

## Bio-Data

---

I am pursuing PhD in the Department of Mechanical Engineering, Indian Institute of Technology Kharagpur and am presently associated with the Mechanical Dynamics and Simulation Laboratory of the department. I have completed Bachelor of Engineering (B.E.) in Mechanical Engineering from Bengal Engineering and Science University, Shibpur ( presently known as Indian Institute of Engineering Science and Technology Shibpur) in the year 2008. Then I joined Indian Institute of Technology Kharagpur for Master of Technology ( M. Tech.) in Mechanical Systems Design. I passed M. Tech. in 2010 and then joined the PhD program in the same department. My areas of academic pursuit include Vibration, Semi-active Control and Magneto-rheological Fluids.

Publications from this thesis are listed below.

- S. Dutta, & G. Chakraborty, Performance analysis of nonlinear vibration isolator with magneto-rheological damper, Journal of Sound and Vibration 333(2014), pp. 5097-5114.
- Saikat Dutta, Sangolla Narahari, Goutam Chakraborty, Semi-active vibration isolation of a quarter car model under random road excitations using Magnetorheological dampers, Proceedings of the 1stInternational and 16thNational Conference on Machines and Mechanisms (iNaCoMM2013), IIT Roorkee, India, Dec 18-20, 2013.