

Personal Profile



Name: Gunwant Devidasrao Shelake

Current Designation: Asst. Professor

Highest Qualification: ME (Manufacturing).Ph.D.(Appr.) **Discipline:** Production Engineering

Qualification	Course Name	Branch/Discipline	University/Board	Year of Passing	% Marks
Doctorate	Ph.D.	Mechanical	Amrita University Chennai	pursuing	Appeared in 2023
PG	ME	Manufacturing	Dr.BAMU, Aurangabad	2013	63.69 % First Class
UG	BE	Production	Bharti Vidyapeeth's COE. Pune Pune University Pune.	2004	70.13% Distinction
HSC	HSC	Science	Nasik Div.Board	2000	69.14% First Class
SSC	SSC		Nasik Div.Board	1998	75.20% Distinction

Work Experience Details		
Experience Type	Experience	Designation/Organization
Industrial	2 years 6 months	Production Engineer Kinetic Engineering Ltd.Pune
Teaching	2 Years,2 months (Addhock) 12 years,07 Months (Approved)	Asst. Prof. MSS's College Of Engineering & Tech. Jalna
Teaching	From 27/12/2021 to Till Date 2 Years 6 Months	Asst. Prof. JSPM's Rajarshi College of Engineering,Tathwade,Pune

Project	
Project Name: Static Analysis Of Steering Arm using FEA	
Team Size: 02	Project Duration in weeks:06
Client: UG level	Tools & Technologies used:
Roles & Responsibility: Team member : Analyzing & Designing, Monitoring & Testing Project Description: Analysis of Steering Arm	IDEAS-08 modeling and analysis software.
Name: Control of CNC milling operation Seminar under varying cutting conditions.	
Team Size: 01	Project Duration in weeks: 04
Client: UG level	Tools & Technologies used:
Roles & Responsibility: Literature rewive and report presentation. Seminar Description:	
Project Name: LASER Micro drilling	
Team Size: 01	Project Duration in weeks: 3
Client: PG Level	Tools & Technologies used:
Roles & Responsibility: Project Description: Review of working and applications of LASERS in micro drilling.	-
Project Name: MODELING AND ANALYSIS OF SURFACE GRINDING	
Team Size: 01	Project Duration in weeks: 52
Client: PG Level	Tools & Technologies used:
Roles & Responsibility: Modeling, Simulation and Analysis of Surface Grinding Process. Project Description: A finite element thermo mechanical model is proposed for analysis of effect of input like Speed, Feed rate and Heat Flux, constraint, Coolant on Temperature distribution and Residual Stresses.	ANSYS 13.0 MINITAB 16

Major Roles & Responsibilities	
• Department ERP coordinator	RSCOE, Mechanical Department ERP Coordinator, Dec.23 to Till date
• Department Academic Coordinator	RSCOE, Mechanical Department Academic Coordinator, Apr.2023- Dec.23
• CONTINEO & Exam coordinator	Worked as Department level CONTINEO & Exam Coordinator for B. Tech Final Year May-2023 to Dec.2023
• NBA Criterion In-charge	Worked for NBA Criterion, for UG and PG Programs.
• ISE/Term Work Coordinator	ISE and Term Work Marks Coordinator for B.E Mech SPPU, Jan.2022 to Dec..2022
• Chief Superintendent	Dr. BAMU Examinations May/June 2012, Nov./Dec.2012, May/June 2013, Dec./Jan. 2013-14.
• Oral/Practical Exam. Coordinator	Nov/Dec.2009,May/June 2008
• Term Work Coordinator	May/June 2008, Nov./Dec. 2008, Nov/Dec 2009, May/June 2010, Nov/Dec 2010, May/June 2011
• Industrial visit coordinator	Arranged Visit at industries such as Laxmi Machine Works. Coimbatore, Tamilnadu etc
• ARC coordinator	Application Receipt Confirmation for FE Online Centralized Admission Process.
• Admission Coordinator	First Year Admission Process 2008-09, 2009-10, 2010-11, 2011-12,2017-18,2018-19,2019-20.
• NBA Coordinator	Student data
• Member of CAS	Paper Assessment Engg. Exam Dr, BAMU Aurangabad ,Nov/Dec 2008, May/June 2009
• Member of Regional Assessment Centre	Government Polytechnic Jalna, winter 2007
• Sports In charge	College Sports In charge 2007-2008

• Cultural In charge	College Cultural In charge 2008-2009
• Student Council In Charge	Student Council In charge 2008-2009
• Vehicle In charge	College Vehicle In charge 2011-2012
• Paper Setter	Dr. BAMU Aurangabad May/June 2013
• P.G. Coordinator	Coordinator for M.E.(Mech.) 2014-15
• F.C. Incharge	In charge of Facilitation Center (2138) for Engineering Admissions 2016-17,2017-18,2018-19,2019-20

Membership:-

- Indian Society for Technical Education (ISTE) life time membership

Convention:-

- 14th State Level ISTE Convention at JNEC Aurangabad on 18th Feb.2011

Workshops:-

- One Day Workshop on “Workplace Management-The Five S Ways” on 12th Aug.2007 at MSSCET, Jalna
- Two Days Workshop on “Effective Teacher” on 18th & 19th Aug.2007 at JES College, Jalna
- Two Days Indo-US Workshop on “Fabronics” on 20th & 21st Dec.2010 at JNEC, Aurangabad.
- National Workshop on Modelling, Analysis and applications of Advanced Operation Research Techniques. On 22nd Aug. to 27th Aug 2011,Orgnized by MSRIT, Bangalore and sponsored by Department of Science and Technology, New Delhi.

