

## Curriculum Vitae

**Name :** Prof. Prashant S. Kulkarni

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Osmanpura, Chhatrapati Sambhajnagar

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**Mobile:** 9921854178

**Date of Birth:** 20/06/1983



### Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
PhD	Mechanical Engineering	Dr Vishwanath Karad MIT WPU Pune	Dr Vishwanath Karad MIT WPU Pune	2025		Pursuing
M.E.	Mechanical – Design Engineering	Walchand Institute of Technology Solapur	Punyashlok Ahilyadevi Holkar Solapur University	2010	71.89	First class with distinction
B.E.	Production	Shyamlal College of Engineering Udgir	Swami Ramanand Teerth Marathwada University Nanded	2006	60	First Class
HSC	HSC	Mahatma Gandhi Mahavidyalay Ahmedpur	Maharashtra Board of Higher Secondary Education, Latur.	2000	66	First Class

SSC	SSC	Yeshwant Vidyalaya Ahmedpur	Maharashtra Board of Secondary Education, Latur.	1998	77.20	First class with distinction
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### Career Highlights

Completed a project on Damage Detection Techniques using FFT Analyzer at PG level titled 'Modal Analysis of Crankshaft to Identify Its Structural Integrity by Using Distribution Pattern of Natural Frequencies'.

### Overall Industrial Experience

Worked as a Production Engineer in Tower Mechanics Pvt Ltd Aurangabad for Six Months from 20/7/2006 to 17/12/2006

### Overall Teaching Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Maharashtra Institute of Technology Aurangabad	Assistant Professor	7/7/2008	Till date	16

### Overall Administrative Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	MIT Aurangabad	Central AICTE Coordinator	1/9/2015	31/12/2020	5.3
2	MIT Aurangabad	Member of Committee for Preparation of Proposal for Grant of Autonomy to MIT Aurangabad	2019-20	2019-20	1

### Membership of Professional Bodies

- ISTE Life Membership
- Member of Institution of Engineers (M – 156153-1)

### Research Project/Project Guided

M Tech Mechanical Course at MIT Chhatrapati Sambhajinagar (Aurangabad)

Sr. No	Name of the Student	Dissertation Title	Year
1	Mr. Bhushan Golecha	Design, Analysis and Optimization of 10 TON Pneumatic Press Machine	2017-18
2	Ms. Radhika Chavan	Die Design and Optimization of Cooling Channel Position for Cold Chamber High Pressure Die Casting Machine	2019-20
3	Mr. Siraj Chabru	Thermal Analysis and Computer Aided Exhaust Valve Design Automation Using CREO and Microsoft Excel Spreadsheet	2021-22

### Computer/Software Proficiency

- 'C' Language Programming

### Lecture Series Organized/Industrial Training/Seminar/Workshop Attended

- Attended a training program on Hypermesh software.
- Arranged a Industrial visit to Tata Autocomps Ltd. Pune in September 2013.
- Attended a Two Week TEQIP sponsored STTP on Research Methodology at GEC Aurangabad from 1/1/2014 to 7/1/2014.
- Attended a one week STTP on ' Mathematical Modelling' at SVNIT Surat from 21 to 25 June 2016.
- Attended a one week STTP on ' Advances in Materials' at SVNIT Surat from 10 to 14 October 2016.
- Completed a 4 week duration NPTEL online course on "Teaching And Learning in Engineering (TALE)" from 25 February 2019.
- Completed a 8 week duration NPTEL online course on "TALE 2: Course Design and Instruction of Engineering Course" from 29th July 2019.
- Arranged a Industrial visit to Mahananda Dairy Plant, Gandheli, Aurangabad on 7/10/2019.
- Arranged a Industrial visit to Mahananda Dairy Plant, Gandheli, Aurangabad on

4/10/2018

- Attended a one week Technical Symposium on “Advances in Materials and Manufacturing Engineering” organised by Department of Mechanical Engineering and Basic Sciences and Humanities, G.S. Mandal’s Maharashtra Institute of Technology, Aurangabad, from 30 June to 4 July 2020.
- Attended a one week faculty development programme on ‘Outcome Based Education’ organized by department of chemical engineering, Pravara Rural Engineering College Loni from 21<sup>st</sup> to 25<sup>th</sup> March 2022.

### **Contributions at MIT, Aurangabad**

Academic:

Taught various subjects like ACS, Mechatronics, CAD/CAM, CAEA, PM, IM, IE, DME - I

Extra Curricular:

- Departmental coordinator for arranging Expert Lecture and Industrial Visits
- Carried out the process of signing a MoU between CAD CAM GURU Pune and Department of Mechanical Engineering, Maharashtra Institute of Technology Aurangabad.

Co-Curricular: Arranged the Web based training (WBT) at Endress+Hauser (I) Automation Instrumentation Pvt. Ltd. Aurangabad for students of B Tech Mechanical 2013-14.

Any other special contribution

### **List of Research Publications /Books**

#### **Papers in National Conference Proceedings**

- P.S. Kulkarni, K.S.Mangrulakar 2010, “Structural Integrity Identification of Crankshaft (maruti wagon R model) by using distribution pattern of natural frequencies over it” National Level Conference at SVERI’S COE Pandharpur, “YANTRA 2010” .
- P.S.Kulkarni, Bhushan Golecha , Design, Analysis And Optimization of 10 Ton Pneumatic Press Machine : A Review, International Journal of Advance Research And Innovative Ideas In Education, Volume-3 Issue-1 2017. Paper Id : 3686 ISSN(O) : 2395-4396
- P.S.Kulkarni, Radhika Chavan 2018, " A Review on Pressure Die Casting Technology and Recent Developments in Die Design" STM journal "Trends in

Mechanical Engineering and Technology" ,ISSN: 2231-1793 (Online), ISSN: 2347-9965 (Print) Volume 8, Issue 2

- P.S.Kulkarni, Bhushan Golecha, Design, Analysis and Optimization of 10 TON Pneumatic Press Machine, International Journal of Advanced Research in Science, Engineering and Technology, Vol. 4, Issue 3, March 2017, ISSN: 2350-0328.
- P.S.Kulkarni, Radhika Chavan 2019, “Die Design and Optimization of Cooling Channel Position for Cold Chamber High Pressure Die Casting Machine”, 2nd International Conference on Emerging trends in Manufacturing, Engines and Modelling (ICEMEM -2019) on 23rd - 24rd December 2019 organized by Department of Mechanical Engineering, Mukesh Patel School of Technology Management and Engineering, SVKM'S Narsee Monjee Institute of Management Studies (Mumbai and Shirpur Campus).
- P.S. Kulkarni, Siraj Chabru 2021, "Thermal Analysis and Computer Aided Exhaust Valve Design Automation Using CREO and Microsoft Excel Spreadsheet", Trends in Machine Design, eISSN – 2455-3352, year 2021, volume 8 , Issue 1.

Date: 10.2.2026

Place: Chhatrapati Sambhajinagar (Aurangabad) Maharashtra.