

## Faculty Profile

- **Faculty Name** : **Amar Kalgonda Patil**
- **Designation** : **Assistant Professor**
- **Department** : **Mechanical Engineering**
- **Mobile No.** : **9595789108**
- **Email Id.** : **akp@amgoi.edu.in**

### ● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- <b>Mechanical</b> Engineering	Solapur University, Solapur	First
2	M.E. – <b>Mechanical-Production</b> Engineering	Shivaji University, Kolhapur	First

### ● Professional experience:-

**Total experience in years:-14**

**Teaching: - 13**

**Industrial: -01**

**Research: -00**

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	01 April 2021 to Till Date
2	Shree Ganesh Engineering works , five star MIDC,Kagal, Kolhapur	Quality control engineer	September 2020 To February 2021
3	Iconic castings Pvt. Ltd at KATP,Tardal, Hatkanangle, Kolhapur.	Quality and Development Engineer	June 2019 to December2019
4	Sanjay Ghodawat group of institutions, Atigre	Assistant Professor	June 2012 to May 2019
5	Dr.J.J.Magdum polytechnic , Jaysingpur	Lecturer	July 2011 to April2012

### ➤ Subject Taught:-

<b>Undergraduate Subjects</b>			
1	Manufacturing Processes (MP)	2	Machine Drawing (MDR)
3	Manufacturing Engineering (ME)	4	Machine tools & Processes (MTP)
5	Tool Engineering (TE)	6	Industrial Management And Operations Research (IMOR)
7	Industrial Engineering and Management (IEM)	8	Quantitative Techniques in Project Management (QTPM)
9	Energy and Environmental Engineering (EEE)	10	Engineering Graphics (ENG)
11	Basic Mechanical Engineering (BME)	12	Interpersonal communication skills and self development (IPCSD)
13	Wind Energy (WE)	14	Basic Human Rights (BHR)
<b>Postgraduate Subjects</b>			

1	Lasers In Manufacturing		
<b>MBA</b>			
1	Operations Management	2	Business Intelligence Analytics
3	Employability Skills (ES)	4	Entrepreneurship Development (ED)

- **Project Work at U.G.:-** SLOTTING ATTACHMENT ON MILLING MACHINE.
- **Project Work at P.G.:-**
- **Research Area of Interest:-** OPTIMIZATION OF PROCESS PARAMETERS FOR TOOL WEAR AND SURFACE ROUGHNESS IN DRY TURNING OF HARDENED EN24 ALLOY STEEL USING TiAlN COATED CARBIDE INSERT.

- **Book Published :-** -

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Recent practices in solar energy	National conference on RPCNeR-2013	NC	February 2013	Volume 1 Issue 4
2	A Review on Optimization of Process Parameters for Tool Wear and Surface Roughness using Coated Carbide Inserts	IJSRD-International Journal for Scientific Research & Development	IJ	April 2016	Vol.4, Issue 02,  ISSN (online):2321-0613.
3	Optimization of Process Parameters for Tool Wear and Surface Roughness in Dry Turning of Hardened EN24 Alloy Steel Using TiAlN Coated Carbide Insert	IJSRD-International Journal for Scientific Research & Development	IJ	July 2016	Vol.4, Issue 05,  ISSN(online):2321-0613.

\* NJ- National Journal                      IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 24
- **No. of Project Guided at P.G. Level:-** 05 (MBA)
- **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Organized By	Duration
1	Participated FDP on “ <b>Entrepreneurship Awareness camp</b> ” organized	MCED Kolhapur sponsored by DST, Government of India.	15 days
2	Attended AICTE sponsored FDP on “ <b>Advances in materials, Micro-machining and Management practices</b> ”	RIT, Rajaramanagar, Islampur.	one week
3	Participated ISTE Workshop on “ <b>Engineering Thermodynamics</b> ”	Sanjay Ghodawat group of Institutions, Atigre. Conducted by IIT Bombay.	Two weeks
4	Participated ISTE Workshop on “ <b>Aakash for Education</b> ”.	Sanjay Ghodawat group of Institutions, Atigre. Conducted by IIT Bombay	Two days

