

Name of Teaching Staff	:	Dr. Meeta Gandhi		
Designation	:	Assistant Professor		
Department	:	Mechanical Engineering		
Date of Joining the Institution	:	11 th July 2007		
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Google Scholar Link	:	https://scholar.google.com/citations?user=hsb3ewcAAAAJ&hl=en		
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Publons Researcher ID	:	https://publons.com/researcher/4954153/meeta-gandhi/		
Qualifications with Class / Grade	:	• Ph. D. in Technology (Mechanical Engineering) University of Mumbai. Year of obtaining the Degree: 2019 • M.E. Mechanical - Sardar Vallabhbhai National Institute of Technology; Surat. Year of Passing: 2000 Percentage Obtained: 73.5%, First Class with Distinction; 1st in university Specialization in Industrial Refrigeration and Air conditioning. • B.E. Mechanical – Sardar Vallabhbhai National Institute of Technology; Surat. Year of Passing: 1996 Percentage Obtained: 78.2%, First Class with Distinction.		
Total Experience in Years	:	30yrs • Assistant Professor in Mechanical Engineering; Dwarkadas J. Sanghvi College of Engineering from September 2021 till date. • Assistant Professor in Production Engineering; Dwarkadas J. Sanghvi College of Engineering from July 2007 to August 2021 • Lecturer in Mechanical Engineering; K. J. Somaiya College of Engineering from July 2000 to July 2007. • Lecturer in Engineering Graphics; Institute of Technology for Women; SNDT University; Mumbai from March 1999 to June 2000. • Lecturer in Mechanical Engineering; Sarvajanik College of Engineering & Technology; Surat from June 1997 to February 1999. • Lecturer at Sardar Vallabhbhai Regional College of Engineering & Technology; Surat; from September 1996 to June 1997.		
Papers Published in Journal:	:	Published a paper on “Green Supply Chain Management Practices in Automobile Industry”, in Industrial Engineering Journal, Vol IX, issue no.4, pg. no 6-11, April 2016. Published a paper on “Application of Taguchi Grey Relational Analysis to optimize the process parameters in wire electrical discharge machine”, in International Journal of Innovative Science, Engineering & Technology, Vol. 3 Issue 7, July 2016. Published a paper on “Green Supply Chain Management Practices and its Impact on Business Performance”, in “Lecture notes in Mechanical Engineering” Published		

	by Springer Singapore, (Proceedings of International Conference on Intelligent Manufacturing and Automation ICIMA 2018). Published a paper on “Evaluating GSCM Practice–Performance Relationship in Chemical, Textile and Rubber/Plastic SMEs in India”, in “Lecture notes in Mechanical Engineering” Published by Springer Singapore, (Proceedings of International Conference on Intelligent Manufacturing and Automation ICIMA 2020). Published a paper on “Managerial Insights into GSCM Practices in the Indian SME Manufacturing Firms”, in “Lecture notes in Mechanical Engineering” Published by Springer Singapore, (Proceedings of International Conference on Intelligent Manufacturing and Automation ICIMA 2022). Published a paper on “A Case Study to Control Welding Defects in Pressure Vessels”, in “Lecture notes in Mechanical Engineering” Published by Springer Singapore, (Proceedings of International Conference on Intelligent Manufacturing and Automation ICIMA 2022). Published a paper on “Work Centre Productivity Analysis for Making the Manufacturing Lean: A Case Study on Glass-Lined Pressure Vessels”, in “Lecture notes in Mechanical Engineering” Published by Springer Singapore, (Proceedings of International Conference on Intelligent Manufacturing and Automation ICIMA 2022).
Papers Presented in Conferences	An international paper on “Phasor Analysis for Double Inlet Pulse Tube Cryocooler” was accepted for presentation at the International Cryogenic Engineering Conference and International Cryogenic Materials Conference held at Montreal, Canada from 12th July to 16th July 1999. Presented a technical paper “Cooling Coil Design and Performance Evaluation” at National Conference on Advances in Mechanical Engineering held at MCT’S Rajiv Gandhi Institute of Technology, Mumbai from 15th Jan and 16th Jan 2009. Presented a paper on “Thermal Power Generation and Energy Savings for Industrial Boilers” at 20th national and 9th International ISHMT-ASME Heat and Mass Transfer Conference organized by IIT Bombay on 4th January to 6th January 2010. Presented a paper on “A review and proposed framework of the generic approach for organizational performance measurement in Green Supply Chain Management” in International Conference on Big Data Analytics for Optimizing Supply Chain organized by SPJIMR in collaboration with India POMS Chapter from 29th – 30th July, 2016. Presented a paper on “Understanding the benefits of Green Supply Chain Management and the Framework for a Generic Approach in Measuring the Organizational Performance” in 4th International Conference on Industrial Engineering (ICIE-2017), organized by Department of Mechanical Engineering, S. V. national institute of Technology, Surat from 21st to 23rd December 2017.
Area of Specialization	Green Supply Chain Management, Thermal Engineering, Industrial Engineering, Quality Control.

PhDs / Projects Guided	:	<u>PhDs:</u> <u>Projects</u> at <u>Master's level:</u>	Green Supply Chain Management practices in Automobile Industry, Applying Taguchi Grey Relational Analysis to optimize process parameters in wire EDM, Parametric optimization of radiant cast support.
Professional Memberships	:		• Life member of Indian Society of Technical Education. • Life member of Indian Society of Heating Refrigerating and Air conditioning Engineers, Mumbai Chapter. • Life member of Indian Society of Manufacturing Engineers.
Interaction with Professional Institutions	:	Other Achievements and Responsibilities:	September 2006 awarded “Excellence in Teaching” by Student Council 2006-2007 of K. J. Somaiya College of Engineering. Recognition: Recognized as teacher at University of Mumbai for Master of Mechanical Engineering Degree (June 2014).
Subjects Taught		<u>UG Level:</u> Engineering Mechanics, Strength of Materials, Theory of Machines, Universal Human Values, Engineering Thermodynamics, Thermal Engineering, Total Quality strategy, Industrial Engineering and Human Resource Management, Digital Business Management, Management Information System.	
Projects Guided	:	<u>UG Level:</u> Live projects in L&T, Godrej, Designcell, Cardio Beats LLP etc. with a focus on improving productivity, quality improvement, value stream mapping, kaizen, 5S, six sigma and product development. <u>PG Level:</u> Green Supply Chain Management practices in Automobile Industry, Applying Taguchi Grey Relational Analysis to optimize process parameters in wire EDM, Parametric optimization of radiant cast support.	
Recommended Students for Higher Education		<u>Name of the Student</u> Varun Shah Samip Purohit Arijeet Chatterjee Aditya Singh Sahil Lalji Alvinya Bohora	University/Industry University of Wisconsin Madison Purdue University Georgia Institute of Technology Northeastern University University of Illinois Chicago New York University
Institute/Department Responsibility handled:		Worked as a member of Admission Committee, Alumni Committee, Library Committee, Grievance and Unfair Means Committee, SAE Faculty Advisor, Women's Development Cell, ISHRAE Faculty Advisor, Emergency Response Team, Anti Ragging Committee, Compiling of Monthly Reports, Exam Committee, Class In-charge, Vigilance and Monitoring of Regularity and Punctuality of Classes Committee, Time Table Committee, Cultural Committee.	
Pedagogy Development		To nurture constructive, collaborative, inquiry based, integrative and reflection skills I use case study and peer led learning methodologies in various subjects that I teach.	

