

Faculty Profile

- **Faculty Name:-** Rabade Amol Balawant
- **Designation-** Assistant Professor
- **Department:-** Mechanical Engineering
- **Mobile No.** 9975099955
- **Email Id-** amolr@amgoi.edu.in
- **Educational Qualification:**

Sr.No	Degree	University	% Marks	Class
1	M.E.(Design)	Shivaji University	67.94	First
2	B.E.(Mechanical)	Shivaji University	69.70	First class with distinction

- **Professional experience:-** 10 yrs

Teaching: - 07 yrs

Industrial:- 03 yrs

Research: -

Sr.No.	Organization	Post	Period
1	AMGOI,Vathar	Assistant Professor	03 July 2014 to till date
2	AMP,Vathar	Lecturer	10 July 2013 to 30 June 2014

- **Subject Taught:-**

Sr.No.	Under Graduate	Post Graduate
1	Refrigeration & Air conditioning	-
2	Theory of Machine I	-
3	Theory of Machine II	-
4	Machine Design II	-
5	Fluid Mechanics	-
6	Industrial Automation & Robotics	-

- **Project Work at U.G.:-**

Title: "Pneumatic operated Multipurpose press machine"

- **Project Work at P.G.:-**

Title: "Design and Development of SPM for Face Milling & Two Hole Boring of a CR-22 Block."

Description: The main objective is to Design and Development of Special Purpose Machine for Face Milling 105×135mm & Two Hole Boring $\phi 41.30 \times 20$ mm of a CR-22 cylinder block. To minimize cycle time half of the conventional method & increase the production rate without sacrificing quality.

- **Certified Courses:-**

- **Research Area of Interest:-** Design and Development

➤ **Paper Presented and published:-**

- 1."Design and Development of SPM for Face Milling & Two Hole Boring of a CR-22 Block" in International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753 (An ISO 3297: 2007 Certified Organization) Vol. 3, Issue 1, January 2014.
- 2."Design, Development and Testing of Bent Axis Piston Pump", International Journal of Application or Innovation in Engineering & Management (IJAEM) .Volume 2, Issue 12, December 2013 ISSN 2319 - 4847
- **Expert Lectures Delivered as a Resource Person:-**

Sr.No.	Name of STTP/FDP/workshop/Conference	Institute	Date
1	Skill Development	AMGOI,Vathar	25 th Jan. 2017

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

Sr.No.	Name of STTP/FDP/workshop	Institute	Date	Attended/Participated
1	Optimization Techniques and Awareness on Research	AMGOI,Vathar	30th Dec. 2019 – 03rd Jan. 2020	Participated
2	Renewable Energy Sources : Past, Present and Future	AMGOI,Vathar	05th Feb. – 17th Feb. 2018	Participated
3	CAM, Fluid Power, CIM/FMS, Robot Simulation	AMGOI,Vathar	11 th Sept. 2015	Participated
4	Research Methodology	AMGOI,Vathar	13 th June – 15 th June 2017	Participated
5	Graphical System Design in Engineering Education & Research	AMGOI,Vathar	19 th & 20 th January, 2016	Participated
6	Accreditation by NBA – June 2015 Format	AMGOI,Vathar	08 th November, 2015	Participated
7	ISTE National Annual Convention	TKIET,Warananagar	19 th -21 st December 2013	Attended

➤ **Programs Organized:-** Worked as a Co coordinator

Sr.No.	Name of Program	Institute	Date
1	Renewable Energy Sources : Past, Present and Future	AMGOI,Vathar	05 th Feb. – 17 th Feb. 2018

- **Departmental Responsibilities:-** IQAC Co coordinator, PRIDE Magazine coordinator
- **Other Experience/Responsibilities If Any :-** NBA Criteria Coordinator for NBA Criteria No. 06 Facility & Technical Support