

SNJB's S.H.H.J.B. Polytechnic, Chandwad.

Department: **Mechanical Engineering**



Faculty Profile

Prof. Dr. G D Shinde

Qualification :	PhD (Mech.), M.E. (Machine Design), B.E. (Mech.),
Designation :	Lecturer
Date of Joining :	27/08/2001
Experience :	<ol style="list-style-type: none">1. Teaching: 19 years2. Industrial: 0.5 years
Teaching/research Areas :	Drawing , Design , Power Engineering
Courses / Subjects Involved With :	List semester wise along with course name and code <ol style="list-style-type: none">1. Engineering Graphics -2. Engineering Drawing - 222073. Mechanical Working Drawing - 223414. Machine Design -225645. Entrepreneurship Development - 22202
Staff training/FDP attended in last 3 years	<ol style="list-style-type: none">1. Resource person for Syllabus Implementation Program, "Skill Development (302046) at Department of Mechanical Engineering SNJB's COE Chandwad.2. ERP Implementation training3. Intellectual Property Management (IPM) & Patent Lifecycle Management (PLM)
Paper presentation /conferences attended	<ol style="list-style-type: none">1. Metamorphic Robot, National level conference on "Emerging Trends in Mechanical Engineering", MIT Aurangabad, March 5th & 6th, 2009.2. Low Volume Plastic Manufacturing Strategies, International conference on "Science , Engineering & Spirituality" S.E.S.College of Engineering, Navalnagar, April 1st & 2nd 20103. Experimental and CFD Estimation of Heat Transfer in Helically Coiled Heat Exchanger, 1st International Conference on "Recent Trends in Engineering and Technology", Late Sau. K.B.J. College of Engineering, Chandwad, 24th & 25th March 20124. A Review on Influence of Geometry and Other Initial Conditions on the Performance of a PCM Based Energy Storage System, 2nd International Conference on "Recent Trends in Engineering and Technology", Late Sau. K.B.J. College of Engineering, Chandwad, 22nd & 23rd Feb. 20135. Thermal Conductivity Enhancement of Phase Change Material Capsules with Channel Geometry,

	<p>International Conference on “Energy, Economy and Environment - ENERGY 2016”, National Institute Of Technology, Calicut, Kerala, 16-17 December 2016.</p> <p>6. Comparative Analysis of Solid Finned Cylindrical Capsule with Channel Section Cylindrical Capsule for a PCM Based Thermal Energy Storage System, 2nd International Conference on Latest Trends in Mechanical Engineering, NSS College of Engineering, Palakkad Kerala, 23-25 March 2017.</p> <p>7. Longitudinal and Radial fins in a Cylindrical Capsule to Store Phase Change Material in Thermal Energy Storage System, National Conference on Latest Trends in Mechanical Engineering NCLTME-2018, NSS College of Engineering, Palakkad Kerala, 6-7 April 2018</p>
Paper published in journals	<ol style="list-style-type: none"> 1. A Review on Influence of Geometry and Other Initial Conditions on the Performance of a PCM Based Energy Storage System, International Journal of Thermal Technologies , Vol.4, No.3, pp. 214-222, 2014 2. Influence of Fins on Solidification of Phase Change Material in Rectangular Capsule, International Journal of Modern trends in Engineering and Research, volume 2, Issue 6, pp. 351-360, 2015 3. Constrained And Unconstrained Melting of Phase Change Material Inside the Spherical Capsule, International Journal of Emerging Technology & Research, Volume 4, Issue 1, 2017
Books published with ISSN/ISBN number :	-----
Participation in MSBTE activities (RAC/DC/Theory/PR Exam/Curriculum development)	<ol style="list-style-type: none"> 1. External Academic Monitoring Committee – Member. 2. MSBTE State Level Quiz Competition - Jury Member. 3. Internal Academic Monitoring Committee - Institute Academic Coordinator. 4. Lab Manual Development Workshop for the subject Design of Machine Elements-17610 – Subject Expert. 5. MSBTE sponsored One Day Orientation Programme – Participant. 6. MSBTE Examination – Sealing Supervisor 7. MSBTE Examination – Supervisor & Squad 8. MSBTE Examination – Paper Setter 9. MSBTE RAC – Paper assessment 10. MBTE Examination – Internal & External Examiner Oral & Practical
List of Projects guided at diploma level last 3 years	<ol style="list-style-type: none"> 1. Ultrasonic Navigation and Detection Defense Robot 2. Fertilizer Spreader 3. To Charge the Electric Vehicle using Wind Energy
Role and responsibilities at institute	<ol style="list-style-type: none"> 1. NBA criteria 2 Coordinator

level	2. Region wise Admission Coordinator
Role and responsibilities at department level	<ol style="list-style-type: none"> 1. Class coordinator 2. Academic Coordinator 3. Discipline Coordinator
Major achievements in last 5 years	<ol style="list-style-type: none"> 1. Completed PhD in "Investigation on Influence of Geometry and other Initial Conditions on the performance of a PCM based Energy Storage System". 2. Model development for Subjects like Engineering Graphics & Drawing, Mechanical Working Drawing and Machine Design 3. ERP Software implemented - Project Coordinator
Professional membership if any	1. Member of Institute of Engineers (MIE) Membership No: A 533193-6
Additional information	My Blog : https://gobashinde.home.blog/