


Name of Teaching Staff	: Mr. Mehul S. Prajapati	
Designation	: Assistant Professor	
Department	: Dept of Production Engg.	
Date of Joining the Institution	: 12.07.2011	
Email ID	: mehul.prajapati@djsce.ac.in	
Office Contact	: 42335000/42335001 EXT : 1230	
Google Scholar Link	: https://scholar.google.com/citations?user=CUecA7AAAAAJ&hl=en	
Researchgate Link	: https://www.researchgate.net/profile/Mehul-Prajapati-4	
ORCID	: 0000-0002-4343-7486.	
Publons Researcher ID	: https://publons.com/researcher/4957493/mehul-prajapati/	
Qualifications with Class / Grade	: <ol style="list-style-type: none"> 1. PhD. Mechanical Engineering (Pursuing) (NIT Surat) 2. M. Tech. (Production) from VJTI with Ist Class (7.6CPI) in Jul, 2010. 3. B.E. (Production) from University of Mumbai with Ist Class (65.45%) in Jun, 2007. 	
Total Experience in Years	: <u>Teaching:</u> 12 years <ol style="list-style-type: none"> 1. Assistant Professor at D. J. Sanghvi College of Engineering from 12/07/2011 till date 2. Lecturer, D. J. Sanghvi College of Engineering from 10.01.2011 to 30.6.2011. 3. Lecturer, VJTI from July, 2010 to Dec, 2010. <p><u>Industry:</u> GET, L & T from Jun 2007 to Dec, 2007.</p>	
Papers Presented in Conferences	: <u>International</u> :-- <ol style="list-style-type: none"> 1. ‘Analysis of Pressure Relief Valve using Matlab Simulink’ at Thirty Seventh National & Fourth International Conference on Fluid Mechanics and Fluid Power at IIT Madras. 	

Papers Presented in Journal	: International :-- <ol style="list-style-type: none"> 1. 'Analysis of Pressure Relief Valve using Matlab Simulink' The Technology World Quarterly Journal Volume 4 Issue 2 June 2013 ISSN: 2180-1614. 2. "Optimization of CNC Die-Sinking EDM Process Parameters Based on MRR and EWR by Taguchi Method Using Copper Electrode on P20 Tool Steel" Lect. Notes Mechanical Engineering, on Intelligent Manufacturing and Automation, 978-981-15-4484-2, 488144_1_En, April 2020 3. "Development of Storage System by Designing a Magazine for Forged Rings" Lect.Notes Mechanical Engineering on Intelligent Manufacturing and Automation, 978-981-15-4484-2, 488144_1_En, April 2020 (With Meet Karelia). 4. "Experimental Investigation During Machining of P20 Tool Steel Using EDM", Advances in Materials Processing and Manufacturing, June 2021, DOI: 10.1007/978-981-16-0909-1_56.
Area of Specialization	: Manufacturing Processes, Optimizations Techniques.
Books Published / IPRs / Patents	: Books (Editors for conference Proceedings on Springer)
Professional Memberships	1.Life member of Indian society of manufacturing Engineers (ISME). 2.Life member of Indian society for Technical Education (ISTE).
Grants fetched	: Co- investigator Topic -Novel Technique of Travelling Wire-Electro Chemical Spark Machining (TW-ECSM) Process for Non-Conducting Materials. Grant received for Rs 60,000/-
Interaction with Professional Institutions	Other Achievements and Responsibilities: Certified training programmer on Base SAS, SAS Visual Analytics, and Applied Analytics, using SAS (R) Enterprise Miner (TM) from SAS India
Subjects Taught	F.E : Engineering Mechanics, Engineering Drawing S.E : Strength of Material, Manufacturing Processes, Advance Manufacturing Processes. T.E : Design of Jigs and Fixtures, Metrology & Quality Control, Mold & Metal Forming technology, Micro & Nano Manufacturing processes, Processes Engineering & Tooling, Design of Press Tools. B.E: Engineering Economics Finance Accounting Costing.
Projects Guided	UG Level: More than 50 live Industry projects guided in the area of Manufacturing, Operations Management, Design for the VII semester In plant training students of Production Engineering Department.

<p>Recommended Students for Higher Education</p>	<p><u>Name of the Student</u> <u>University/Industry</u></p> <p>Sagar Patel M.S Material Science (Texas A&M University)</p> <p>Rohan Amin M.S Industrial Engineering (Lehigh University)</p> <p>Aditya Sheth M.S Industrial Engineering (Texas Arlington)</p> <p>Prachi Sheth M.S Energy Management (Texas Dallas)</p> <p>Aakash Panchal M.S Industrial Engineering (Houston University)</p> <p>Some more names admitted to different universities in U.S., Canada, Australia, Germany etc.</p>
<p>Institute/Department Responsibility handled:</p>	<p>a) Departmental time table coordinator from July 2014 till date.</p> <p>b) NBA Criteria 3 department in charge.</p> <p>c) Member of NAAC committee from department.</p> <p>d) VAP coordinator from June 2015 to June 2017.</p> <p>e) Industrial visits coordinator from June 2015 to June 2017.</p> <p>f) Department Alumni coordinator from July 2017 to June 2019.</p>