

Faculty Profile:

Faculty Name	Mr. Patil Amar Kalgonda
Designation	Assistant Professor & Workshop Superintendent
Department	Mechanical Engineering
Mob No.	9096807394
Email ID	emec939akp@bmspmami.edu.in

Education Qualifications:

Degree	University	Class
ME Mechanical Production Engineering	AMGOI Vathar, Shivaji University	I
BE Mechanical Engineering	WIT Solapur, Solapur University	I

Professional Experience:

Total Experience : 15 years

Teaching: 14 years, Industry: 1 years, Research: 0

Organization	Post	Period
Ashokrao Mane group of Institutions	Assistant Professor	2021- till date
Orchid college of engineering	Assistant Professor	2017-2019
Sanjay Ghodawat polytechnic	Lecturer	2014-2016
Sanjay Ghodawat Institutes	Assistant Professor	2012-2014
Dr. J J Magdum Polytechnic	Lecturer	2011-2012

Subjects Taught:**Polytechnic :**

- Advanced Manufacturing Processes
- Production Engineering and Robotics
- Metrology and Quality Control
- Engineering Drawing
- Engineering Graphics

Undergraduate:

- Manufacturing Processes
- Industrial Management and Operations Research
- Manufacturing Engineering
- Tool Engineering
- Engineering Materials
- Engineering drawing

- Production Engineering

MBA:

- Business Intelligence Analytics (BIA)
- Operations Management (OM)
- Employability Skills (ES)
- Entrepreneurship Development (ED)

Project Work:

Undergraduate: Slotting attachment on milling machine

Postgraduate: Optimization of process parameters for tool wear and surface roughness in dry turning of TiAlN coated carbide inserts

Papers published in national and international conference / Journal:

Title	Name of conference/ Journal	Date
A review on optimization of process parameters for tool wear and surface roughness using coated carbide inserts	International journal for scientific research and development	April 2016
Optimization of process parameters for tool wear and surface roughness using TiAlN coated carbide inserts	International journal for scientific research and development	December 2016
Recent practices in solar energy	National conference on recent practices in conventional and non conventional energy resources	8&9 February 2013
“Impact of 5S on Productivity, Safety, Performance and organizational climate of Mechanical workshop”	International conference on Integrated Research & Sustainable Development ICIRSD 2025, hybrid mode, ISBN: 978-93-344-3977-9 AMGOI, Kolhapur.	Nov 2025

No of projects guided:

Polytechnic : 10

Undergraduate: 14

MBA: 08

STTP/ Workshop/ FDP Attended:

Name of FDP/ Workshop	Name of organization	Date
ISTE workshop on Aakash for education	SGI Atigre	10 & 11 November 2012
ISTE workshop on Engineering Thermodynamics	SGI Atigre	11 to 21 December 2012
FDP on MSBTE teaching and academic strategies	SGP Atigre	2 nd December 2014
National workshop on A hands on training on the effective use of ICT in Teaching Learning	College of pharmacy	5 & 6 January 2019

Short term training program through ICT mode on modern manufacturing systems	National Institute of technical teachers training and research kolkata	18 to 22 February 2019
Advances in Materials, Micro-Machining and Management practices	RIT Islampur	26 to 30 November 2018
FDP on Entrepreneurship development	MCED Kolhapur chapter	18 to 31 January 2013
Participated & successfully completed two weeks AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on “3D Printing and advanced Manufacturing”	DKTES Textile and Engineering Institute, Ichalkaranji.	Dec 2025
Participated & successfully completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on “Urban Development of Smart Cities and Mobility”	AMGOI, Kolhapur	2025
Participated & successfully completed one week FDP on “Sustainable Energy spectrum: Exploring trends and applications in renewable resources”	Army Institute of Technology, Pune.	Jan 2024

Programs Arranged:

Arranged three Entrepreneurship Development programs

- **Departmental responsibility:**

Website coordinator

NAAC / NBA Cr.4 Coordinator

T & P Coordinator

MESA Coordinator

- **Other responsibility:-**

- **Social contribution:** blood and plasma donor (48 Times)

- **Professional Membership:**

Life member of **ISTE** LM 109756

Life member of **IIPE** WA 1403