

Faculty Name: Dr.Milind Motiram Patil

Designation : Professor

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**BIO**

Dr. Milind Motiram Patil is Professor and Head of Mechanical Engineering Department and also handling the responsibility of Dean Administration at SITRC, Nasik (MS), India. He earned his Master degree in Mechanical Engineering with the specialization in Design Engineering and Ph.D. in Mechanical Engineering in the domain of Ergonomics and Mechanical Vibrations. His research interest includes Mechanical Vibrations, Ergonomics, Mechanical Design and Non Conventional Energy Sources, Battery Cooling Systems. This includes diagnostic approach in vibrations, NVH, online conditioning and monitoring, mechanical design and heat transfer and thermal management in battery pack for electric vehicles. His research has been disseminated in several internationally reputed journals and conferences. He has supervised many masters' students. He is a Life Member of Indian Society for Technical Education (ISTE) and Member of The Institution of Engineers (AMIE), Life Member of ISME, New Delhi.

Qualification:

1. BE (Mechanical Engineering)
2. M.E Mechanical (Design Engineering)
3. Ph.D. (Mechanical Engineering)

Paper Publications details:

1. Indian patents: 4 filed (1 published)
2. International Journal: **21**
3. International Conference: **09**
4. International Book Publication: **01**

Research Work:

1. **Title of the Ph.D. thesis:** Design Improvement using CAD for Motorcycle from Ergonomics Point of View.
2. Received grant of Rs 1,00,000/- through Innovation and Entrepreneurship Development Cell (IEDC) from Department of Science and Technology, Government of India for development of “Foldable Solar Dryer” formulated by BARC Technologies Trombay, Mumbai.
3. Received grant of Rs 1,00,000/- through Innovation and Entrepreneurship Development Cell (IEDC) from Department of Science and Technology, Government of India for development of “Power operated Chaff Cutter”.

Experience:

1. Teaching experience: 26 Yrs.
2. Research experience : Nil

Subjects:

Kinematics of Machinery Theory of Machines-II Dynamics of Machinery Design of Machine Elements
Advanced Manufacturing Process Hydraulics and Pneumatics.