

Faculty Name: Dr. Baviskar Prasad Ramchadra

Designation : Professor

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**BIO**

Dr. Prasad Ramchandra Baviskar is Professor in the Mechanical Engineering department and also handling the responsibility of Dean Academics at SITRC, Nasik (MS), India. He earned his Master degree in Mechanical Engineering with the specialization in Design and Ph.D. in Mechanical Engineering in the domain of Mechanical Vibrations. His research interest includes Mechanical Vibrations, Mechanical design and solar energy applications. This includes diagnostic approach in vibrations, NVH, online conditioning & monitoring, mechanical design and development of energy efficient solar devices. His research has been disseminated in several internationally reputed journals and conferences. He has supervised many masters' students and served as reviewer for many reputed journals. His peripheral interests lie in activities that include reading, singing and playing sports.

Qualification:

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

Paper Publications details:

1. Indian patents: 3 filed (1 published)
2. International Journal: 17
3. International Conference: 14
4. Book Chapter: Nil

Research Work:

1. **Title of the Ph.D. thesis:** Study and Failure Analysis of Rotor Shaft in Industrial Fan using Vibration Technique

Experience:

1. Teaching experience : 25

Subjects:

1. Mechanical System Design,
2. Kinematics of machinery
3. theory of machines
4. Dynamics of Machinery
5. Transmission system design
6. Vibrations & Noise Control
7. Design of Machine Elements
8. I.C. Engines