

## RESUME

**Name: Abhijit Shaligram Kousal**



**Designation:** Assistant Professor

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**Contact No:** 9765015437

### **Educational Qualification:**

Currently pursuing a Ph.D. at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Chh. Sambhajinagar). Completed a Master of Engineering in Heat Power Engineering and a Bachelor of Engineering in Mechanical Engineering from the same University.

### **Working Experience**

<b>Sr. No.</b>	<b>Experience Type</b>	<b>Institute / Company Name</b>	<b>Graduate / Post Graduate Level</b>	<b>Designation</b>	<b>From</b>	<b>To</b>
1.	Teaching	Government College of engineering Aurangabad, Chh. Sambhajinagar	Under Graduate	Assistant Professor	June 1, 2023	Till date
2.	Teaching	Government College of engineering and research, Awasari [Kh.], Pune	Under Graduate	Assistant Professor	June 17, 2017	May 31, 2023
3.	Teaching	MIT, Aurangabad	Under Graduate and Post-Graduation	Assistant Professor	July 15, 2014	June 16, 2017
4.	Teaching	MIT, Aurangabad	Under Graduate	Assistant Professor	July 1, 2009	July 14, 2014
5.	Teaching	Anuradha college of Engineering, Chikhali, Buldhana	Under Graduate	Lecturer	July 1, 2008	June 30, 2009

## M. Tech. Supervision [2]

1. Experimental study of Hard Turning of Automotive Gear Component Using CBN Tool.
2. Study of cyclic oscillation and hot Corrosion of 310 Stainless Steel under the environment of  $\text{Na}_2\text{SO}_4 + \text{V}_2\text{O}_5$  at temp 650-750°C and 900-950°C

### Research Publications / Presentation/ International Conference Proceedings

Title of Paper	Name of Conference / Journals in which/where published	Year of Publication
Hard Turning of 20Mn5Cr5 Steel with PCBN Tool as an Alternative to Grinding	6 <sup>th</sup> International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra,	December 16-18, 2016
Thermal Energy Storage: A Review	Journal of Mechanical and Civil Engineering (IOSR-JMCE)	Jun. 2016

### MOOC / NPTEL Certification

Sr. No	Title	Name of College / University	Duration and Dates
1.	Design and optimization of energy System.	Indian Institute of Technology, Madras, India	April 1 to April 15, 2015. [2 weeks]
2.	Heat Exchanger-Fundamentals and Design analysis	Indian Institute of Technology, Madras, India	July-October 2018 (1Week)
3.	Energy Conservation and Waste Heat Recovery	Indian Institute of Technology, Madras, India	July-October 2019 (1Week)
4.	Design Practice	Indian Institute of Technology, Madras, India	July-September 2019 (1Week)
5.	Interfacial Fluid Mechanics	Indian Institute of Technology, Madras, India,	June-October 2022 (1 Week)
6.	Research Methodology and Statistical Analysis	Indira Gandhi National Open University, New Delhi	June-March 2022 (2 Week)

**Mandatory Technical Teachers Training modules [AICTE –NITTT registration number 20202101702]**

<b>Sr. No</b>	<b>Name of the Module</b>	<b>Name of College / University</b>	<b>Duration</b>
1.	Module 1: Orientation Towards Technical Education and Curriculum Aspects	AICTE -NITTT	March to June 2021
2.	Module 2: Professional Ethics and Sustainability	AICTE -NITTT	March to June 2021
3.	Module 3: Communication Skills, Modes and Knowledge Dissemination	AICTE -NITTT	March to June 2021
4.	Module 4: Instruction Planning and Delivery	AICTE -NITTT	March to June 2021
5.	Module 5: Technology Enabled Learning and Life Long-Learning	AICTE -NITTT	March to June 2021
6.	Module 6: Student Assessment and Evaluation	AICTE -NITTT	March to June 2021
7.	Module 7: Creative Problem-Solving Innovation and Meaningful R & D	AICTE -NITTT	March to June 2021
8.	Module 8: Institutional Management and Administrative Procedure	AICTE -NITTT	<b>March to June 2021</b>

**Workshops/ Seminars/ Trainings**

<b>Sr. No</b>	<b>Title of workshop / training</b>	<b>Organizing Institute</b>	<b>Duration and Dates</b>
1.	Engineering Thermodynamics [sponsored by HRD]	Indian Institute of Technology, Powai, Mumbai	December 10 to December 22, 2013.
2.	Fluid Mechanics [sponsored by HRD]	Indian Institute of Technology, Khargapur	May 5 to May 17, 2014.
3.	Two-Week ISTE STTP on “Effective Mentoring of Online Students in	Indian Institute of Technology, Powai, Mumbai	April 1 to April 15, 2015.

