

Faculty Profile

- **Faculty Name** : Pratik Ashok Patil
- **Designation** : Assistant Professor
- **Department** : Mechanical Engineering
- **Mobile No.** : 07741814181
- **Email Id.** : pap@amgoi.edu.in, pratikpatil@live.in

● Educational Qualification

Sl.	Degree	University	Class
1	B. Tech- Production Engineering	Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded, Maharashtra, India	First with Distinction
2	M. Tech- Mechatronics Engineering	National Institute of Technology, Surathkal, Karnataka, India	First with Distinction

● Professional experience:-

Total experience in years:-09

Teaching: - 08

Industrial: -01

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	01 st April 2016 to Till Date
2	Sanjeevan Engineering & Technology Institute, Panhala	Assistant Professor	09 th November 2013 to 31 st March 2016
3	Bharathi Vidyapeeth's College of Engineering, Kolhapur	Assistant Professor	01 st August 2013 to 31 st March 2016
4	Manugraph India Ltd., Kodoli	Trainee Engineer	01 st June 2012 to 28 th February 2013
5	Electronica Machine Tools, Saswad, Pune	Trainee Engineer	25 th May 2009 to 26 th June 2009

➤ Subject Taught:-

Undergraduate Subjects			
1	Control Engineering	2	Mechatronics
3	Noise & Vibration	4	Industrial Management & Operations Research
5	Automobile Engineering	6	Industrial Fluid Power
7	Theory of Machines-II	8	Machine Design-I
9	Manufacturing Engineering	10	Machine Drawing
11	Basic Mechanical Engineering	12	Strength of Materials
Postgraduate Subjects			
1	Noise, Vibration & Harshness	2	Design of Piping System

- **Project Work at U.G.:-** Design Optimized parameters for Die-Steel material using Wire Electric Discharge Machine (WEDM)
- **Project Work at P.G.:-** Novel Design to Semi-Automate the mounting of rubber rollers to printing machine
- **Research Area of Interest:-** Mechatronics
- **Paper Presented in National & International Conference:-**

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	The Role of Human Values in Life, in the success of Waranabazar consumer cooperative at Warananagar	Bahai Academy, Panchgani	IC	June 2016
2	Advanced Water Irrigation System	International Conference on Innovative Trends in Engineering Research	IC	June 2016
3	Feedback Assisted Closed Loop Inspection Control System	International Conference on Innovative Trends in Engineering Research	IC	June 2016

*NC- National Conference

IC- International Conference

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Prototype for automatically navigated water irrigation system	The International Journal Of Engineering And Science	IJ	March 2015	2319 – 1813
2	Feedback Assisted Closed Loop Inspection Control System	International Journal of Innovations in Engineering, Research and Technology	IJ	June 2016	2394-3696
3	Advanced Water Irrigation System	International Journal of Innovations in Engineering, Research and Technology	IJ	June 2016	2394-3696
4	Automatic Headlamp Illumination Control System	International Journal of Innovative Research in Science, Engineering and Technology	IJ	March 2017	2319-8753
5	A Review on Investigation and Implementation of Lean Manufacturing in a Small Scale Industry for Effective Productivity	International Journal for Innovative Research in Science & Technology	IJ	March 2017	2349-6010

6	A Review on Design and Analysis of Gate valve using Various Computer aided Techniques	International Journal for Innovative Research in Science & Technology	IJ	March 2017	2349-6010
7	Necessity of Automation of Irrigation	International Journals of Robotics and Automation	IJ	March 2017	2319 – 1813
8	A Review on Investigation and Implementation of Lean Manufacturing in a Small Scale Industry for Effective Productivity	International Journal for Innovative Research in Science & Technology	IJ	March 2017	2349-6010
9	Selection of Material Handling Equipment Classifications and Attributes	International Journal for Innovative Research in Science & Technology	IJ	January 2019	2349-6010

* NJ- National Journal

IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 09
- **No. of Project Guided at P.G. Level:-** 00
- **No. of Certified Courses completed:-** 02

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

Sl.	Name of STTP/FDP/workshop/Conference	Institute	Date
1	Optimization Techniques and Awareness on Research	AMGOI, Vathar	30 th December 2019 to 03 rd January 2020
2	Renewable Energy Sources : Past, Present and Future	AMGOI, Vathar	05 th February to 17 th February 2018

- **Departmental Responsibilities:-** Departmental Newsletter & Website Coordinator
- **Other Experience/Responsibilities If Any :-** Institute Project Coordinator,
Robotics & Automation Cell Coordinator
Institute Nodal Officer
Co-coordinator of Admission Cell