


Name of Teaching Staff	:	Dhananjay S. Shukla	
Designation	:	Assistant Professor	
Department	:	Production Engineering	
Date of Joining the Institution	:	05.01.2015	
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Research gate Link:	:	-----	
ORCID	:	-----	
Publons Researcher ID	:	-----	
Qualifications with Class / Grade	:	<p>M.Tech. Mechanical Engineering with specialization in Thermal Engineering, VJTI, Matunga, Mumbai University, 9.8 CPI (<b>Gold Medalist</b>), July 2013.</p> <p>B.E. Mechanical Engineering, S.S. Jondhale College of Engineering, Mumbai University, 79.50% (<b>6<sup>th</sup> Rank</b> holder in Mumbai University &amp; <b>1<sup>st</sup> Rank</b> holder in S.S. Jondhale College of Engineering), May 2010.</p>	
Total Experience in Years	:	<p>Assistant Professor in D.J. Sanghvi College of Engineering from 05-01-2015 to till date.  Assistant Professor in Konkan Gyanpeeth College of Engineering from 10-01-2014 to 22-08-2014.  Assistant Professor in A.C. Patil College of Engineering from 05-08-2013 to 23-12-2013.  Lecturer in S.S. Jondhale College of Engineering from 21-09-2010 to 19-06-2011.</p> <p><b>Industry:</b>  02 months as Project internship, Cummins India Ltd.  09 months as Project internship, Nuclear Power Corporation of India Ltd. (NPCIL).</p>	
Papers Published in Journal:	:	<p>[1] N.P. Gulhane, A.D. Landge, D.S. Shukla, S.S. Kale (2015), Experimental Study of Iodine Removal Efficiency in Self-Priming Venturi Scubber, Annals of Nuclear Energy &gt; 2015 &gt; 78 &gt; Complete &gt; 152-159, Journal ISSN: 0306-4549, DOI: <a href="https://doi.org/10.1016/j.anucene.2014.12.008">10.1016/j.anucene.2014.12.008</a>.</p>	
Papers Presented in Conferences	:	<p>[1] Dhiraj Nigade, Dhananjay Shukla, Ravikant Hattale (2020), A Review on Squeeze Casting of Aluminium-Based Alloys and Its Composites, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, Dwarkadas J. Sanghvi College of Engineering, Vile Parle, <a href="https://link.springer.com/chapter/10.1007/978-981-15-4485-9_48">https://link.springer.com/chapter/10.1007/978-981-15-4485-9_48</a>.</p> <p>[2] Amit Chaudhari, Aditya Rane, Shamir Talkar, Pavan Rayar, Dhananjay Shukla (2021), Designing and Prototyping for Conservation and Effective Utilization of Waste Heat from Air Conditioner, <a href="https://doi.org/10.1088/1757-899X/1104/1/012007">IOP Conference Series Materials Science and Engineering</a>, DOI: <a href="https://doi.org/10.1088/1757-899X/1104/1/012007">10.1088/1757-899X/1104/1/012007</a>.</p>	
Area of Specialization	:	<b>Thermal Engineering</b>	

PhD Guide ? Give field & University	:	<b>Field:</b> <b>University:</b>	-----
PhDs / Projects Guided	:	<b>PhDs :</b> <b>Projects at Masters level:</b>	-----
Books Published / IPRs / Patents	:	Books (Editors for conference Proceedings on Springer)	-----
Professional Memberships	:	1) <b>Life Member of Indian Society of Technical Education (ISTE)</b>  2) <b>Life Member of Indian Society of Manufacturing Engineers (ISME)</b>	LM 125834
Grants fetched	:	Minor Research Grant (University of Mumbai)	-----

