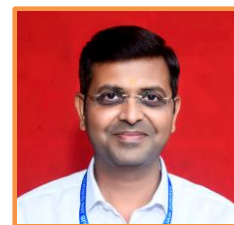


SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic, Chandwad

(All AICTE Approved Programs NBA Accredited)

Department: Mechanical Engineering

Faculty Profile



Prof. Yogesh Laxmanrao Kakuste

Qualification :	Ph.D. Mechanical Engineering (Pursuing), M.E. Mechanical Engineering (Machine Design), B.E.
Designation :	Lecturer (Sr. Scale)
Date of Joining :	27- 12- 2008
Experience :	Teaching: 17 Years Industrial: 02 Years
Teaching/Research Areas :	Machine Design Metrology and Quality Control Fluid Mechanics and Machinery
Courses / Subjects Involved with :	List semester wise along with Course name and Code 1st Year: 1) Engineering Drawing (22207) 2nd Year: 1) Mechanical Working Drawing (22341) 2) Engineering Metrology (22342) 3) Fluid Mechanics & Machinery (22445) 3rd Year: 1) Elements of Machine Design (22564) 2) Industrial Engineering & Quality Control (22657)
Staff Training/ FDP attended in last 3 years	1) Successfully Completed NPTEL 04 Week course on “Manufacturing Processes – Casting and Joining” with Elite Silver Medal with Top 1 % Topper Rank. 2) Successfully Completed NPTEL 04 Week course on “Inspection and Quality Control” with Elite Silver Medal. 3) Attended Two Week Short Term Training Program (STTP) on “Jal-Urja Mitra” at IIT Roorkee, Utarakhand by Central Government. 4) Attended One Week FDP organized by NITTTR Chandigarh & AICTE recognized on “Research Methodology”. 5) Attended One Week FDP organized by NITTTR Chandigarh & AICTE recognized on “Outcome Based Education for NEP implementation”. 6) Attended MSBTE, Mumbai Approved One Week FDP on “Research Aspects in Manufacturing Science (RAMS-21)” organized by Government Polytechnic, Nashik

	<p>7) Attended MSBTE, Mumbai Sponsored One Week FDP organized by K. K. Wagh Polytechnic, Nashik on “Recent Trends in Industry 4.0”.</p> <p>8) Attended MSBTE, Mumbai Sponsored One Day Training Program on “Training Program for Faculty about Internal and Institution Growth” at Guru Gobind Singh Polytechnic, Nashik.</p> <p>9) Participated One Week National Level Workshop on “Innovation and Entrepreneurship” sponsored by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.</p> <p>10) Attended One Week STTP on “Role of Teacher: To boost moral Values, Ethics in Engineering Education System” Organized by MVP’s KBT COE, Nashik.</p>
Paper Presentation /Conferences attended	<p>1) “Kaizen-A breakthrough strategy” National Conference “ETME-09” at G.H. Patel College of Engineering & Technology, Vallabh Vidyanagar (Gujarat), 20-21 March 2009</p> <p>2) “5-S a New Success Mantra for Industry” International Conference on Science, Engineering & Spirituality at S.E.S. College of Engineering, Navalnagar (Maharashtra), 01-02 April 2010</p> <p>3) “An approach for improving rolling contact fatigue of bearing steel through enhanced compressive residual stress” First International Conference on Sunrise Technologies at S.S.V.P.S. College of Engineering, Dhule (Maharashtra), 13-15 January 2011</p> <p>4) “An analytical approach for analysis and study on the effect of different parameters on sliding contact bearings” 2nd International Conference on Recent Trends in Engineering & Technology at Late Sau. K.B. Jain College of Engineering, Chandwad (Maharashtra), 22-24 February 2013</p> <p>5) “Energy analysis of waste heat recovery boiler used in cement industry” First International Conference on Recent Trends in Engineering Science, Technology and Management at G.G.S.P. College of Engineering, Nashik (Maharashtra), 23-25 February 2022</p>
Paper Published in Journals	<p>1) International Journal of Scientific Research in Engineering and Management (IJSREM) (ISSN: 2582-3930) Paper Title: Unidirectional Multi-Spindle Color Mixing Machine</p>
Books published with ISSN/ISBN Number :	<p>1) Author of a Text Book on Subject “Tool Engineering” for Mechanical Engineering Degree course under TechKnowledge Publication, Pune for Mumbai University. ISBN : 978-93-5563-180-0</p>

Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	<ol style="list-style-type: none"> 1) Course Expert for MSBTE, Mumbai Curriculum Development of 5th Semester under “K Scheme” at MSBTE Building, Pune 2) MSBTE Expert for Model Answer Moderator of TH Exam 3) MSBTE Expert for Model Answer Preparation of TH Exam 4) MSBTE TH Exam RAC Assessor 5) MSBTE TH Exam RAC Moderator
List of Projects guided at diploma level last 3 years	<ol style="list-style-type: none"> 1) Unidirectional Multi-Spindle Color Mixing Machine 2) Adjustable Pull Operated Type Mulching Machine 3) Automatic and adjustable Solar Power Operated Watering System
Role and Responsibilities at Institute Level	<ol style="list-style-type: none"> 1) NBA Institute Level Coordinator 2) Institute Training & Placement Coordinator (TPO) 3) First Year Students Result Analysis Coordinator 4) Preparation of Institute Roll Call 5) Admission Campaigning Member of Deola, Kalwan, Satana Region
Role and Responsibilities at Department Level	<ol style="list-style-type: none"> 1) NBA Criterion 04 Coordinator 2) Fluid Mechanics & Machinery Lab In-charge 3) MEBTE PR Exam & Bill Coordinator 4) Student Counseling (Mentors)
Major achievements in last 5 years	<ol style="list-style-type: none"> 1) Have secured Top 1 % Topper position Rank in NPTEL Exam 2) Published one Text Book for B.E. (Mechanical Engineering) Mumbai University 3) Worked as a Course Expert for curriculum development of MSBTE 4) Published a Patent Entitled “Foot Massager” Application Number: 418498-001 5) Published a Patent Entitled “Multipurpose Solar Battery” Application Number: 424448-001
Professional membership if any	<ol style="list-style-type: none"> 1) Life Member of Indian Society for Technical Education (LM ISTE) Membership No: LM32988
Additional information	<p>Official Email Id: kakuste.ylpoly@snjb.org Personal Email Id : yogkakuste@rediffmail.com Contact Number: 9420536777</p>