Faculty Profile

- **Faculty Name** : **Arati Vikram Patil**
- **Designation** : **Assistant Professor**
- **Department** : **Computer Science & Engineering**
- **Mobile No.** : **8600232841**
- **Email Id.** : **aap@amgoi.edu.in**

• **Educational Qualification**

Sr. No	Degree	University	Class
1	B.E.-Computer Science & Engineering	Shivaji University, Kolhapur	First class With Distinction
2	M.Tech.-Computer Science &Technology	Shivaji University, Kolhapur	First class With Distinction

• **Professional experience**:-

Total experience in years: 08

Teaching:-08   **Industrial:-00**   **Research:-00**

Sr. No	Organization	Post	Period
1	DIET Satara	Assistant Professor	1st September2022 to 15th April 2023
2	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	12th October 2021 to 30thAugust2022
3	Ashokrao Mane Group of Institutions Polytechnic,Vathar	Assistant Professor	1st July2018 to 30thJune2019
4	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1st August 2017 to 31st May2018
5	TKIET Warananagar	Lecturer	29th July2013 to 15th May2015
6	Ashokrao Mane Group of Institutions, Vathar	Lecturer	1st August2012 to 31st May2013

➢ **Subjects Taught**:-

Under graduate Subjects			
1	Database Systems	2	Storage Networks
3	Computer Organization and Architecture	4	Object Oriented Modeling And Design
5	Basic Computer Programming	6	Competitive Programming-I&II
7	Cyber Laws	8	Data Structures
9	Software Engineering	10	Programming for Problem Solving

➢ **Project Work at U.G.:-**   Insurance Policy Prediction System
➢ **Project Work at P.G.:-**   PiCode:A Novel Approach To Design Picturesque 2D Barcode
➢ **Research Area of Interest:-**   Artificial Intelligence ,Competitive Programming
➢ **Book Published:-**-Nil

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	A Survey on Picode:Picture Embedding 2D Barcode	International Journal of Recent & Innovation Trends in Computing& Communication	IJ	Dec 2016	Volume4 Issue 12
2	Efficiency measurement with different demodulation techniques by designing picturesque 2D Barcode	International Journal of Scientific & Engineering Research (IJSER)	IJ	July 2017	Volume8 Issue 7
3	Fruit Disease Detection Using A Machine Learning Approach"	Journal of Emerging Technologies and Innovative Research	IJ	Jan 2025	Volume 12 Issue 1
4	Automatic Number Plate Recognition Using Computer Vision	TIJER - International Research Journal	IJ	Feb 2025	Volume 12 Issue 2

*NJ-National Journal   IJ-International Journal

➢ **No.of Project Guided at U.G.Level:-**   04
➢ **No.of Project Guided at P.G.Level:-**   00

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

Sl.	NameofSTTP/FDP/workshop	Organized By	Date
1.	Participated in the 43rd ISTE National Annual Convention on "Empowering Technical Education to Address Sustainability and Global Competitiveness"	TKIET Warananagar	19th -21st Dec 2013.
2.	43rd ISTE Annual Convention Empowering Technical Education to address sustainability &global Competitiveness	TKIET Warananagar	10th July-20th July 2014
3.	2 week ISTE Workshop on Cyber Security Conducted by IIT Bombay Under the National Mission on Education through ICT(MHRD,Govt of India)	DKTE,Ichalkaranji	8th–9thOct. 2013
4.	Training in IBM SEED Program "Rational Software Architect" held at AMGOI	AMGOI,Vathar	October 2013
5.	Attended Fivedays FDP on"ProductDesign Engineering"	AMGOI,Vathar	20th -24th Dec 2018
6	Quantum Computing: Fundamentals and Future Directions	AICTE Training and Learning (ATAL) Academy	One Week	Jan 2025
6	FDP "Outcome Based Education" in line with NBA	S. P. I. T. POLYTECHNIC	Oct 2024
7	Green Skills and Artificial Intelligence	Edunet Foundation & CSI	One Week FDP	December 2024
8	National Level FDP on LaTeX in association with Spoken tutorial	IIT Bombay	One week	Jan 2025

➢ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Red Hat Workshop, By Mr.Yogesh Babar	TKIET Warananagar	27thDec.2013

➢ **Special Achievements:-**
➢ Got Elite certification for NPTEL course Python for Data Science
➢ Secured First Prize in"TECHFEST 2017", organized by the Department Technology, Shivaji University, Kolhapur.

➢ **Central Responsibilities:-**Nil
➢ **Departmental Responsibilities:-**NPTEL Coordinator, NACC Criterion 2 Coordinator
➢ **Other Experience/Responsibilities If Any:-**
➢ **Social Contribution If Any:-**Tree Plantation, Blood Donation
   1. **Professional Membership If Any:-**Life member of ISTE (LM 98586)