

Name:

Dr. Mahesh Pandurang Potdar

**Designation:**

Assistant Professor

Contact Details:

Email id: mpp_entc@pvgcoet.ac.in

Phone Number with extension:020-24228258

Educational Qualifications:

Ph. D.(Instrumentation Engg.-Biomedical Image Processing) 2025
M Tech (Instrumentation and Control - Biomedical)

Experience: 27 Years

Research Interests:

- Biomedical Signal Processing
- Optimization
- Deep Learning

Patents: (Details)

Micro Controller Free Wireless Control for Home And Industrial Automation

Date:15/01/2026

Number of Publications:

International Journal:05

International Conference:01

National Conference:02

Recognition/ Awards:

Recognition as PG Teacher from 2011 for 5 years

Professional Society Memberships:

- Life Member of ISTE
- Life Member of ISOI

Number of FDPs / STTPs organized:01

Number of Workshops organized:04

Number of Conferences / Seminars organized:05

Number of FDPs / STTPs attended:13

Number of Workshops attended:25

Number of Online Certification Courses done: 06

Number of Webinars attended:02

Number of times served as a Resource Person: 14

Number of times served as a Reviewer / Judge: 02

Number of Research papers published:05

Details of Research papers published:

ECFO-DCNN: gocentric Critter Fish Optimization Enabled Deep Convolutional Neural Network for Brain Tumor Classification - Biomedical Materials & Devices Springer US – April 2025

Multiclass Brain Tumor Image Analysis Using Deep Learning Techniques - 13th International Conference on , “Recent Challenges in Engineering & Technology”, ICR CET , Chennai India-

September 2024

International Journal of Pattern Recognition and Artificial Intelligence Vol. 37, No. 04, 2356001 (2023)-

Automatic Multi-Class Brain Tumor Classification Using Residual Network-152 Based Deep Convolutional Neural Network- Computer Methods in Biomechanics and Biomedical Engineering : Imaging and Visualization- Taylor & Francis- Design and Development of Deep Learning Model for Brain abnormality detection using MRI- December 2023

International Journal of Engineering Research & Management Technology- LPG Leakage Detection and Automatic Gas Cylinder Booking System May 2015

International journal of Innovations in engineering & Technology(IJiet)- Biometric Attendance Recording and Communication System – April 2015

International Conference on Sensors, Signal Processing, Communication and Instrumentation(SSPCCIN)- Data monitoring System –Wireless Embedded Approach- January 2008

Innovations 2007-Punjab- Implementation of Data Acquisition System Using Bluetooth April 2007

Agnel Tech-LOOPS 2k3 Vashi- Mumbai- Embedded systems and its Applications- April 2003

Number of FDPs / STTPs attended in last 5 years:05

Major Portfolios Handled: (college level and department level

- Dean Academics
- Member Secretary of Academic Council.
- member of Governing body.

Role in University Bodies

External Senior Supervisor

Staff selection committee member

Continuation of affiliation of under graduate programme University of Pune

