

Faculty Profile

- **Faculty Profile Name:-** Rahul Adagonda Patil
- **Designation-** Assistant Professor
- **Department:-** Mechanical Engineering
- **Mobile No.** 9403233264
- **Email Id-** rahulp@amgoi.edu.in
- **Educational Qualification:**

Sr. No.	Degree	University	% Marks	Class
1	Ph. D Scholar	Visvesvaraya Technological University, Karnataka		
2	M.E. Mechanical Engineering (Product Design & Development)	Shivaji University Kolhapur	64.79	1 st Class
3	B.E. (Mechanical Engineering)	Shivaji University Kolhapur	62.66	1 st Class

- **Professional experience:-** Total experience in years: 11 Years

Teaching: - 11

Industrial:- 0

Research: -0

Sr. No.	Organization	Post	Period
1	D Y Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur	Assistant Professor	03 Years
2	Ashokrao Mane Group Of Institution Vathar tarf Vadgaon	Assistant Professor	08 Years

- **Subject Taught:-**

Sr. No.	Under Graduate	Post Graduate
1	Engineering Graphics	Research Methodology
2	Basic Mechanical Engineering	Theory of Machining
3	Machine Design I	Design for Manufacturing and Assembly
4	Machine Design II	Advance Tool Design
5	Mechanical System Design	
6	Total Quality Management	

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

Experimental Apparatus for Determining Stefan- Boltzmann Constant”

1. To design and development of, “Stefan –Boltzmann” Instrument.
2. Experimental verification of, “Stefan –Boltzmann Constant” for measurement of black body radiation.
3. Program is prepare in Java for validation.

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

Performance evaluation of pressure and flow of coolant on tool wear and surface finish of EN8 component in turning process”

1. To investigate the effect of High pressure and respective flow rate of coolant on surface finish of EN8 threaded oil nipple

2. To measure tool wear (tool of DNMG IC320) during turning process on CNC machine at high pressure and respective flow rate of coolant.
3. To study the effect of various machining parameters while turning process.
4. Validation of Experiment by using Minitab software by ANOVA method.

- **Certified Courses:-** UG NX4
- **Research Area of Interest:-** Design And Manufacturing
- **Paper Presented and published:-** 08

National Conference:-

Sr. No.	Name of Conference	Institute	Date
1	National Conference on Emerging Trends in Engineering Trends and Architecture	D Y Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur	Jan. 2012

International Conference:-

Sr. No.	Name of Conference	Institute	Date
1	International Conference on Engineering, Technology and Architecture.	D Y Patil College of Engineering & Technology, Kasaba Bawada, Kolhapur	March 2017
2	International Conference on Manufacturing Excellence (ICMAX-2019)	K.K. Wagh Institute Of Engineering Education & Research, Nashik	Feb. 2019

- **ME./M. Tech Projects Guided:-** 02
- **STTP/FDP/Workshops/Attended/Participated:-**

Sr. No.	Name of STTP/FDP/workshop	Institute	Date	Attended/ Participated
1	Two Day Workshop on “Mechatronics and robotics”,	D Y Patil college of Engineering and Technology Kasaba Bavada	Sept 2008	Attended
2	Two Day Workshop on “Research Methodology”	DKTE, Ichalkaranji, under lead college activity, Shivaji University Kolhapur	Oct. 2010	Attended
3	Two Week ISTE Workshop on “Introduction to Research Methodologies	D Y Patil college of Engineering and Technology Kasaba Bavada, Kolhapur, conducted by IIT Bombay	July 2012	Participated
4	One Day Workshop on “Industry Institute Interaction	Genesis Institute of Technology, Kasarwada, Kolhapur	Dec. 2012	Attended
5	“Workshop on Curriculum Development of SE Mechanical Engineering	Mechanical Engineering Department, at Ashokrao Mane Group of Institution, Vathar, under lead college activity, Shivaji University Kolhapur	Dec. 2013	Participated
6	One Day Training Program on “Role of teachers in Knowledge	Ashokrao Mane Group of Institution, Vathar, under	Feb 2014	Participated

	Management and Evaluation Process of NBA Accreditation	lead college activity, Shivaji University Kolhapur		
7	One Day faculty development program on “CAM (Delcam), Fluid Power (Automation studio), CIM/FMS (Open CIM and Witness), Robot simulation”,	Ashokrao Mane Group of Institution, Vathar, under lead college activity, Shivaji University Kolhapur	Sept. 2015	Attended
8	Two Day workshop on “Teaching Methodology for CAD/CAM Lab and Best practices in Teaching and Learning CNC Metal Cutting Technology	Kolhapur Institute of Technology’s, Kolhapur, conducted by Cadem Technology Pvt. Ltd. Association with Shivaji University Kolhapur	Aug. 2015	Attended
9	One Day workshop on “Overall Personality Development”,	Ashokrao Mane Group of Institution, Vathar, under lead college activity, Shivaji University Kolhapur	Feb. 2015	Attended
10	One Day faculty development Program on, “Accreditation by NBA- June 2015 Format	Ashokrao Mane Group of Institution, Vathar, under lead college activity, Shivaji University Kolhapur	Nov. 2015	Attended
11	Three Day faculty development program on, “Delcam Feature CAM”,	Organized by Mechanical Engineering (Post Graduate Studies) Department in association with Delcam Software India, at Ashokrao Mane Group of Institution, Vathar, Kolhapur	Dec. 2015	Attended
12	Faculty Induction Program, 18 th July – 27 th July 2017	Department of Mechanical Engineering at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	July 2017	Attended
13	Two day state level workshop on “Introduction & Application of LATEX	Department of Civil Engineering RDTIC’S SCSCOE Dhanqawdi in association with Savitribai Phule University Pune,	Dec. 2014/7	Attended
14	One day seminar on “Neural Network, Fuzzy logic & Genetic algorithm”	Department of Mechanical Engineering and Computer science & Engineering in association with student chapter ISTE New Dheli	Sept. 2017	Attended
15	Two week faculty development programme on “Renewable Energy Source: Past, Present and Future”	Department of Mechanical Engineering in association with all India council for technical education (AICTE), New Delhi, at Ashokrao Mane Group of Institution, Vathar, Kolhapur	Feb. 2018	Participated