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	Thermodynamics. [sponsored by HRD]		
4.	Fluid Flow Behavior Using Computational Method	VJTI, Mumbai	28th December 2015 to 1nd January 2016
5.	Pedagogy for Online and Blended Teaching learning Process	IIT Bombay-AICTE approved	3 May-30 May 2018 (2 Week)
6.	Foundation Program in ICT for Education	IIT Bombay-AICTE approved	8 March-12 April 2018 (2 Week)
7.	Engineering Design Optimization Including Multi-Disciplinary Optimization	VNIT Nagpur under TEQIP-III sponsored	4 June-8June-2018 (1 Week)
8.	Pedagogy for Online and Blended Teaching learning Process	IIT Bombay-AICTE approved	3 May-30 May 2018 (2 Week)
9.	Foundation Program in ICT for Education	IIT Bombay-AICTE approved	8 March-12 April 2018 (2 Week)
10.	Nano-materials-Synthesis, Properties and Characterization	COEP, TEQIP-III sponsored	16 Dec-20 Dec 2019 (1 Week)
11.	Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials	Government of India, Indian Institute of Remote Sensing, Indian Space Research Organization.	13-06-2020 to 01-07-2020 . (Online) (2 weeks)
12.	Computational Fluid Dynamics	AICTE Training and Learning (ATAL) Academy, at Govt College of Engineering and ResearchAvasari.	28-02-2020 to 10-02-2020 (1 weeks)
13.	Incubating Universal Human Values in Technical Education	All India Council for Technical Education (AICTE), New Delhi.	28 July – 1 August, 2020 (1 weeks)

## COURSERA Certification

Sr. No	Title of Courses	Self pace course University /Institute	Self pace course Year of completion
1.	Introduction to Engineering Mechanics	Georgia Institute of Technology	Jan 2020 to August 2020
2.	Applications in Engineering Mechanics	Georgia Institute of Technology	Jan 2020 to August 2020
3.	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Georgia Institute of Technology	Jan 2020 to August 2020
4.	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Georgia Institute of Technology	Jan 2020 to August 2020
5.	Mechanics of Materials III: Beam Bending	Georgia Institute of Technology	Jan 2020 to August 2020
6.	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	Georgia Institute of Technology	Jan 2020 to August 2020
7.	Engineering Systems in Motion: Dynamics of Particles and Bodies in 2D Motion	Georgia Institute of Technology	Jan 2020 to August 2020
8.	Advanced Engineering Systems in Motion: Dynamics of Three Dimensional (3D) Motion	Georgia Institute of Technology	Jan 2020 to August 2020
9.	Introduction to Thermodynamics: Transferring Energy from Here to There	University of Michigan	Jan 2020 to August 2020
10.	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Autodesk	Jan 2020 to August 2020
11.	Modeling and Design for Mechanical Engineers with Autodesk Fusion 360	Autodesk	Jan 2020 to August 2020
12.	Simulation Analysis for Mechanical Engineers with Autodesk Fusion 360	Autodesk	Jan 2020 to August 2020
13.	CAM and Design Manufacturing for Mechanical	Autodesk	Jan 2020 to

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	Engineers with Autodesk Fusion 360		August 2020
14.	Solar Energy Basics	The State University of New York	Jan 2020 to August 2020
15.	Machine Design Part I	Georgia Institute of Technology	Jan 2020 to August 2020
16.	Autodesk CAD/CAM/CAE for Mechanical Engineering	Autodesk, Inc.	Jan 2020 to August 2020

#### **Membership of Professional Bodies**

- Senior Life Member of Indian Institution of Industrial Engineering having membership number SMIE 10525 (23)
- Life Member of Indian Society for Technical Education having membership number LM-108804

**Signature**

**Date:**

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**Mr. Abhijit Shaligram Kousal**