

**Name of Teaching Staff** : Prof. Ravikant S. Hattale

**Designation** : Assistant Professor

**Department** : Mechanical Engineering

**Date of Joining the Institution** : 09.01.2017

**Educational Qualifications** : M.Tech. ( Industrial Metallurgy), NIT Warangal, 2016  
B.E. ( Mechanical ), Shivaji University, Kolhapur, 2013

**Experience** : Teaching :- 4.5 years  
Working as an Assistant Professor at Dwarkadas J. Sanghvi College of Engineering, Mumbai since 09.01.2017  
Research :- 1 year  
One year research experience at CSIR-CGCRI (Central Glass and Ceramic Research Institute) , Kolkata (2015-16)



**Papers Presented in Conferences** :

International:-

- 1) Aman Dharmendra Chheda and Ravikant Hattale, “ Selection of Materials for Manufacturing of Disk Brake Rotor for a Racing Go-Kart Having Single Hydraulic Disk Brake System”, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering , 2020, pp 435 (Springer Publishers).
- 2) Dhiraj Nigade, Dhanajay Shukla and Ravikant Hattale, “A Review on Squeeze Casting of Aluminum – Based Alloys and Its Composites”, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, 2020, pp 469 (Springer Publishers).
- 3) “Synthesis and Characterization of Molybdenum Doped Spin Coated Nanostructured V2O5 Thin Films”, International Conference on Ceramic and Advanced Materials for Energy and Environment, Christ University, Bangalore, 14th -17th December 2015, pp 136-137.

National :-

- 1) “Novel Soft Chemical Synthesis of Transition Metal Doped Smart Thin Films”, National Conference on Recent Trends in Functional Materials in Relation to Nanotechnology and Nanomaterials (RTFMNN), Saint Paul College, Kolkata, 4th - 5 th February 2016, pp -216.

**PhDs / Projects Guided** : -----

**Books Published / IPRs / Patents** : -----

**Professional Memberships :**

- 1) Life Member of The Indian Society for Technical Education (ISTE – LM 125835)
- 2) Life Member of The Indian Society of Manufacturing Engineers (ISME)
- 3) Life Member of REST Society for Research International ( M: AA0109 )

**Subjects Taught :**

Materials Technology, Machining Science and Technology, Press Tool Design, Manufacturing Planning and Control, Operations Research, Manufacturing Processes and Finance Management.

**Workshops/STTP's FDP's Participated :-**

- 1) AICTE-ATAL FDP on “Smart Materials for Energy and Environment – An Experimental and Theoretical Perspectives”, organized by University College of Engineering , Villupuram from July 26 – 30, 2021.
- 2) One week FDP on “Research Paper Writing” from 28 June 2021 to 02 July 2021 organized by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India.
- 3) FDP on “Shaping a Data Science Curriculum” by SAS India scheduled from February 22 – 26, 2021.
- 4) One week online workshop on “Tribology and its Applications” organized by Acharya Institute of Technology and Ducom Instruments, Bengaluru from January 18 – 22, 2021.
- 5) Completed following SAS certification courses during the period from 27<sup>th</sup> July 2020 to 19<sup>th</sup> August 2020  
SAS(R) Programming 1: Essentials  
SAS(R) Programming 2: Data Manipulation Techniques  
SAS(R) Visual Analytics 1 and 2  
Applied Analytics Using SAS(R) Enterprise Miner  
SAS(R) Enterprise Guide(R): ANOVA, Regression, and Logistic Regression
- 6) Completed an online non-credit course on “Assessment in Higher Education: Professional Development for Teachers” through coursera, 12<sup>th</sup> July 2020.
- 7) Completed an online non-credit course on “Learning to Teach Online” through coursera, 21<sup>st</sup> July 2020.
- 8) One Week STTP on Data Analysis in MS Excel from 29 June, 2020 to 04 July, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.
- 9) FDP on “ADVANCES IN COMPOSITE MATERIALS AND MANUFACTURING PROCESS” organized by Department of Mechanical Engineering, St. Ann’s College of Engineering and Technology, Chirala from 22/06/2020 to 26/06/2020.

- 10) One Week STTP on “Material Science and Engineering” from 22 June, 2020 to 27 June, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.
- 11) One Week STTP on “Statistical Analysis in SPSS Software” from 01 June, 2020 to 06 June, 2020 organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India.
- 12) One week Faculty Development Training Program on “Technical Teacher’s Training” held from 22nd to 27th May, 2020 organized by VVIT, Pal.
- 13) Faculty Development Program on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” from 11-15 May 2020 under Margdarshan Scheme of AICTE, New Delhi organized by Government College of Engineering Karad.
- 14) FDP on “Hands on Training on PYTHON software” organized by Dwarkadas J. Sanghvi College of Engineering in association with Spoken Tutorial, IIT Bombay from May 3<sup>rd</sup> – 7<sup>th</sup>, 2020.
- 15) Training on "Systematic Innovation through TRIZ" Organized by TRIZ Chapter - GCOERC, Nashik from 15<sup>th</sup> – 17<sup>th</sup> May 2020.
- 16) Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.
- 17) NPTEL – AICTE FDP Certificate for successfully completing the course on “Advanced Materials and Processes” , Jul – Oct 2019.
- 18) AICTE-ISTE approved Induction/Refresher Programme on “Challenges & Opportunities in Manufacturing Processes in Indian Scenario ” organized by D. J. Sanghvi College of Engineering , Mumbai from 2<sup>nd</sup> July 2019 – 6<sup>th</sup> July 2019.
- 19) Meity, Govt. of India, Sponsored One Week FDP on “Artificial Intelligence, Machine Learning and Block Chain Technology in Production and Supply Chain Management” organized by E&ICT Academy and Department of Mechanical Engineering , National Institute of Technology , Warangal from 25<sup>th</sup> – 30<sup>th</sup> April 2019.
- 20) AICTE-ISTE approved Induction/Refresher Programme on “Robotics and Industrial Automation ” organized by SVKM’s Dwarkadas J. Sanghvi College of Engineering , Mumbai from 12<sup>th</sup> November 2018 – 16<sup>th</sup> November 2018.
- 21) Participated in one day National Webinar on “ Nurturing Entrepreneurial Ecosystem in Undergraduate Colleges” organized by Nagindas Khandwala College – IQAC and RUSA , Maharashtra on 9<sup>th</sup> July, 2021.
- 22) Attended webinar on “Design-Past , Present and Future” organized by Mechanical Engineering Department, Dwarkadas J. Sanghvi College of Engineering, Mumbai on 13<sup>th</sup> of June 2020.
- 23) Attended webinar on “Challenges in Non Destructive Testing and Future Prospects” organized by Dwarkadas J. Sanghvi College of Engineering, Mumbai on 29<sup>th</sup> of May 2020.

**Contact Details** :

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