

Faculty Profile



Name: Dr. T. GOVARDHAN
Designation: Assistant Professor
Teaching Areas: Kinematics and Dynamics of Machinery
Control of Dynamic Systems
Mechanics of Solids
Research Interests: Vibration based condition monitoring of Machinery.
Education: Ph.D., Sir Padampat Singhania University, Udaipur, 2017
M.E., Osmania University, Hyderabad, 2004
B.Tech., J.N.T.U. Hyderabad, 1999

Professional Experience:

1. January 2019 to till date : Assistant Professor, Dept. of Mech. Engg., FST, IFHE, HYD.
2. June 2017 – Dec., 2018 : Associate Professor, Dept. of Mech. Engg., B.I.E.T., HYD.
3. Jan., 2011 – March., 2017 : Associate Professor, Sir Padampat Singhania University.
4. July, 2008 – Dec., 2010 : Faculty Member, ICFAI University, Hyderabad and Dehradun.
5. Oct., 2004 – July, 2008 : Associate Professor, Dept. of Mech. Engg., T.K.R.C.E.T., HYD.
6. Dec., 2000 – Sept., 2004 : Associate Professor, Dept. of Mech. Engg., T.K.R.C.E.T., HYD.

Research / Selected Publications:

1. **T. Govardhan**, Achintya Choudhury and Deepak Paliwal, Numerical Simulation and Vibration Analysis of Dynamically loaded Bearing with defect on Rolling element, *International Journal of Acoustics and Vibrations*, 23(3) pp.332-342, (2018). **(SCIE and SCOPUS indexed)**
2. **T. Govardhan** , Achintya Choudhury and Deepak Paliwal, Vibration Analysis of Dynamically Loaded Bearing with Distributed defect Based on Defect induced Excitation, *International Journal of Dynamics and Control*, Springer. 6(2) pp. 499-510, (2017). **(SCOPUS indexed)**
3. **T. Govardhan** , Achintya Choudhury and Deepak Paliwal, Vibration Analysis of a Rolling Element Bearing with Localized Defect under Dynamic Radial Load, *Journal of Vibration Engineering and Technologies*. 5(2) pp. 167-177, (2017). **(SCIE and SCOPUS indexed)**
4. Govardhan, T., Choudhury, A and Paliwal, D., An investigation into defect induced excitations in rolling element bearings under dynamic radial load, *IEEE International Conference on Industrial Instrumentation and Control (ICIC)*, IEEE Xplore , pp. 217 – 222,(2015). **(SCOPUS indexed)**
5. Govardhan, T., Choudhury, A. and Paliwal, D., Load distribution in a rolling element bearing under dynamic radial load, *Applied Mechanics and Materials*, vol. 592-594, pp. 1099 - 1103, (2014).
6. Achintya Choudhury, Deepak Paliwal and Govardhan Tingarikar, Effect of variation in clearance on the vibration response of Defective Rolling Element Bearings, 11th International Conference on Vibration Problems, Lisbon, Portugal, 9-12 September 2013
7. Govardhan, T., Choudhury, A. and Paliwal, D., The Influence of variation in clearance and load on Vibration Response of Defective Rolling Element Bearings under dynamic load, *Proc. of the Intl. Conf. on Computing in Mechanical Engineering*. Research Publishing Services, Singapore.