<p>Interaction with Professional Institutions</p>	<p>:</p> <p><b>Guest Lectures:</b></p> <p>-----</p> <p><b>Other Achievements and Responsibilities:</b></p>	<p><b><u>FDPs/STTPs attended:</u></b></p> <p>[1] Heat Exchangers : Fundamentals and Design Analysis (NPTEL-SWAYAM 12 weeks course)</p> <p>[2] Computational Fluid Dynamics using Finite Volume Method (NPTEL-SWAYAM 12 Weeks course)</p> <p>[3] One week AICTE-ISTE approved Short Term Training Programme on “Robotics &amp; Industrial Automation” by the Departments of Mechanical &amp; Production Engineering (DJSCOE)</p> <p>[4] One day online FDP on “Intellectual Property Rights” completed from TCS.</p> <p>[5] One week online FDP on “A Journey into the Manufacturing Sector in India in view of Industry 4.0 practices and COVID-19” by the Department of production engineering of D. J. Sanghvi College of Engineering, Mumbai.</p> <p>[6] One week online FDP on “Emerging trends in Refrigeration &amp; Air-Conditioning” by the Mechanical engineering department of Pimpri Chinchwad College of Engineering &amp; Research, Pune.</p> <p>[7] Altair Hyperworks &amp; 3D Printing by Fr. C. Rodrigues Institute of Technology, Navi Mumbai.</p> <p><b><u>Courses completed from Coursera:</u></b></p> <p>[1] Assessment in Higher Education: Professional Development for Teachers</p> <p>[2] Learning to Teach Online</p> <p>[3] AI for everyone</p> <p>[4] Machine Learning for All</p> <p>[5] Renewable Energy and Green Building Entrepreneurship</p> <p>[6] Code Yourself! An Introduction to Programming</p> <p>[7] How Things Work: An Introduction to Physics</p> <p>[8] Introduction to Mechanical Engineering Design and Manufacturing with Fusion</p> <p>360</p> <p>[9] Statistical Molecular Thermodynamics</p> <p>[10] Welcome to Game Theory</p> <p>[11] Healthcare Organizations and the Health System</p>
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Subjects Taught	<p><b><u>UG Level:</u></b>  Computational Fluid Dynamics, Renewable Energy Sources, Finite Element Analysis, Mechanical Utility Systems, Refrigeration &amp; Air-Conditioning, Thermodynamics, I.C. Engines, Automobile Engineering, Thermal and Fluid Engineering, Mechatronics, Engineering Mechanics, Engineering Drawing, Design of Machine Elements, etc.</p> <p><b><u>PG Level:</u></b> -----</p>

Projects Guided	: <b>UG Level: 03</b>  <b>PG Level: -----</b>				
Recommended Students for Higher Education	<table border="1"> <thead> <tr> <th data-bbox="446 551 699 622"><b><u>Name of the Student</u></b></th> <th data-bbox="699 551 1501 622"><b><u>University/Industry</u></b></th> </tr> </thead> <tbody> <tr> <td data-bbox="446 622 699 719">More than 10 students for PG level</td> <td data-bbox="699 622 1501 719">Various universities across USA, Canada, Germany, etc.</td> </tr> </tbody> </table>	<b><u>Name of the Student</u></b>	<b><u>University/Industry</u></b>	More than 10 students for PG level	Various universities across USA, Canada, Germany, etc.
<b><u>Name of the Student</u></b>	<b><u>University/Industry</u></b>				
More than 10 students for PG level	Various universities across USA, Canada, Germany, etc.				
Institute/Department Responsibility handled:	<ol style="list-style-type: none"> <li>1. Student Portal Co-ordinator - Mechanical Department</li> <li>2. Daily/Weekly Report preparation - Mechanical Department</li> <li>3. Course Structure preparation - Mechanical Department</li> <li>4. Class Teachers - Mechanical Department classes</li> <li>5. Supporting staff in NAAC criterion 5 - Mechanical Department</li> <li>6. Supporting staff in NBA criterion 1 – Production Engineering Department</li> <li>7. Departmental Exam Co-ordinator - Production Engineering Department</li> </ol>				