Faculty Profile

- **Faculty Name** : **Mr. Digvijay Jotiram Pawar**
- **Designation** : **Assistant Professor**
- **Department** : **Electronics and Telecommunication Engineering**
- **Mobile No.** : **9665159556/7517771291**
- **Email Id.** : **djp@amgoi.edu.in**

• Educational Qualification

Sr. No.	Degree	University	Class
1	Ph.D. (Thesis Submitted) - Electronics Engg.	Shivaji University, Kolhapur	-
2	M. Tech. - Electronics Technology	Shivaji University, Kolhapur	First
3	B.E.- Electronics Engineering	Shivaji University, Kolhapur	First
4	Diploma in Mass Communication and Journalism (MCJ)*	YCMOU, Nashik	-

• Professional experience:-

Total experience in years:-14.5

Teaching: - 14.5   Industrial: -00   Research: -00

Sr. No.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	18 Oct 2021 to Till Date
2	Y. D. Mane Institute of Technology, Kagal	Principal	17 July 2018 to 17 Oct 2021
3	Bharati Vidyapeeth's College of Engineering, Kolhapur	Assistant Professor	01 August 2013 to 30 June 2018
4	Dhananjay Mahadik Group of Institutions (DMGOI), Kagal, Kolhapur	Assistant Professor	01 July 2011 to 31 July 2013
5	Department of Technology, Shivaji University, Kolhapur	Visiting Lecturer	01 August 2010 to 31 May 2011
6	Government Polytechnic, Kolhapur	Visiting Lecturer	01 July 2009 to May2011

➤ **Subject Taught**:-

Undergraduate Subjects			
1	Linear Integrated Circuits	2	Network Analysis
3	Embedded Systems	4	Analog Circuits
5	Microprocessor & Microcontroller	6	Digital Techniques
7	Computer Architecture	8	Power Electronics

Postgraduate Subjects			
1	Comm. Skill	2	-

- **Project Work at U.G.:-** Multitasking with Adaptive Cruise Control System in a Car.
- **Project Work at P.G.:-** Enhancement of ECG Signal By Minimizing Baseline Drift Interference Using FPGA Based FIR Filter.
- **Research Area of Interest:-** Machine Learning, Image Processing, Embedded & VLSI Systems.
- **Book Published :- 03**
- **Book Chapter :- 01 (Springer)**
- **Paper Published in National & International Journal:- 06**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	FPGA Based FIR Filter Design for Enhancement of ECG Signal by Minimizing Base-line Drift Interference	International Journal of Current Engineering and Technology (IJCET)	IJ	December 2013	2277-4106
2	A Systematic Approach to Devnagari Character Recognition Method	International Journal of Engineering Science and Research Technology (IJESRT)	IJ	December 2015	2277-9655
3	Glaucoma Disease: An Insight View	Aut Aut Research Journal	IJ	November 2020	0005-0601
4	Classification Based Automated Glaucoma Detection Using Retinal Fundus Images	GIS Science Journal	IJ	May 2021	1869-9391

* NJ- National Journal   IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 07
- **No. of Project Guided at P.G. Level:-** 01
- **STTP/FDP/Workshops/Attended/Participated:-** 37

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Two week ISTE workshop on Solar Photovoltaics : Fundamentals, Technologies and applications	IIT, Bombay	12th Dec. to 22nd Dec. 2011
2	Two week ISTE workshop on Database Management	IIT, Kharagpur	21st May to 31st May 2013
3	Two week ISTE workshop on Analog Electronics	IIT, Kharagpur	4th June to 14th June 2013
4	One week ISTE approved Short Term Training Program (STTP) on "Advances in Signal Processing Using VLSI"	K.I.T.s C.O.E. Kolhapur	31st Dec. 2012 to 4th Jan. 2013
5	Two days' workshop on MSP430 – 16 bit Microcontroller.	Bharati Vidyapeeth's C.O.E. Kolhapur	29th to 30th August 2013
Sl.	Name of STTP/FDP/workshop	Organized By	Date

