

Name of Teaching Staff : Prof .Rohitkumar Chaurasia  
Designation : Assistant Professor  
Department : Mechanical Engineering  
Date of Joining the Institution : 05.01.2015



Qualifications with Class / Grade : M.E. Machine Design, J T Mahajan College of Engineering, NMU, 69 %, Oct 2014.  
B.E. Automobile Engineering, RMCET, Mumbai University, 76%, May 2009.

Total Experience in Years : **Teaching:**  
Assistant Professor in VCET from 10-01-11 to 31-12-14  
Assistant Professor in D.J. Sanghvi College of Engineering from 05-01-2015 to till date.  
**Industry:**  
1 year as Trainee engineer, at Central Institute of Road Transport (CIRT) Pune .  
6 Month as a Service Advisor in Sai Service, Borivali East.

#### Research

Papers Published:

#### International: ---

1. Rohit Chaurasia, Ronak Karelia, Bhaumik Mehta, Rushabh Gupta, and Sandeep Kava, Optimization of Transmission of a Roll Forming Machine using a Planetary Gearbox. International Journal of Innovative Science and Research Technology. Volume 4, Issue 5, May– 2019. ISSN No:-2456-2165.
2. Rohit Chaurasia, Dhruvin Desai, Apoorva Dhimar, Chirag Bhadreshwara, and Saurabh Chauhan, Electric Skateboard Incorporating Foot Operated Ackerman Steering System. International Journal of Innovative Science and Research Technology. Volume 4, Issue 4, April – 2019, May– 2019. ISSN No:-2456-2165.

#### National: ---

1. Reinforcement Learning for Inventory Management. In: Vasudevan H., Kottur V., Raina A. (eds) Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering. Springer, Singapore.
2. Design and Analysis of Onion Harvester. In: Vasudevan H., Kottur V., Raina A. (eds) Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering. Springer, Singapore.

Professional Memberships : ISME, ISTE.

Faculty Development Programme's completed from NPTEL SWAYAM and ATAL platform : [1] Recent Advances in Mechanical Engineering Design.  
[2] Nanotechnology Advances In Engineering Materials And Manufacturing" .  
[3] Electric Vehicles.  
[4] Effective Engineering Teaching In Practice .

Faculty Development Programme's /Workshops : Active Teaching Learning Strategies Using Innovative Technology (by DJSCE).

completed from SVKM  
affiliated institutions

- Training programs completed from MoE's Innovation Cell and AICTE : [1] Innovation Ambassador Training (Advanced Level)  
[2] Innovation, IPR, Entrepreneurship, and Start-ups among HEIs
- One day Faculty Development Programme's completed from TCS : [1] Intellectual Property Rights  
[2] Machine Learning and Deep Learning
- Other Online Faculty Development Programme's completed : [1] A Journey into the Manufacturing Sector in India in view of Industry 4.0 practices and COVID-19 (D. J. Sanghvi College of Engineering, Mumbai)  
[2] Design Thinking. Innovation and IPR (Bharati Vidyapeeth College of Engineering, Navi Mumbai )  
[3] The Effective Techniques of Teaching and E-Commerce. (Saraswati College of Engineering Navi-Mumbai )  
[4] Outcome Based Education: A Step Towards Excellence.( Government college of Engineering ,Karad )  
[5] Robotics and Industrial Automation. (D. J. Sanghvi College of Engineering, Mumbai)  
[6] Industry 4.0 . (Saraswati College of Engineering Navi-Mumbai )  
[7] Computational Tool and Techniques METLAB and ANSYS. .( Government college of Engineering ,Karad )
- Modules completed from Elsevier Researcher Academy : [1] Writing a persuasive cover letter for your manuscript.  
[2] How to conduct evidence-based research  
[3] How to secure funding - ECR edition
- Courses completed from Coursera : [1] Assessment in Higher Education: Professional Development for Teachers  
[2] Learning to Teach Online  
[3] Introduction to Project Management  
[4] Understanding Research Methods [5] AI for Everyone.  
[6] Excel Skills for Business: Essentials.  
[7] Finance for Everyone: Decisions.
- Webinars attended : [1] Teachers are Leaders (TRL) ( BHARATI VIDYAPEETH COLLEGE OF ENGINEERING, NAVI MUMBAI )  
[2] Design - Past, Present and Future (Dwarkanadas J. Sanghvi College of Engineering, Mumbai)  
[3] "Career Prospects in Mechanical Engineering after Covid -19.( Agti's Dr. Daulatrao Aher College Of Engineering, Karad and Government College Of Engineering, Karad.  
[4] Creating Interactive E- Learning Content (Universal College of Engineering, Vasai)  
[5] Research Methodology Including Experimental Approach (AISSMS College of Engineering, Pune)

- [6] Challenges in Non-Destructive Testing and Future Prospects (Dwarkadas J. Sanghvi College of Engineering, Mumbai)
- [7] Smart Manufacturing.( BIZM Consulting Pvt. Ltd)
- [8] Industry Scenario after Covid 2019 (Guru Govind Singh College of Engineering and Research centre Nashik)
- [9] 'Art of Online Teaching, Research Paper Writing & Patent Registration'( Institute of Technology and Management Nanded )