

Name of Teaching Staff	: Mr. Sandeep Ramchandra Vaity	
Designation	: Assistant Professor	
Department	: Mechanical Engineering	
Date of Joining the Institution	: 02/01/1998	
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Google Scholar Link	: https://scholar.google.com/citations?user=wHgmf_0AAAAJ&hl=en	
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Qualifications with Class / Grade	: M.E. (Mechanical Engineering) with 1 st class. B.E. (Production Engineering) with 1 st class.	
Total Experience in Years	: Total Experience - 35 Years. Industrial Experience – 6 Years. Teaching Experience – 29 Years.	
Papers Published in Conference Proceedings	: 1. “Improvement in Material Feeding by Introducing Kitting in the Assembly Line” in Proceedings of International Conference on Intelligent Manufacturing and Automation, ICIMA 2020 by Springer. 2. “Waste Reduction of Molded Plastic Parts by Applying Principles of Six Sigma” in Proceedings of International Conference on Intelligent Manufacturing and Automation, ICIMA 2022 by Springer. 3. “Optimization of EDM Process Parameters Using GRA & Taguchi Method” in Proceedings of International Conference on Intelligent Manufacturing and Automation, ICIMA 2022 by Springer.	
Papers Presented in Conferences	: 1. “Leveraging technology in wealth creation: Achieving competitiveness in mergers and acquisitions in Indian industries,” in the International Conference on ‘Emerging Issues in Global Economy, Commerce and Management: Challenges and Strategies for International Competitiveness’ at University of Mumbai, in January 2009. 2. “Juxtaposing industrial engineering systems of manufacturing enterprises undertaking inorganic growth for global competitiveness.” in the International Conference on ‘Emerging Issues in Global Economy, Commerce and Management: Challenges and Strategies for International Competitiveness’ at University of Mumbai, in February 2011.	
Area of Specialization	Manufacturing Systems Engineering	

Professional Memberships	:	1. Life Member of Indian Society of Technical Education. (I.S.T.E) since 2000. 2. Life Member of Indian Society of Manufacturing Engineers. (I.S.M.E.) since January 1998. 3. Fellow Member of Indian Society of Manufacturing Engineers. (I.S.M.E.) since March 2021.	
Interaction with Professional Institutions	:	Guest Lectures: At Mukesh Patel School of Technology Management & Engineering, Shirpur. At Mukesh Patel School of Technology Management & Engineering, Mumbai. In Tool Engineering division at SBMP, Mumbai. Other Responsibilities: Member of CAP monitoring committee at Mumbai University. Member of Vigilance Squad at Mumbai University. Member of Syllabus Framing Team for Engineering Drawing at Mumbai University.	
Subjects Taught	:	UG Level: F.E.: Engineering Mechanics & Engineering Drawing S.E.: Computer Aided Machine Drawing & Engineering Materials. T.E.: Design of Press Tools, Design of Jigs and Fixtures, Machining Science and Technology & Welding Technology. B.E.: Industrial Engineering and Human Resource Management.	
Projects Guided	:	More than 100 live Industry projects guided in the area of Manufacturing, Operations Management, Design for the VII semester In plant training students of Production Engineering Department.	
Recommended Students for Higher Education	:	<u>Name of the Student</u> Alvinya Bohora Aditya Vora Sujay Karkera Chinmay Kule Kevin Kamdar	<u>University/Industry</u> M.S. - Management & Systems, New York University M.S. - Industrial Engineering, University of Houston M.S. - Industrial Engineering, Northeastern University M.S. - Industrial Engineering, University of Pittsburg M.S. - Civil Engineering, George Mason University Many more admitted to different universities abroad.
Institute/Department Responsibility handled	:	Department Time-Table Coordinator. Central Exam Committee member. Associate Head at the Production Engineering Department. Department level Exam Coordinator. College Time-Table Convener.	