

	Name	Mr. Sanket Shashikant Unde
	Designation	Assistant Professor
	Department	Mechanical Engineering
	Qualification	M.Tech (CAD CAM)
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	Experience	Teaching :02 Years

Area of Interest	CAD CAM	
Publications	International Journals: 01	National Journals (s): 01
Publication Details	<p>Surve ML, Unde SS, Sutar KB, Dhurpate P, Kumbhar DG. (2021) Computational Studies on Airfoil for Micro-Capacity Horizontal Axis Wind Turbine. <i>Indian Journal of Science and Technology</i>. 14(29):2427-2438. https://doi.org/10.17485/IJST/v14i29.824</p> <p>Sanket S. Unde, Kailasnath B. Sutar. (2018) CFD Analysis of Wind Turbine Airfoil. JETIR, Volume 5, Issue 6, Page no.488-492</p>	
Project Undertaken	<p>M.Tech. Project TITLE: “Development of a Micro-Capacity Wind Turbine for Domestic Application” Description: It is proposed to develop a micro capacity wind turbine for domestic application with reference to Metrology data of Pune region, wind turbine design for maximum lift-to-drag.</p> <p>B.Tech. Project TITLE: “Development of an Apparatus for Fluid Flow Analyse” Description: In this experimental setup the following experiment are conducted:-</p> <ul style="list-style-type: none"> ➤ Determine the coefficient of discharge (C_d) for orifice meter. ➤ Determine the coefficient of discharge (C_d) for venturi meter. ➤ Perform the Reynolds experiment for determination of different regimes of flow. ➤ Determine the major losses of pipes. ➤ Determine the minor losses of pipes. <p>We are design the assembly of the experimental setup.</p>	
Curricular Activities	<ol style="list-style-type: none"> 1. NPTEL Online Certification for successfully completing the course of Understanding Design, from Feb-Mar 2021 2. NPTEL Online Certification for successfully completing the course of Computational Fluid Dynamics for Incompressible Flow, from Jan-Apr 2020 3. NPTEL Online Certification for successfully completing the course of Non Traditional Abrasive Machining Processes Ultrasonic, Abrasive Jet and Abrasive Water Jet Machining, from Jan-Feb 2020 4. NPTEL Online Certification for successfully completing the course of Solid Mechanics, from Jun-Oct 2019 	

<p>Workshop/ Seminar attended</p>	<ol style="list-style-type: none"> 1. AICTE Training and Learning (ATAL) Academy online FDP on ‘Recent Advances in Mechanical Engineering Design’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 20.07.2021 to 24.07.2021 2. AICTE Training and Learning (ATAL) Academy online FDP on ‘Robotics’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 24.11.2020 to 28.11.2020 3. One Week Faculty Development Programme On ‘Research in Energy Technologies’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 06.07.2020 to 11.07.2020 4. One Week Faculty Development Programme On ‘Research Opportunities in Advanced Manufacturing Processes’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 22.06.2020 to 28.06.2020 5. One Week Faculty Development Programme On ‘Future Material: Nanocomposites’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 15.06.2020 to 21.06.2020 6. India First Leadership Talk Webinar organized by MHRD’s Innovation Cell, successfully attended on 2nd,9th,16th, 23th May 2020 7. One Week Short Training Program on ‘Renewable Energy and Utilization’ organized by Dept. of Mechanical Engineering, Sandip Institute of Engineering and Management Nashik, from 26.05.2020 to 20.05.2020 8. One Week Faculty Development Programme On ‘Outcome Based Education: A Step Towards Excellence’ organized by Dept. of Mechanical Engineering, Gov. College of Engineering Karad, from 11.05.2020 to 15.05.2020 9. IIC Online Session Conducted by Institution Innovation Council of MHRDD’S Innovation Cell, New Delhi to Promote Innovation, IPR, Entrepreneurship, and Start-ups, from 28.04.2020 to 22.05.2020 10. Assessment and Evaluation under Outcome Based Education organized by NITTTR, Kolkata on 10.06.2019 to 14.06.2019
<p>Extra Activities</p>	<ol style="list-style-type: none"> 1. ARIIA Department Co-ordinate 2. Access Control System Committee Member 3. Refrigeration and Air Conditioning lab in charge. 4. Organizing Committee member of AICTE Training and Learning (ATAL) Academy online FDP on ‘Recent Advances in Mechanical Engineering Design’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 20.07.2021 to 24.07.2021 5. Organizing Committee member of AICTE Training and Learning (ATAL) Academy online FDP on ‘Robotics’ organized by Dept. of Mechanical Engineering, BharatiVidyapeeth Deemed to be University College of Engineering Pune, from 24.11.2020 to 28.11.2020

**Google Scholar
link**

<http://scholar.google.com/citations?user=DjJ5aKcAAAAJ&hl=en>