



Name: Kulkarni Pravin Ganpatrao

Contact Details:

- 1) Email id: pgk_mech@pvgcoet.ac.in
- 2) Phone Number with extension: 020-24228258-433
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Educational Qualification:

- 1) Ph D (Mechanical Engineering) , University of Pune(SPPU),Pune,2015
- 2) ME (Mechanical), Shivaji University, Kolhapur,2001
- 3) BE (Mechanical), Dr. BAMU, Aurangabad,1998

Research Interests:

Condition Monitoring, Vibrations, Signal Processing

Field of Consultancy (Aspiring):

Condition Monitoring, Signal Processing

Consultancy offered:

Guided PG students from Sinhgad College and VIT working in the area of condition monitoring

Research Projects :

1. Title: Investigations on Signal Processing Techniques for Vibration Monitoring of Rolling Bearings

2. Area: Vibrations, Signal Processing

3. Sponsoring Agency: BCUD, Pune (Ref. No: BCUD/OSD/522 dt. 26/02/2011)

4. Duration: 2 Years

Publications:

1) International Journals: 03

- P. G. Kulkarni, A. D. Sahasrabudhe, A Dynamic Model of Ball Bearing for Simulating Localized Defects on Outer Race using Cubic Hermite Spline, *Journal of Mechanical Science and Technology (Springer)*, Vol. 28 (9) (2014) 3433-3442.
- P. G. Kulkarni, A. D. Sahasrabudhe, Application of Wavelet Transform for Fault Diagnosis of Rolling Element Bearings, *International Journal of Scientific & Technology Research*, Vol. 2(4) (2013) 138-148, ISSN 2277-8616.
- Vibration Based Condition Assessment Of Rolling element Bearings With Localized Defects, *International Journal of Scientific & Technology Research*, Vol. 2(4) (2013) 149-155, ISSN 2277-8616

2) IEEE Xplore: 01

- P. G. Kulkarni, A. D. Sahasrabudhe, A Theoretical Model for Studying Vibrations of Ball Bearing With Localised Defects on Inner Race using Cubic Hermite Spline, *IEEE International Conference on Industrial Instrumentation and Control* (2015).

Professional Society Memberships:

ISTE: LM ISTE 33829

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