16	One week workshop on “Research Methodology	VTU Human Resource Development Center (VTU-HRDC), center for PG studies Muddenahalli, Chickaballapur, Bangalore	March 2018	Participated
17	One day workshop on “Research: What, Why & How?”	Ashokrao Mane Group of Institution under lead college activity Shivaji University Kolhapur	March 2018	Attended
18	One day faculty development programme on “Neuro linguistic Programming for Teaching”	Faculty of Management Studies under lead college activity Shivaji University Kolhapur	March 2018	Attended
19	One week ISTE AICET Sponsored induction/refresher program on “Energy Conservation Building Code 2017”	Sharad Institute of Technology College of Engineering Yadrav, Ichalkranji, Kolhapur	June 2018	Participated
20	One day workshop on “NPTL”	IIT Madras at Gharda Institute of Technology Level	July 2018	Attended
21	One day workshop on “NPTL”	IIT Madras at MIT Academy of Engineering, Alandi, Pune	Nov. 20158	Attended
22	Five Days Faculty Development Program on “Technical Computing using MATLAB (TechniComp-2018)”	Department of Mechanical Engineering, Electrical Engineering, Electronics and Telecommunications Engineering, Computer Science and Engineering in association with ISTE Faculty Chapter AMGOI	June 2018	Participated
23	Faculty Development Program on “Soft Computing Techniques for Modeling and Optimization in Mechanical Engineering”	Lead College Activity, Shivaji University Kolhapur AMGOI	March 2019	Participated
24	Optimization techniques and Awareness on research	Department of mechanical Engineering, Ashokrao Mane Group of Institutions, vathar tarf, Vadgaon,	Jan. 2020	Participated
25	Mathematical Modelling	Ashokrao Mane Group of Institutions, vathar tarf, Vadgaon,	Dec. 2019	Participated
26	Micromachining for the future technologies	SITCOE, Yadrav	Jan. 2020	Participated

➤ **Programs Organized:-**

Sr. No.	Name of Program	Institute	Date
1	Coordinator of National level Technical and Cultural Event ENGINIOUS. More than 3000 students are participated in this event per year	AMGOI	2014-16
2	Zonal coordinator of Mechfest (TECHFEST) in association with IIT Bombay and EI systems	AMGOI	2015-19
3	Organizing committee member of national level technical event REFLEX	AMGOI	2015-18
4	Organizing committee member for Students development program on EDM under lead college activity	AMGOI	2018
5	Organizing committee member for Students development program on Network, Fuzzy logic & Genetic algorithm in association with student chapter ISTE New Dheli.	AMGOI	2018
6	Organizing committee member for Two week faculty development program on “Renewable Energy Source: Past, Present and Future” organized by Department of Mechanical Engineering in association with all India council for technical education (AICTE), New Delhi, at Ashokrao Mane Group of Institution, Vathar, Kolhapur	AMGOI	2018
7	Coordinator for Faculty Development Program on “Soft Computing Techniques for Modeling and Optimization in Mechanical Engineering” under the Lead College Activity, Shivaji University Kolhapur.(13 th to 15 th March 2019)	AMGOI	2019
8	Organizing committee member for one week STTP on Mathematical Modelling, at Ashokrao Mane Group of Institution, Vathar, Kolhapur	AMGOI	2019
9	Co-coordinator for one week STTP on “Optimization techniques and Awareness on research” ” organized by Department of Mechanical Engineering in association with all India council for technical education (AICTE), New Delhi, at Ashokrao Mane Group of Institution, Vathar, Kolhapur	AMGOI	2020

➤ **Departmental Responsibilities:-**

1. Coordinator NAAC in criteria co-curricular and extra-curricular achievements
2. Coordinator of Mechanical Engineers Students Association (MESA)
3. MOU with Ceraflex Pvt. Ltd., Sona Industries, Powar equipment
4. Departmental Mid exam coordinator
5. Coordinator NBA in criteria no. 4

➤ **Other Experience/Responsibilities If Any :-**

Admission campaigning committee member

➤ **Professional Membership If Any:-**

ISTE Lifetime Member - LM 87026