

Name of Teaching Staff : Mr. Mehul S. Prajapati

Designation : Assistant Professor

Department : Dept of Production Engg.

Date of Joining the Institution : 12.07.2011

Qualifications with Class / Grade :

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 : **Teaching:** 11 years

1. Assistant Professor at D. J. Sanghvi College of Engineering from 12/07/2011 till date
2. Lecturer(Adhoc), D. J. Sanghvi College of Engineering from 10.01.2011 to 30.6.2011.
3. Lecturer, VJTI from July, 2010 to Dec, 2010.

Industry:

GET, L & T from Jun 2007 to Dec, 2007.

Papers Presented in Conferences : **International** :--

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** :--

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 (With Sowmin Trivedi)
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.

1. Attended Symposium on “**VALUE ENGINEERING**” at V.J.T.I. Mumbai.(Jan.2009)
2. Two Day Workshop on **Curriculum Development for Mechanical Engineering** at Mukesh Patel School of Technology Management & Engineering on 2nd and 3rd April 2012.
3. Two week ISTE- IITB workshop on **Engineering Mechanics** conducted by IIT From 26th November to 6th December 2013.
4. One week STTP on **Product Life Cycle Management** in collaboration with Siemens June 2014 at Fr Agnel College Vashi.
5. One week STTP on **Digital Manufacturing**(using Delmia) in collaboration with Tata Technologies at Sardar Patel of College Engineering from 23rd to 28th May 2016.
6. Three day FDP on Product Life cycle Management in collaboration with TCS Sangam from 13 – 15 July, 2016
7. A “**Faculty Development Programme**”, covering various aspects of **Industry institute Interaction** was organised by the Department of Production Engineering in collaboration with the following industries.
 - a) Mutual Engineering Pvt. Ltd., Vasai, on 28th & 29th of November 2018. 2.
 - b) Mutual Automotive Pvt. Ltd., Pune, on 01st December 2018.
 - c) Mahindra & Mahindra (Automotive Division), Kandivali, 10th December 2018.
 - d) Designcell CAD-CAM solutions Pvt. Ltd., Vasai, on 05th January 2019.
8. One day workshop on 3D Printing & Applications at NMIMS’S Mukesh Patel School of Technology & Management Engineering on 19th January, 2019.
9. Two day workshop on “**Active teaching learning strategies using Innovative Technology**” on 25th & 26th February 2019, at D.J Sanghvi College of Engineering.
10. **GIAN Course on Micro/Nano machining** at NIT Calicut from 24/06/2019 to 28/06/2019
11. One week induction programme on “**Challenges & Opportunity in Manufacturing in Indian Scenario**” held from 2/7/2019 to 6/7/2019 at D.J Sanghvi College of Engineering thru Industry.
12. One week STTP “**A Journey into the Manufacturing Sector in India in View of Industry 4.0 practices and COVID-19**” held from **9th June 2020 to 13th June 2020** at at D.J Sanghvi College of Engineering
13. Two weeks certified training on **Base SAS, SAS Visual Analytics, Applied Analytics Using SAS (R) Enterprise Miner (TM)** from SAS India June 2020.

Life member of Indian society of manufacturing Engineers (ISME).

Life member of Indian society for Technical Education (ISTE).