



Shri Balasaheb Mane Shikshan Prasarak Mandal's,
ASHOKRAO MANE POLYTECHNIC
Vathar Tarf Vadgaon, Tal. Hatkanangle, Dist. Kolhapur-416 112(Maharashtra)
Website:- www.amietv.org

Department of Automobile Engineering

Academic Year: 2024-25

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Semester: ODD/EVEN

Date:

Faculty Profile

Faculty Name: - Mr. Sunil Baburao Akiwate

Faculty designation: - Lecturer

Highest Qualification: -M. E. Mechanical-Product Design and Development

Experience Teaching Years:- 11 Year and 2 Months

Experience Industrial: -Nil

Additional information: -Worked as Junior Research Fellow, MSBTE Question Paper Setter, Moderation Incharge in RAC, Institute Public Relation Officer (**PRO**), Officer Incharge in MSBTE Exam, Controller and Observer in MSBTE Exam, Life time member of "Indian Society for Technical Education" (**ISTE**), Life time member of "International Association of Engineers" (**IAE**), Life time member of "International Society for Research and Development" (**ISR**D), Dept. NBA Coordinator, Faculty Development Coordinator, Additional FC incharge (DSY) .

NPTEL Courses: 1. "Advanced Materials and Processes", 14 Sept. – 04 Dec. 2020, Score: 58%, IIT Kharagpur.

2. "Engineering Drawing and Computer Graphics", 26 July – 15 Oct. 2021.

3. "I. C. Engines and Gas Turbines", 18 Jan. – 09 April 2021.

4. "Oil Hydraulics and Pneumatics", IIT Madras Registered ongoing.

Computer Courses: Completed certified course in **Solid Works 2016**

Date of appointment:-27/06/2018.



Subjects Taught: - Engineering Graphics, Engineering Drawing, Materials and Manufacturing Processes, Automobile Engines, Advanced Engine Technologies, Fundamentals of Automobile Engines, Theory of Machines, Automobile Body Engineering and Safety, Automobile Systems and Body Engineering, Hydraulic and Pneumatic Controls, Auto-CAD, Metallurgy, Solid Modelling, Management and Environmental Studies.

Training programs attended in last 2 Years:-

1. Participated & completed successfully One Week Online Faculty Development Program on “Outcome Based Education” arranged by S. P. I. T. Polytechnic, At- Kurund, Post-Ralegan Therpal, Tal- Parner, Dist—Ahmednagar.
2. Participated & completed successfully three days FDP on "Professional Ethics and Effective Teaching Methodology" held at AMP, Vathar.
3. Participated & completed successfully One Week online FDP on “Hydrogen Energy and Its Role in Future” organized by BSIET, Kolhapur.
4. Participated & completed successfully One Week National level online FDP on “Mastering Life Management” organized by BSIET, Kolhapur.
5. Participated & completed successfully One Week online FDP on “Enhancing Engineering Skills Using Software’s” Organized by AMP, Vathar.
6. Participated & completed successfully One Week online FDP on “NEP 2020- Amendment in Technical Education” Organized by AMP, Vathar.
7. Participated & completed successfully ISTE approved three days STTP on “Indian Electricity Market and Grid Management” Organized by AMP, Vathar.

Conference/ Seminars/Workshops attended: - 1. Attended presented research paper titled “Development of Honeycomb Sandwich Structure for Aeronautical Flooring Components” in **National Conference at Karad** during March 10-11, 2017.

2. Fifteen days training in **MENON BEARINGS LTD. GOKUL SHIRGAON.**

Paper published: - 1. Presented research paper titled “Development of Honeycomb Sandwich Structure for Aeronautical Flooring Components” in National Conference at Karad during March 10-11, 2017.

2. Published a research paper titled “Experimental Investigation of Bending Behaviour of Aluminium Alloy Honeycomb Sandwich Structure using Four Point Bending Tests”, in IJIRST Journal, Vol.4, June 2017.

Research/Development: -Worked as researcher on “**Smart Foundry- 2020**” Project of IIT **Mumbai.**

Projects Undertaken: 1. “Design and Development of Aluminium Alloy Honeycomb Sandwich Structure for Light Weight Application and Its Validation By ANSYS.”

2. “Generation of Refrigeration Effect by Using Windmill.”