2018

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

Sl.	Name of STTP/FDP/workshop/Conference	Institute
1	ISTE approved workshop on Arduino	BVCE
2	ISTE approved workshop on MATLAB	AMGOI
3	Design & Development LabVIEW application using Arduino Platform	AMGOI
4	Application of 8051 Microcontroller	AMGOI
5	Two days workshop on Arduino	AMGOI
6	Gate Lecture Series	AMGOI

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

- Workshop on "AUTONOMOUS ROBOTS" conducted by ThinksLABS, SINE IIT Bombay at MIT Pune.
- Industrial training at EDGATE Technology, Banglore.
- Workshop on "Overall Personality Development" conducted under lead college activity, Shivaji University at AMGOI, Vathar.
- Two day's FDP on "GUI Design and ARDUINO Interfacing in MATLAB" conducted under lead college activity, Shivaji University at Sanjay Ghodawat Group of Institution.
- One week STTP on "Preparation of Certified LabVIEW Associate Developer (CLAD) Examination" at AMGOI, Vathar.
- One week ISTE approved STTP on "Embedded System Design & Implementation using ARDUINO" at AMGOI, Vathar.
- One day FDP on "Final Year Syllabus Formation of BE (E&TC)" conducted under lead college activity, Shivaji University at AMGOI, Vathar.
- Two days FDP on "Graphical System Design in Engineering Education & Research" organized by NI LabVIEW academy E&TC department AMGOI, Vathar.
- ISTE approved one week FDP on "Induction Tranning" at AMGOI, Vathar.
- One Week Online Faculty Development Program on **LaTeX**, Organized by P.V.P.I.T. Sangli (Budhgaon) in Association with **IIT-Bombay.**
- One Week Online Faculty Development Program on **Python 3.4.3**, Organized by P.V.P.I.T. Sangli (Budhgaon) in Association with **IIT-Bombay**.
- Online Training Program for Three days from 28th to 30th April 2020 on **ARM Cortex M4 -F** Based on Tiva Launchpad Under **Texas Instruments** University Program in association with **EdGate Technologies Pvt Ltd Bangalore**.
- Three days Webinar on "Circuit Simulation and PCB Designing" Organized by DKTE Society's Textile & Engineering Institute Ichalkaranji, Maharashtra.
- Three days Webinar on "Arduino programming & Internet of Things" Organized by DKTE Society's Textile & Engineering Institute Ichalkaranji, Maharashtra.

- **Book Published:-** 00

- **Departmental Responsibilities:-**Exam Coordinator, NPTL Coordinator**,** Coordinator
- **Other Experience/Responsibilities If Any :-** Cultural Function Coordinator, Athletics

- **Professional Affiliation:-**
Life Member of Indian Society for Technical Education (ISTE), LM- 104161

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