


RESUME

Name	Dr. T. A. Jadhav	
Qualification	Ph. D. (Mechanical Engineering)	
Experience	Teaching- 30 Yrs., Industry- 0 Yrs.	
Date of Joining STES	20/12/2003	
email id	tajadhav.scoe@sinhgad.edu	
No. of students guided	Ph D – 00; M.E. - 25	
Publications	https://scholar.google.com/citations?authuser=1&user=xIZMOWwAAAAJ	
Patent granted/published	Telescopic Spanner	
Funded Research Projects Details:	<p>Title- Experimental studies on the method of particle damping for alleviation of vibration and noise harshness in mechanical system</p> <p>Abstract- Particle impact damping (PID) is a means for achieving high structural damping by the use of a particle-filled enclosure attached to the structure in a region of high displacements. The particles absorb kinetic energy of the structure and convert it into heat through inelastic collisions between the particles and the enclosure, and amongst the particles. In this work, PID is measured for a cantilevered aluminum beam with the damping enclosure attached to its free end; lead particles are used in this study. The effect of acceleration amplitude and clearance inside the enclosure on PID is studied.</p> <p>Amount received- Rs.175000; Duration- 2 Yrs Funding agency- BCUD SvitribaiPhule Pune University, Outcomes-One project assigned to UG&PG students</p>	