

Faculty Profile

- Faculty Profile Name:- Mr. Rahul Anil Pasale
- Designation- Assistant Professor
- Department: - Mechanical Engineering
- Mobile No. 9823131203
- Email Id- emec028rap@bmshpmami.edu.in
- Educational Qualification: In Following Format

Sr. No.	Degree	University	% Marks	Class
1	Ph. D. in Mechanical	VTU Belagavi	Pursuing	-
2	M. E. Production	Shivaji University, Kolhapur	69.14	First
3	B. E. Production	Shivaji University, Kolhapur	67.94	First with dist.
4	D.M.E.	Government Polytechnic Kolhapur	71.84	First with dist.

- Professional experience: - Total experience in years:

Teaching: - 19 yrs

Industrial: - 2 yrs

Research: - 1 Yr

Sr. No.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon	Assistant Professor	1 August 2009 to till date
2	Dr. D. Y. Patil polytechnic, Kolhapur	Lecturer	1 July 2007 to 31 July 2009
3	S. B. Reshelleres Pvt. Ltd. Shirol M. I. D. C.	Production Engineer	1 Sept. 2005 to 30 June 2007

- Subject Taught: -

Sr. No.	Under Graduate	Post Graduate
1	Engineering Graphics	Design of Experiments and Research Methodology
2	Basic Mechanical Engineering	Lean Manufacturing

3	Theory of Machines	Manufacturing Planning and Control
4	Industrial Fluid Power	Design Optimization
5	Manufacturing Process	
6	Manufacturing Engineering	
7	Industrial Engineering	
8	Metrology & Quality Control	
9	Manufacturing Technology and Processes	
10	Machine Drawing	

- Project Work at U.G.: - Design and development of Tata Indica's gear box Intermediate plate.
- Project Work at P.G.: - Quality and productivity improvement in a small-scale industry through 5S implementation.
- Certified Courses: - NPTEL course completed on Engineering Drawing
- Research Area of Interest: - Manufacturing, Casting technology, Industrial Engineering
- Paper Presented and published: -
 1. 5S strategy for productivity improvement: a case study (2013), Indian Journal of Research pp 151-153
 2. 5S strategy: A workplace improvement lean tool (2013), Journal of Engineering and technology research, pp 100-107
 3. Photo elastic stress analysis and finite element analysis of an Internal combustion engine piston, (2012), International journal of scientific and engineering research.
 4. Application of Finite Difference Method Simulation for filling and solidification analysis (2025), International Journal of Scientific Development and Research
 5. A Contemporary Review: Directional Solidification and its Critical Role in Mitigating Casting Defects and Enhancing Product Quality (2025), International conference on integrated research and sustainable development (ICIRSD -2025)
 6. Case Study on Lean Manufacturing: Implementation and Results in a Medium-Sized Auto Parts Manufacturer (2025), International conference on integrated research and sustainable development (ICIRSD -2025)
 7. Impact of 5S Implementation at Machine Shop: A Case Study (2025), International conference on integrated research and sustainable development

(ICIRSD -2025)

- ME./M.Tech Projects Guided: - 05
- STTP/FDP/Workshops/Attended/Participated: -In Following Format

Sr. No.	Name of STTP/FDP/workshop	Institute	Date	Attended/Participated
1	Biomaterials and its applications in the field of Engineering	A. G. Patil Institute of Technology, Solapur	9 Jan 2025 to 11 Jan 25	Attended
1.	Optimization Techniques and Awareness on Research	AMGOI	30 Dec to 3 Jan 2020	Attended
2.	Soft computing techniques for modelling and optimization in mechanical engineering	AMGOI	13 to 15 March 2019	Attended
3.	Recent trends in welding and joining technology	DBATU Lonere	26 to 30 Nov 2018	Attended
4.	Renewable energy sources: Past, Present and Future	AMGOI	5 to 17 Feb 2018	Attended

- Book Published: -- 01
- Departmental Responsibilities: -
 1. Alumni Coordinator,
 2. NBA Criteria 6 Coordinator
 3. Research and Development cell department coordinator
- Other Experience/Responsibilities If Any: -.
 1. ERP Coordinator (Central),
 2. FC Coordinator (Admission Cell),

➤ Social Contribution If Any: -

1. Delivered expert talk on “Engineering admission process and document required” in Shahu Smarak Bhavan, Kolhapur organized by Vidya Pratishthan

➤ Professional Membership If Any: - ISTE life Membership