

JES's
Santosh N. Darade Polytechnic Yeola
Department: MECHANICAL ENGINEERING



Faculty Profile

Name of Faculty: Mr. Taksande Ravikumar V.

Qualification :	B.E. (Production), M.E. (Mechanical)
Designation :	Lecturer In Mechanical Engineering
Date of Joining :	10/09/2008
Experience :	17 Years, 11 Months
Contact No:	9970699027
Email id:	ravikumar.9583@gmail.com
Research Areas :	Machine Design, Engineering Material
Courses / Subjects taught :	-Elements of Machine Design -Industrial Measurement -Emerging Trends in Mechanical Engineering -Strength of Materials -Fluid Mechanics and Machinery -Computer Aided Drafting
Staff training and FDP attended	1. FDP on Manufacturing Automation Four Week NPTEL program. 2. FDP On Industry-4.0 in Energy, Sustainability and Climate Change, AICTE Training and Learning (ATAL) Academy. 3. Inculcating Universal Human Values in Technical Education by AICTE 4. Industrial Training on Electric Vehicles, Auto Technology, Engine Management System at TATA Motors, Pune. 5. Design of E-Vehicle at Dr. Vikhe Patil Institute of Technology and Engineering (Polytechnic), Loni. 6. Non-Conventional Energy Sources (Green Energy) at Sanjivani K. B. P. Polytechnic, Kopargaon. 7. Recent Trends in Mechanical Engineering at Matoshri Institute of Technology
Conferences Attended:	1. National Conference on Advancement in Mechanical Engineering and Industrial Management 2019 in Association with SPPU Pune (15th and 16th February 2019) at JSPM's ICOER, Wagholi, Pune. 2. International Conference on recent trend in Management, Engineering and Technology organized by Vidya Vihar Institute of Technology, Purnea, Bihar & global Conference Hub, Tamilnadu, India on 26th and 27th December 2022. 3. National Conference at SNDCOE & RC on "Transforming ideas into solution: A Multidisciplinary Research" Apr 22, 2025. 4. NPTEL Four week course on "Manufacturing Automation" with Elite Gradation
Paper published:	1. The paper entitled "Design and Analysis of Single Composite Drive Shaft" in JETIR, Volume 6, Issue 3 March-2019. 2. The paper entitled "Design and Analysis of Single Composite Drive Shaft" in Resincap Journal of Science and Engineering, Volume 4, Issue 6, June 2020. 3. The paper entitled "Design and Analysis of FRP Composite Drive Shaft for Light Motor Vehicle" published in "IJETMS Volume No.7 January - February 2023. 4. The paper entitled "Composite Materials: Advancements, Applications and Comparative Analysis with Conventional Materials" in "IRJMETS", Volume 06, Issue 02. February-2024. 5. The paper entitled "Design and Concept of Rocker-Bogie Suspension" in "Mazedan International Research Academy", Vol-6, Issue-2, page no. 98 to 100, 17 June 2025.
Memberships of Professional Organizations/Bodies:	• All Indian Society of Technical Education (ISTE)