

## STAFF PROFILE



**Mr. Rajesh Sambhaji Godse**

Assistant Professor

Mechanical Engineering

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*Date of Joining*  
15/06/2017

*Nature of Appointment*  
Contractual

### Educational Details

Qualification	Degree	University	Grade	Year
PG	M.E. DESIGN ENGINEERING	SPPU	7.930	2015
PG	M. TECH, ENERGY	SPPU	6.8	2008
PG	MBA OPERATIONS	SHIVAJI UNIVERSITY KOLHAPUR	61.31	1999
Graduation	BE	SHIVAJI UNIVERSITY KOLHAPUR	66.00	1996
Diploma	PRODUCTION TECHNOLOGY	BOARD OF TECHNOLOGY MUMBAI	65.92	1993

### Areas of Interest

Project Topic Details:

- 1 A study on energy efficiency improvement for machine tools like lathe, drilling and milling. This applies for turning, regular drilling, face/end milling or deep hole machining. A new acceleration control methods to be developed to reduce energy consumption by synchronizing spindle acceleration with feed system.
- 2 Energy Audit of a Building - Energy Audit and Saving Analysis Scope - Universities, Corporate offices, Showrooms , Multiplexes etc
- 3 A Techno-economic Analysis of a residential Solar Photovoltaic System The aim of this study is to research on whether or not a solar PV system is economically viable under certain circumstances. It includes PV system pricing
- 4 Implementation of Quality Control in order to assure the quality of a Manufacturing process within a Production line The role of quality should be highlighted in order to produce more error-free products, using cost-effective methods and tools.
- 5 Wear Testing of High-alloy Carbon Steel Used in Mining Tools Wear testing methods to be compared: a pin-on-disk apparatus, a dry/wet sand/rubber wheel, a dry/wet sand/steel wheel, a tumbling mill, a particle erosion rig, a solid particle impingement using gas jets and a grinding machine.
- 6 Total quality management as applied to service sector with relevance to Indian situations Use of quality tools like Charts, Diagrams, Correlation, Regression, Statistical Quality Control, and the simultaneous application of an effective employee involvement.
- 7 Environmental Impacts and Siting of Wind Projects How wind projects provide a net environmental benefit to the communities in which they operate and to the nation overall.
- 8 Next-Generation Wind Technology To increase the performance and reliability of next-generation wind technologies while lowering the cost of wind energy. Generation Technology Development and Manufacturing which includes Prototype Development.
- 9 Enhancing the productivity in Automobile Industry Project includes the improvement of productivity and cycle time for manufacturing activities, with special emphasis on production planning, concurrent engineering, design with remote partners,
- 10 Exhaust Energy Recovery- turbo compounding in heavy-duty applications including both agricultural tractors and on-highway trucks. Projects involve the combustion of alternative liquid fuels for automotive.
- 11 Large-scale, robotic additive manufacturing technology Rapid manufacture of metal components focus on increasing throughput while lowering costs and improving the quality of large-scale additively manufactured metallic structures essential for multiple industrial applications.

### Experience Details

Total : 20.00 years	Teaching : 19.00 years	Research : 0.00 years	Industry : 1.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Industrial	1.00 Years 1996-97	TRAINEE ENGINEER MAHARASHTA SCOOTERS LTD SATARA	MAINTENANCE OF GENERAL PURPOSE MACHINES.
Educational	8.00 Years 18/08/2000 TO 06/08/2008	LECTURER PDEA' S COLLEGE OF ENGINEERING HADAPSAR PUNE	LECTURER IN MECHANICAL ENGINEERING
Educational	1.00 Years 8/08/2008 TO 18/06/2009	ASSISTANT PROFESSOR G H RAISONI COLLEGE OF ENGINEERING AND RESEARCH PUNE	ASSISTANT PROFESSOR IN MBA
Educational	3.50 Years 20/06/2009 TO 08/09/2012	ASSISTANT PROFESSOR TRINITY INSTITUTE OF MANAGEMENT AND RESEARCH PUNE	ASSISTANT PROFESSOR IN MBA
Educational	2.50 Years 10/09/2012 TO 31/05/2014	ASSISTANT PROFESSOR UNIVERSAL COLLEGE OF ENGINEERING & RESEARCH PUNE	ASSISTANT PROFESSOR IN MECHANICAL ENGINEERING
Educational	4.00 Years 05/06/2014 TO TILL DATE	ASSISTANT PROFESSOR ARMY INSITUTE OF TECHNOLOGY PUNE	ASSISTANT PROFESSOR IN MECHANICAL ENGINEERING

### Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator
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### Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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### Professional Memberships

Society	Membership No	Duration	
ISTE	LM 37397	20/06/2003	19/06/2040

### Achievements/ Contribution

Year	Details
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**No of PhD Students Guided :** 0      **No of PG Students Guided :** 0  
**No of PhD Awarded Students :** 0