

Name of Teaching Staff	:	Ravikant S. Hattale	
Designation	:	Assistant Professor	
Department	:	Mechanical Engineering	
Date of Joining the Institution	:	09-01-2017	
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Google Scholar Link	:	https://scholar.google.com/citations?hl=en&user=hv1VSR8AAAAJ	
Researchgate Link:		https://www.researchgate.net/profile/Ravikant-Hattale	
ORCID		https://orcid.org/my-orcid?orcid=0000-0001-8104-2939	
Publons Researcher ID	:	https://publons.com/researcher/4958715/ravikant-hattale/	
Qualifications with Class / Grade	:	M.Tech. (Industrial Metallurgy), NIT Warangal, 2016 B.E. (Mechanical), Shivaji University, Kolhapur, 2013 PG Diploma (Business Management), NMIMS University, 2024	
Total Experience in Years	:	Teaching: 9.5 years Assistant Professor in SVKM's D.J. Sanghvi College of Engineering from 09-01-2017 to till date. Research: 01 year Project Student, CSIR-Central Glass & Ceramic Research Institute, June 2015-May2016	
Research Papers Published in Journal: International:02	:	1. Aman Dharmendra Chheda and Ravikant Hattale, Selection of Materials for Manufacturing of Disc Brake Rotor for a Racing Go-Kart Having Single Hydraulic Disc Brake System, Proceedings of International Conference on Intelligent Manufacturing and Automation (ICIMA), Lecture Notes in Mechanical Engineering (Springer), 2020. https://link.springer.com/chapter/10.1007/978-981-15-4485-9_45 2. Dhiraj Nigade, Dhananjay Shukla & Ravikant Hattale, A Review on Squeeze Casting of Aluminium-Based Alloys and Its Composites, Proceedings of International Conference on Intelligent Manufacturing and Automation (ICIMA), Lecture Notes in Mechanical Engineering (Springer), 2020. https://link.springer.com/chapter/10.1007/978-981-15-4485-9_48	
Papers Presented in Conferences International:01 National 01:		1. Synthesis and Characterization of Molybdenum Doped Spin Coated, Nanostructured V ₂ O ₅ thin films, International conference on Ceramics and Advanced Materials for Energy and Environment, Christ University, Bangalore, 14-17 December 2015. 2. Novel Soft Chemical Synthesis of Transition Metal Doped Smart Thin films, National Conference on Recent Trends in Functional Materials in Relation to Nanotechnology and Nanomaterial (RTFMNN), Saint Paul College, Kolkata, 4 th - 5 th February 2016.	
Area of Specialization		Materials Engineering, Manufacturing Processes, Operations Research	

