


Name of Teaching Staff	Dharam Vasant Ranka	
Designation	Assistant Professor	
Department	Mechanical Engineering	
Date of Joining the Institution	08 July, 2014	
Email ID	dharam.ranka@djsce.ac.in	
Office Contact	022 4233 1153	
Google Scholar Link	:	https://scholar.google.com/citations?hl=en&user=Bh197KAAAAAJ
Researchgate Link	:	https://www.researchgate.net/profile/Dharam-Ranka
ORCID	:	https://orcid.org/0000-0003-3212-9020
Publons Researcher ID	:	https://publons.com/researcher/X-2814-2018/
Qualifications with Class / Grade	:	<ul style="list-style-type: none"> • M.E. Mechanical Engg, DJSCE, University of Mumbai, 9.01 CGPI, August 2016. • B.E., Automobile Engg, MHSSCE, University of Mumbai, Distinction, August 2011.
Total Experience in Years	:	<p>Teaching: 07 years, 06 months Assistant Professor, SVKM's Dwarkadas J. Sanghvi College of Engineering,</p> <ul style="list-style-type: none"> ✚ From 09th Sept., 2021 to till date - Dept. of Mechanical Engg. ✚ From 04th July 2018 to 08th Sept., 2021 - Dept. of Production Engg. ✚ From 08th July 2014 to 30th June 2018 - Dept. of Mechanical Engg. <p>Industry: 01 year, 10 months Technical Advisor, Navnit Motors Pvt. Ltd.</p>
Papers Published in Journal:	:	<ol style="list-style-type: none"> 1. Investigating Red X parameter for short shot type defect in plastic Injection moulds using Shainin's Design of Experiments, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, Springer Nature Singapore Pvt. Ltd., ISBN 978-981-15-4484-2, https://doi.org/10.1007/978-981-15-4485-9, June 2020 (with Dr. Hari Vasudevan and Dr. Khavekar Rajendra) 2. Suspecting Dominant Variable That Causes Porosity Defect in a Cast Made up of Aluminium Alloy (LM2) Using Shainin's DoE Approach, International Journal of Advances in Mechanical and Civil Engineering (IJAMCE) , Volume-3, Issue-5, Oct, 2016, ISSN: 2394-2827. IRAJ DOI Number - IJAMCE-IRAJ-DOI-5950 (with Dr. Hari Vasudevan and Prof. Khavekar Rajendra) 3. Optimization Of Turning Process Parameters In The Machining Of An

		Accumulator (mdn-250) Using Taghuchi's Design Of Experiments, International Journal of Mechanical And Production Engineering (IJMPE), Volume- 3, Issue-5, May-2015, ISSN: 2320-2092. IRAJ DOI Number - IJMPE-IRAJ-DOI-2030 (with Dr. Hari Vasudevan and Prof. Shreya Kadwadkar)				
Papers Presented in Conferences	:	<p>1. Suspecting Dominant Variable That Causes Porosity Defect in a Cast Made up of Aluminium Alloy (LM2) Using Shainin's DoE Approach, 61st IRF International Conference, Pune, 14th August, 2016 (with Dr. Hari Vasudevan and Prof. Khavekar Rajendra) (<i>achieved Excellent Paper Award</i>)</p> <p>2. Optimization Of Turning Process Parameters In The Machining Of An Accumulator (mdn-250) Using Taghuchi's Design Of Experiments, 21st IRF International Conference, Pune, 08th March, 2015 (with Dr. Hari Vasudevan and Prof. Shreya Kadwadkar)</p>				
Area of Specialization	:	<u>Manufacturing Management, Operations Research</u>				
PhD Guide ? Give field & University	:	<table border="1"> <tr> <td><u>Field:</u></td> <td>Nil</td> </tr> <tr> <td><u>University:</u></td> <td></td> </tr> </table>	<u>Field:</u>	Nil	<u>University:</u>	
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PhDs / Projects Guided	:	<table border="1"> <tr> <td><u>PhDs :</u></td> <td>Nil</td> </tr> <tr> <td><u>Projects at Masters level:</u></td> <td></td> </tr> </table>	<u>PhDs :</u>	Nil	<u>Projects at Masters level:</u>	
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Books Published / IPRs / Patents	:	<table border="1"> <tr> <td>Books (Editors for conference Proceedings on Springer)</td> <td>Nil</td> </tr> </table>	Books (Editors for conference Proceedings on Springer)	Nil		
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Professional Memberships	:	<p>1) Indian Society of Technical Education (ISTE) Membership No.: LM 125829</p> <p>2) Indian Society of Manufacturing Engineers (ISME)</p>				
Grants fetched	:	<table border="1"> <tr> <td>Minor Research Grant (University of Mumbai)</td> <td>Nil</td> </tr> </table>	Minor Research Grant (University of Mumbai)	Nil		
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Interaction with Professional Institutions	:	<table border="1"> <tr> <td><u>Guest Lectures:</u></td> <td>Nil</td> </tr> <tr> <td><u>Other Achievements and Responsibilities:</u></td> <td><i>Excellent Paper Award</i> for paper presented in 61st IRF International Conference, Pune, 14th August, 2016.</td> </tr> </table>	<u>Guest Lectures:</u>	Nil	<u>Other Achievements and Responsibilities:</u>	<i>Excellent Paper Award</i> for paper presented in 61 st IRF International Conference, Pune, 14 th August, 2016.
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<u>Other Achievements and Responsibilities:</u>	<i>Excellent Paper Award</i> for paper presented in 61 st IRF International Conference, Pune, 14 th August, 2016.					

Subjects Taught	<p>: <u>UG Level:</u> Operations Research, Production & Operations Management, Design of Mold & Metal Forming Tools, Logistics & Supply Chain Management, Product Design & Industrial Marketing, Engineering Mechanics, Engineering Graphics, Constitution of India, Finance Management, Industrial Automation, Mechatronics, Automobile Engineering, Production Process I, Production Process III, Industrial Engineering & Enterprise Resource Planning.</p> <p><u>PG Level:</u> Computer Integrated Manufacturing Systems, Logistics & Supply Chain Management</p>				
Projects Guided	<p>: <u>UG Level:</u> 08 projects guided</p> <p><u>PG Level:</u> Nil</p>				
Recommended Students for Higher Education	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="464 822 683 983" style="text-align: left;"><u>Name of the Student</u></th> <th data-bbox="687 822 1492 983" style="text-align: left;"><u>University/Industry</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="464 887 683 983"></td> <td data-bbox="687 887 1492 983">Around 35 students recommended for higher education world-wide.</td> </tr> </tbody> </table>	<u>Name of the Student</u>	<u>University/Industry</u>		Around 35 students recommended for higher education world-wide.
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Institute/Department Responsibility handled	<p>: NAAC criteria 5 coordinator, NIRF committee member, NBA criteria 4 coordinator, Class Teacher, Department Alumni coordinator, ICIMA coordinator.</p>				
Pedagogy Development	<p>: Online teaching/learning, collaborative learning, problem-based learning, project-based learning, peer learning, team-based learning</p>				