FACULTY PROFILE

Name: **Dr.RAJESH CHOLLANGI**

Designation : Assistant Professor

Teaching Areas: Vibration Control, Smart Materials, Structural Analysis & Design of structures

Research Interests: Engineering Mechanics, Strength of Materials, Finite Element Analysis, Mechanical Vibrations.

Education:

- Ph.D., Machine Design, JNTUH, Hyderabad
- M. Tech (CAD/CAM), JNTUH, Kakinada, 2003
- B.E. (Mechanical Engineering), GITAM, Andhra University, Visakhapatnam, 1996

Professional Experience (Total: 19 years; Teaching: 14 years and Industrial: 5 Years)

- 2010- till date : Assistant Professor, ITS, IFHE University, Hyderabad.
- 2009 - 2010 : Assoc. Professor, Mechanical Department, School of Engineering, CMRTES GI, Hyderabad.
- 2007 - 2009 : Faculty Member, Mechanical Department, Icfai Tech., Hyderabad.
- 2004 - 2007 : Assoc. Professor, Mechanical Department, Bandari Srinivas Institute of Technology, Hyderabad.
- 2003 – 2004 : Assistant Professor, Mechanical Department, Manan Institute of Science & Technology, Hyderabad.
- 1996 – 2001 : Maintenance Engineer, Krishna Sai Plastics, Hyderabad.

Publications in Journals and conferences :

1. P. Ravikanth Raju, Ch. Rajesh, Mohammed Zuber, R. Venkat Reddy, ," Free Vibration Analysis of Curved Cantilever Sandwich Structure", Int. Journal of Engineering Research and Application ISSN: 2248-9622, Vol. 7, Issue 12, (Part -7) December 2017, pp.01-08.

2. Ch. Rajesh, J. Suresh Kumar," Free Vibration Analysis of various Viscoelastic Sandwich Beams", Indian Journal of Science and Technology (IJST), Vol. 09 Special Issue 1, Dec – 2016, PP 1-8.

3. Ch. Rajesh, J. Suresh Kumar,"Free Vibration Analysis of Viscoelastic Sandwich Beam using Euler Bernoulli Theory", International Journal of Engineering Research & Technology (IJERT),ISSN: 2278-0181, Vol. 5 Issue 06, June-2016, PP 566-570.

4. Santhosh Kumar. G, K. Hema Chandra Reddy, Ch. Rajesh and G. Suresh Kumar, IFHE University, India and JNT University, India. "A Review on Study of the Effect of in Cylinder air Swirl on Diesel Engine Performance and Emission". International Journal of Recent advances in Mechanical Engineering (IJMECH) Vol.1, No.2, November 2012 PP 11-18.
5. Reddy, M. Amarnath, Rajesh, Ch., Kumar, A.C.S. and Sasidhar, B., "Modeling Turning Parameters for PCD Cutting Tool for Decision Process by Evolutionary Multi-ObjectiveOptimization Techniques Using Micro-Genetic Algorithm". The IUP Journal of

Mechanical Engineering, Vol. V, No. 3, August 2012, pp. 5-14.