6	DST-PURSE sponsored one day workshop on "Spoken Tutorial"	Department of Technology, Shivaji University, Kolhapur	29th January 2014
7	One week an ISTE approved STTP on "Recent Trends in Communication Engineering & Methodology"	Bharati Vidyapeeth's C.O.E., Kolhapur	15th to 19th January 2014
8	One day workshop on "Measurement Techniques in RF by Agilent Technologies"	Bharati Vidyapeeth's C.O.E., Kolhapur	16th July 2014
9	One week an ISTE approved STTP on "Recent Trends in Advanced Network System and Image Processing"	Bharati Vidyapeeth's C.O.E., Kolhapur	6th to 10th January 2015
10	One week Faculty Development Programme on "Application in Engineering based on MATLAB"	Sanjeevan Engineering & Technology Institute, Panhala	21st to 25th December 2015
11	one week an ISTE approved STTP on "Recent Trends in Advanced Communication and Embedded Systems"	Bharati Vidyapeeth's C.O.E., Kolhapur	24th to 29th December 2016
12	Two week ISTE STTP on "CMOS, Mixed Signal and Radio Frequency VLSI Design"	IIT, Kharagpur	30th January to 4th February 2017
13	One Day Workshop on eSim	IIT Bombay	21st September 2019
14	Faculty Awareness Programme on "Outcome Based Education (OBE) and NBA Accreditation"	Sinhgad Institute of Technology and Science, Narhe, Pune	7th May 2020
15	Online One Week Faculty Development Program on "NBA Norms & Preparation of SAR-Criteria 1-9"	Rajarambapu Institute of Technology	25th to 29th May 2020
16	Faculty Development Program on "Introduction to Machine Learning using Python"	MIT Art Design and Technology University, Pune	25th to 29th May 2020
17	Five Days Virtual Faculty Development Program (FDP) on "Outcome Based Education and NBA"	Karmaveer Bhaurao Patil College of Engineering, Satara	8th to 12th May 2021
18	FDP on "Computer Vision: Past, Present and Future"	SCTR's Pune Institute of Computer Technology, Pune	06th to 10th December 2021
19	ISTE Approved STTP on "Machine Learning Using Python"	Ashokrao Mane Polytechnic, Vathar	21st to 26th February 2022
20	Five Days National Level Online FDP on "Writing an Effective Research Article: Tips and Tricks"	KLS VDIT, Haliyal, Karnataka	03rd to 07th October 2023

➢ **Special Achievements :-**
  - Worked as a Principal at Polytechnic Institute for 3 years.
  - Initiated to establish Industrial Training Institute (I.T.I.) at Kagal; under Spare Capacity of Polytechnics/Engineering Colleges Scheme of AICTE, New Delhi.

➢ **Central Responsibilities :-**
  • Member Secretary, Student Grievance Redressal and Co-ordination Committee
  • Member Secretary, Faculty Grievance Redressal and Co-ordination Committee
  • Faculty Co-ordinator, Social Club
  • FC Officer, DSY Admission
  • Editor of institution-level News of various activities.
➢ **Departmental Responsibilities:-** ETSA Co-ordinator
➢ **Other Experience/Responsibilities :-**
  • As a Resource Person for one week an ISTE approved STTP on "Scilab & OpenCV Application in Image Processing" organized by Dr. Daulatrao Aher College of Engineering, Karad from 5th December to 10th December 2016.
  • Team Member for Moodle Server Installation & their maintenance at Shripatrao Chougule Arts and Science College, Kotoli, Tal.-Panhala, Dist.-Kolhapur.
  • Delivered various invited talks/expert talks/guest lectures related to Electronics Engineering, Electronics and Telecommunication Engineering, Engineering Admission Process, Career Opportunities etc.
➢ **Social Contribution : -**
  ✓ Working as a -
    • Secretary, Late Sou. Housabai Pawar Charitable Trust, Kolhapur.
    • Director, Raj Prakashan
    • Director, Rajarshi Shahu Adhyasan
  ✓ Written various articles occasionally in Marathi Newspapers like Daily Sakal, Lokmat, Tarun Bharat, Punyanagari, Maharashtra Times etc.
➢ **Professional Membership :-**
  • Member of International Association of Engineers (IAENG) - (Member No. 190207).

  Date – 16/12/2023
  Place – Kolhapur