Professional Memberships	:	1) Life Member of The Indian Society for Technical Education (ISTE – LM 125835) 2) Life Member of The Indian Society of Manufacturing Engineers (ISME) 3) Life Member of REST Society for Research International (M: AA0109)
Interaction with Professional Institutions	:	Worked as Question Paper Setter and Auditor of question paper and answer sheets at Fr. Conceicao Rodrigues College of Engineering, Mumbai for the subject Materials Science and Engineering.
Subjects Taught	:	UG Level: Engineering Materials, Operations Research, Industrial Electronics, Control Systems Machining Science and Technology, Press tool design, Manufacturing planning and control, Quality Engineering, Universal Human Values
Projects Guided	:	UG Level: <u>A.Y. 2025-26</u> - Design Optimization and Analysis of Viscous Gel Filling Machine - Design and Development of Multitasking Drone Assembly <u>A.Y. 2024-25</u> - Design and development of hydrogen fuel cell in light motor vehicle - Optimization of Glass Fiber Reinforced Aluminum Composite for Enhanced Material Properties <u>A.Y. 2023-24</u> - Design and Fabrication of Fully Automated Solar Grass Cutter
Industrial Training	:	1) Kirloskar Ferrous Industries Limited, Solapur Plant from 15 th June 2024 to 05 th July 2024. 2) SAS Programming (Visual Analytics, Enterprise Guide, Applied Analytics) from Jul 2020 to Aug 2020
NPTEL /MOOC Courses	:	1) Materials Informatics, NPTEL IIT Madras, Jan-Apr 2026 (12 Week) 2) Properties of Materials, NPTEL IIT Madras, Feb-Apr 2026 (08 Week) 3) Artificial Intelligence and Machine Learning in Materials Engineering , NPTEL IIT Madras, Jul-Oct 2025 (12 Week) 4) Database Management Systems, IIT Kharagpur, Jan-Mar 2023 (08 Weeks) 5) Scientific Computing Using Python, IIT Kanpur, Jul-Oct 2023 (12 Weeks) 6) Advanced Materials & Processes, IIT Kharagpur, Jul-Oct 2029 (12 Weeks)
Courses completed from Coursera	:	1) Smart Materials: Microscale and Macroscale Approaches, Peter the Great St. Petersburg Polytechnic University, August 2022. 2) Material Processing, Georgia Institute of Technology, Aug 2022. 3) Learning to Teach Online, UNSW Sydney, July 2020. 4) Assessment in Higher Education: Professional Development for Teachers, Erasmus University Rotterdam, July 2020.
FDP's & STTP's	:	1) ISTE approved Self-Financing Faculty Development Program on “Green Hydrogen and Artificial Intelligence: Driving the Future of Sustainable Energy” held during 21.07.2025 to 26.07.2025 organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai, Maharashtra. 2) ISTE approved Self-Financing Faculty Development Program on “Think. Do. Write. Publish. – A Step-by-Step Guide to Research Article” held during 27.10.2025 to 31.10.2025 organized by SVKM's Dwarkadas J. Sanghvi College of Engineering, Mumbai, Maharashtra.

		3) Atal FDP on "Processing of Novel Materials" from 20/09/2021 to 24/09/2021 at INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI. 4) Atal FDP on "Smart Materials for Energy and Environmment-An Experimental and theoretical Perspectives" from 2021-7-26 to 2021-7-30 at University College of Engineering Villupuram. 5) FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 16 August, 2021 to 20 August, 2021. 6) UHV-II FDP organized by All India Council for Technical Education (AICTE) from 3rd June to 8th June 2024. 7) ISTE approved SF-STTP/FDP Programme on “Advancement in Indian Engineering, Mumbai, Maharashtra. Manufacturing: Leveraging Industry 4.0 to Drive Growth and Innovation” held during 24.06.2023 to 28.06.2023 organized by Dwarkadas J. Sanghvi College of Engineering. 8) ISTE approved Self-Financing Faculty Development Program on Research Funding, Publications, and IPR: A Journey from Fundamentals to Advanced Methodologies held during 10.06.2024 to 14.06.2024 organized by SVKM's Dwarkadas J. Sanghvi College of Engineering, Mumbai, (Maharashtra). 9) FDP On Artificial Engineering, Machine Learning and Block Chain Technology in Production and Supply Chain Management, NIT Warangal, 25th to 30th April 2019. 10) ISTE Approved FDP on Challenges and Opportunities in Manufacturing Processes in Indian Scenario, Dwarkadas J. Sanghvi College of Engineering, Mumbai, 2nd to 6th July 2019. 11) ISTE Approved FDP on Robotics and Industrial Automation, Dwarkadas J. Sanghvi College of Engineering, Mumbai, 12th to 16th Nov 2018.	
Recommended Students for Higher Education	:	<u>Name of the Student</u> Devang Kantharia Anjali Mishra Mohit Meher Alvina Bohora Jeel Sheth Dhruvi Zade Yatharth Shah Kavin Salskar <u>University/Industry</u> University of Michigan Texas A&M University Purdue University NYU, MIT Sloan School of Management Northeastern University, Columbia University Clemson University's, Lehigh University Virginia Tech Graduate School, Rutgers University Penn State University, University of Southern California	
Institute/Department Responsibility handled:	:	Member of NBA Criteria 5 & NAAC Criteria 3, Department Exam Coordinator, Admission Committee, Review committee member for IPD projects, OJT Projects and Final Year Projects , Coordinator of DJS Quadbike Coordinator for OPEN Elective Courses, Course coordinator, Class Coordinator etc.	