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	Surve ML, Unde SS, Sutar KB, Dhurpate P, Kumbhar DG. (2021) Computational Studies on Airfoil for Micro-Capacity Horizontal Axis Wind Turbine. *Indian Journal of Science and Technology*. 14(29):2427-2438. https://doi.org/10.17485/IJST/v14i29.824 **Sanket S. Unde**, Kailasnath B. Sutar. (2018) CFD Analysis of Wind Turbine Airfoil. JETIR, Volume 5, Issue 6**,** Page no.488-492	
Project Undertaken	**M.Tech**. Project **TITLE**: "Development of a Micro-Capacity Wind Turbine for Domestics 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. **B.Tech. Project** **TITLE:** "Development of an Apparatus for Fluid Flow Analyse" **Description:** In this experimental setup the following experiment are conducted:- ➢ 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. We are design the assembly of the experimental setup.	
Curricular Activities	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	

Workshop/ Seminar attended	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 2^{nd},9^{th},16^{th}, 23^{th} 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
Extra Activities	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 ofAICTE 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