

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: Mechanical Engineering.



Faculty Profile

Prof. Mahesh Shivaji Bhagwat

Qualification :	M.E.(Mechanical Design Engg),B.E.(Mechanical Engg.)
Designation :	Lecturer
Date of Joining :	24/12/2019
Experience :	1. Teaching: 3 Years 2. Industrial: 01 year
Teaching/research Areas :	Measurement, Mechatronics, Vibration Analysis, Finite Element Analysis, Machine Design.
Courses / Subjects Involved With :	List semester wise along with course name and code 1.Fundamental of Mechatronics-22048 2.Strength of Material -22306 3.Mechanical Engineering Material -22343 4.Renewable Energy and Technology-22661 5.Industril Engineering and Quality Control-22657
Staff training/FDP attended in last 3 years	1."Design and Development of Automated System using PLC" from 14/05/2021 to 19/05/2021 Sponsored by AICTE-ISTE INDUCTION/REFRESHER PROGRAM Organized by Department of Electrical Engineering, Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur. 2. AICTE-ISTE approved Orientation/Refresher Programme on "Introduction to Moodle for Teaching Learning Process" held during 05.04.2021 to 10.04.2021 organized by K. K. Wagh Polytechnic College, Nashik, and Maharashtra. 3."Emerging Trends in Industry" from 18th May 2021 to 22nd May 2021Organized by Department of Instrumentation & Control Engineering and Internal Quality Assurance Cell of MVPS's K.B.T. College of Engineering, Nashik (Maharashtra) 4. 'Static and Fatigue Analysis of Engineering System using ANSYS' jointly organized by SPCE, Mumbai and REC Rewa in collaboration with IIIE and SAE India Western Section from 23rd February to 28th February2021 under Twinning Activity. 5. AICTE –ISTE approved Orientation/Refresher Programme on "Environmental Challenges: Process and Pulp Industry" held during 16.03.2021 to 22.03.2021 organized by Government College of Engineering, Chandrapur, Maharashtra.

Paper presentation /conferences attended	<ol style="list-style-type: none"> 1."Analysis of heat transfer rate of shell and tube heat exchanger using Matlab code and CFD analysis "Recent advances in Mechanical Engineering"3rd national conference – RAME-17 at Dr,Vithalrao Vikhe Patil College of Engineering,vilad ghat;Ahmednagar,17-18February2017. 2."Modal Analysis Of Two Wheeler Chassis ",in the 5th Mechanical Engineering Post Graduate Student's Conference MECHPGCON-2019 organized by Amrutvahini College Of Engineering ,Sangamner under the Savitribai Phule Pune University ,Pune,june21-22,2019. 3."Design and experimentation Analysis Of Vapour Absorption AC System" in the two day National Level Conference on "Advances in Engineering and Management at Sanjivani college of Engineering, Kopargaon, 28-29 December 2018. 4. Two days National Level workshop "RAPID PROTOTYPING "at Dr.Vithalrao Vikhe Patil College of Engineering, Ahmednagar. 5. Two Days National Level "VISHWAPRENEUR I7" Entrepreneurial convention at Vishwakarma Institute of Information Technology, Pune.
Paper published in journals	-----
Books published with ISSN/ISBN number :	-----
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	Worked as Office- In-charge in winter 2021 MSBTE Online Examination
List of Projects guided at diploma level last 3 years	<ol style="list-style-type: none"> 1. Automatic open and closed door mechanism using Mechatronics. 2. Button operated gear shifter for handicap person 3. Vertical Axis wind turbine for electricity production 4. Design and manufacturing a prototype of jet engine 5. Design and manufacture root lifter machine in orchid field
Role and responsibilities at institute level	<ol style="list-style-type: none"> 1.NBA Criterion 2 member 2.DSY Admission Coordinators
Role and responsibilities at department level	<ol style="list-style-type: none"> 1.Lecturer 2. NBA Criterion 2 member 3. DSY Admission Coordinators 4. Result Analysis Coordinators 5. Poster competition Coordinators
Major achievements in last 5 years	-----
Professional membership if any	ISTE Life Membership,New Delhi
Additional information/ Research project	<ol style="list-style-type: none"> 1. "Dynamic analysis of two wheeler chassis an experimental approach". 2. To develop the Hybrid electric vehicle.

	3. Design Development and Vibration Analysis of Automotive Headlamp.
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