5	Participated national workshop on <b>“A Hands on training on the effective use of ICT in Teaching Learning”</b>	DSTS Mandals College of Pharmacy, Solapur.	2 days
6	Participated FDP on <b>“Automation studio, power plant simulator witness and open CIM”</b>	Sanjay Ghodawat group of institution, Atigre.	1 day
7	<b>“Manufacturing system technology I &amp; II.”</b>	NPTEL online certification course	
8	Attended AICTE ISTE Program on <b>“Scope of IOT and its applications in automotive and agricultural industry”</b> ,	Government college of engineering, Avasari, pune.	one week
9	Participated workshop on <b>“Disruptive entrepreneurship ”</b>	KAdBGTCOE, Nashik	one week
10	Participated STTP on <b>“Advances in mechanical Engineering for sustainability”</b>	Engineering college Bikaner.	one week
11	Participated workshop on <b>“ Fundamentals of conventional machining”</b>	Central scientific instruments organization CSIO, Chandigarh.	one day
12	Participated webinar on <b>“ solar PV system technology”</b> .	SMSMPITandR, Akluj	one week
13	Participated FDP on <b>“ outcome based pedagogy for effective teaching and learning in engineering education”</b>	SKN Sinhgad college of engineering, Pandharpur.	one week
14	Participated AICTE STTP on <b>“ Innovative and Inventive problem solving”</b>	AISSM college of engineering, Pune.	one week
15	Participated AICTE ATAL Academy FDP on <b>“ Classical optimization techniques in manufacturing system”</b> ,	Guru Nanak institutions technical campus, Telangana.	one week
16	Participated & successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on <b>“Clean Energy Manufacturing: Transformation for Sustainable Development”</b>	DELHI TECHNOLOGICAL UNIVERSITY.	one week
17	Participated & successfully completed FDP on <b>“Ancient and computational Mathematics”</b>	AMGOI, Vathar, Kolhapur in association with ISTE chapter.	one day
18	Participated & successfully completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on <b>“Advanced Manufacturing of Biomedical Devices for Precision Health Technologies”</b>	at Indian Institute of Technology Tirupati.	one week

19	Participated & successfully completed AICTE ATAL Academy FDP on <b>“Advancing Energy storage: Technology, Integration and Implementation”</b>	SVERI’s College of Engineering Pandharpur.	one week
20	Participated & successfully completed FDP on <b>“Machine learning from novice to expert”</b> .	DKTES YCP, Ichalkaranji	three days
21	Participated & successfully completed AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on <b>“3D Printing and advanced Manufacturing”</b>	DKTES Textile and Engineering Institute, Ichalkaranji.	two weeks
22	Participated & successfully completed FDP on <b>“Sustainable Energy spectrum: Exploring trends and applications in renewable resources”</b>	Army Institute of Technology, Pune	one week
23	Participated & successfully completed FDP on <b>“ Outcome based education”</b> in line with NBA .	SIPT Polytechnic, Ahilyanagar	one week
24	Participated & successfully completed online FDP on <b>“Advances trends in Mechanical Engineering”</b>	K. S. R. M. College of Engineering , Kadappa, Andhra Pradesh.	five days
25	Participated Malviya Missions Teacher Training Program on <b>“NEP-2020 Orientation and Sensitization Program”</b>	Shri Guru Tegh Bahadur Khalasa college, University of Delhi.	one week
26	Participated & successfully completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on <b>“Urban Development of Smart Cities and Mobility”</b>	AMGOI, Kolhapur.	one week

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	Entrepreneurship Awareness Camp	SGI, Atigre	2012 to 2016
2	National Level Technical Event REFLEX Robo Race	AMGOI, Vathar	2022 Onwards
3	Annual Sports Kabbaddi	AMGOI, Vathar	2022 Onwards

➤ **Special Achievements :-**

➤ **Authorized trainer of MCED, Kolhapur**

➤ **46 Times blood donor**

➤ **Departmental Responsibilities-** Workshop Superintendent, Training & Placement coordinator, MESA coordinator, Internship Coordinator, Newsletter, Co curricular, Extracurricular activities, Website, NAAC Cr 5

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

➤ **Social Contribution If Any:-** Tree Plantation, Blood Donation

**1. Professional Membership If Any:-**

- Life member of Indian Society for Technical Education [ISTE].LM109756.

- Life member of Indian Institution of Production Engineers [**IPE**].WA7403.
- Life member of International Association of Engineers [**IAENG**]. 287436.