

Name of Teaching Staff : Prof. Dhananjay S. Shukla
Designation : Assistant Professor
Department : Mechanical Engineering
Date of Joining the Institution : 05.01.2015



Qualifications with Class / Grade : M.Tech. Mechanical Engineering with specialization in Thermal Engineering, VJTI, Matunga, Mumbai University, 9.8 CPI (**Gold Medalist**), July 2013.

B.E. Mechanical Engineering, S.S. Jondhale College of Engineering, Mumbai University, 79.50% (**6th Rank** holder in Mumbai University & **1st Rank** holder in S.S. Jondhale College of Engineering), May 2010.

Total Experience in Years : **Teaching:**
Assistant Professor in D.J. Sanghvi College of Engineering from 05-01-2015 to till date.
Assistant Professor in Konkan Gyanpeeth College of Engineering from 10-01-2014 to 22-08-2014.
Assistant Professor in A.C. Patil College of Engineering from 05-08-2013 to 23-12-2013.
Lecturer in S.S. Jondhale College of Engineering from 21-09-2010 to 19-06-2011.
Industry:
02 months as Project internship, Cummins India Ltd.
09 months as Project internship, Nuclear Power Corporation of India Ltd. (NPCIL).

Research

Papers Published:

International: ---

- [1] N.P. Gulhane, A.D. Landge, D.S. Shukla, S.S. Kale (2015), Experimental Study of Iodine Removal Efficiency in Self-Priming Venturi Scubber, Annals of Nuclear Energy > 2015 > 78 > Complete > 152-159, Journal ISSN: 0306-4549, DOI:[10.1016/j.anucene.2014.12.008](https://doi.org/10.1016/j.anucene.2014.12.008).
- [2] Dhiraj Nigade, Dhananjay Shukla, Ravikant Hattale (2020), A Review on Squeeze Casting of Aluminium-Based Alloys and Its Composites, Proceedings of International Conference on Intelligent Manufacturing and Automation, Lecture Notes in Mechanical Engineering, Dwarkadas J. Sanghvi College of Engineering, Vile Parle, https://link.springer.com/chapter/10.1007/978-981-15-4485-9_48.
- [3] Amit Chaudhari, Aditya Rane, Shamir Talkar, Pavan Rayar, Dhananjay Shukla (2021), Designing and Prototyping for Conservation and Effective Utilization of Waste Heat from Air Conditioner, IOP Conference Series Materials Science and Engineering, DOI:[10.1088/1757-899X/1104/1/012007](https://doi.org/10.1088/1757-899X/1104/1/012007).

National: ---

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Professional Memberships : ISTE, ISME

- Faculty Development Programme's completed from NPTEL SWAYAM platform : [1] Heat Exchangers : Fundamentals and Design Analysis
[2] Computational Fluid Dynamics using Finite Volume Method
- Faculty Development Programme's /Workshops completed from SVKM affiliated institutions : [1] One week AICTE-ISTE approved Short Term Training Programme On Robotics & Industrial Automation by the Departments of Mechanical & Production Engineering (DJSCOE)
- One day Faculty Development Programme's completed from TCS : [1] Intellectual Property Rights
- Other 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] Emerging trends in Refrigeration & Air-Conditioning (Pimpri Chinchwad College of Engineering & Research, Pune)
[3] Altair Hyperworks & 3D Printing (Fr. C. Rodrigues Institute of Technology, Navi Mumbai)
- Courses completed from Coursera : [1] Assessment in Higher Education: Professional Development for Teachers
[2] Learning to Teach Online
[3] AI for everyone
[4] Machine Learning for All
[5] Renewable Energy and Green Building Entrepreneurship
[6] Code Yourself! An Introduction to Programming
[7] How Things Work: An Introduction to Physics
[8] Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360
[9] Statistical Molecular Thermodynamics
[10] Welcome to Game Theory
[11] Healthcare Organizations and the Health System

- Webinars attended :
- [1] Design - Past, Present and Future (Dwarkadas J. Sanghvi College of Engineering, Mumbai)
 - [2] How to make yoga a way of life: International Yoga day (Shree L.R. Tiwari College of Engineering, Mumbai)
 - [3] A Special Case of Linear Programming Problems: Transportation problems (Pacific School of Engineering, Surat)
 - [4] Challenges in Non-Destructive Testing and Future Prospects (Dwarkadas J. Sanghvi College of Engineering, Mumbai)
 - [5] Car Czar organized by Department of Automobile Engineering (M.H. Saboo Siddik College of Engineering, Mumbai)
 - [6] Design of Experiment (Amrutvahini College of Engineering, Sangamner)

- Other Programs attended :
- [1] NDLI Awareness Program organized by the NDLI Club of Dwarkadas J. Sanghvi College of Engineering NDLI Club.
 - [2] Academia Industry Collaboration: Issues, Challenges and Opportunities (19th ISTE State Annual Faculty Convention, 2019, Maharashtra-Goa section in Association with DTE Maharashtra, MSBTE & CII held at A.P. Shah Institute of Technology, Thane).
 - [3] Online Quiz Competition programs attended on several topics like E-Learning, PBL, Electrical Safety, Basic Electronics Engineering, General Mechanical Engineering, Engineering Mechanics, CAD/CAM, Finite Element Analysis, Thermal and Fluid Engineering etc.