National Conferences:-

- “Selection of Welding Parameter for better weldability of materials.” on 28th & 29th Jan.2011 at TPCT’s College Of Engineering, Osmanabad.
- “Applications of sensors for in process monitoring in surface grinding process-A Review” on 28th & 29th Jan.2011 at TPCT’s College of Engineering Osmanabad
- New trends in supply chain management, marketing channels of distribution, logistics and purchasing.” On 11th March 2011 at Shree L. R. Tiwari College of Engineering Mira Road.
- “New Trends in supply chain management.” On 1st March 2011 at Hi-Tech Group of Institutions Aurangabad.

International Publications :-

- **“HEAT TRANCFER ENHANCEMENT OF HEAT EXCHANGERS USING NANOFLUIDS:A REVIEW OF RECENT DEVELOPMENS AND FUTURE PRESEPECTIVES”**, International Conference on Innovations in Science, Hybrid Materials, and Vibration Analysis:ICISHVA2022,16-17July,2022,Vol. 2839,ISSUe 1, Published on 29 Sep.2023
 - **“DESIGN AND DEVELOPMENT OF AUTONOMOUS FARMING WITH PLANT HEALTH INDICATION SYSTEM”**,International Journal of Advnced Research,Communication and Technology,Volume 3,Issue 3,June 2023,ISSN 2581-9429.
 - **“GRASS CUTTING MACHINE USING SOLAR PANELS”**,International Journal of Engineering Technlgy,Research& Management, volume 7,Issue 6,June 2023,ISSN 2456-9348
 - **“EXPERIMENTAL INVESTIGATION OF ALUMINUM 7075 USING DRY,WET AND MQL CONDITIONS”**, International Research Journal of Engineering and Technlgy, Volume 6,Issue 10,Oct. 2019,ISSN 2395-0056
 - **“OPTIMIZAION AND ANALYSIS OF TOOL SHAPE AND SIZE FACTOR IN ELECTRICAL DISCHARGE MACHINEING OF AIMMC-A REVIEW”**, International Journal of Engineering Technlgy & Research,Volume 4,Issue 2,March-Apr.2017.
 - **“MODELING AND ANALYSIS OF SURFACE GRINDING FOR RESIDUAL STRESSES IN WORKPIECE”** *International Journal of Mechanical Engineering & Technology (IJMET) Volume 3, Issue 3, September-December (2012) Journal Impact Factor (2012): 3.8071* Calculated by GISI, ISSN Print: ISSN 0976 – 6340 ISSN Online: ISSN 0976 – 6359
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- **“MODEL FOR PREDICTION OF TEMPERATURE DISTRIBUTION IN WORKPIECE FOR SURFACE GRINDING USING FEA”** *International Journal Of Advanced Research In Engineering & Technology (IJARET) Volume 3, Issue 2 (July-December 2012)* **Journal Impact Factor (2012): 2.7078** Calculated by GIS, **ISSN Print: ISSN 0976-6480 ISSN Online: ISSN 0976-6499**
- **“EFFECT OF HEAT INPUT AND SPEED OF WELDING ON DISTORTION IN MIG WELDING”** *International Journal Of Industrial Engineering Research And Development (IJIERD) ISSN 0976 – 6979 (Print) ISSN 0976 – 6987 (Online)* Volume 3, Issue 2, July-December (2012), pp. 42-50 **Journal Impact Factor (2012): 2.3810** (Calculated by GIS)
- **“FINITE ELEMENT MODEL TO PREDICT RESIDUAL STRESSES IN MIG WELDING”** *International Journal Of Mechanical Engineering And Technology (IJMET) ISSN 0976 – 6340 (Print) ISSN 0976 – 6359 (Online)* Volume 3, Issue 3, September - December (2012), pp. 350-361, **Journal Impact Factor (2012): 3.8071** (Calculated by GIS)

Subject Taught:-	
•	F.E.:- Engineering Graphics, Elements Of Mechanical Engineering
•	S.E.:- Manufacturing Processes, Machine Tools, Mechanisms of Machines.
•	T.E.:- Machine Design I, Machine Design II.,MSD,AMP
•	B.E.:- Power Plant Engineering, Operation Research, Industrial Engineering.

Personal Details	
Date of Birth	: 03 Dec.1981
Gender	: Male
Language Known	: <input type="checkbox"/> English <input type="checkbox"/> Hindi <input type="checkbox"/> Marathi
Permanent Address	: At. Post: Ambe Vadgaon, Tal.: Pachora Dist.: Jalgaon (Maharashtra) 424202
Mobile No	: +919423251579/7218280497
Landline No	:
E-Mail ID	: gunwantshelake@gmail.com

Date _____/_____/_____

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