



Name of the Faculty

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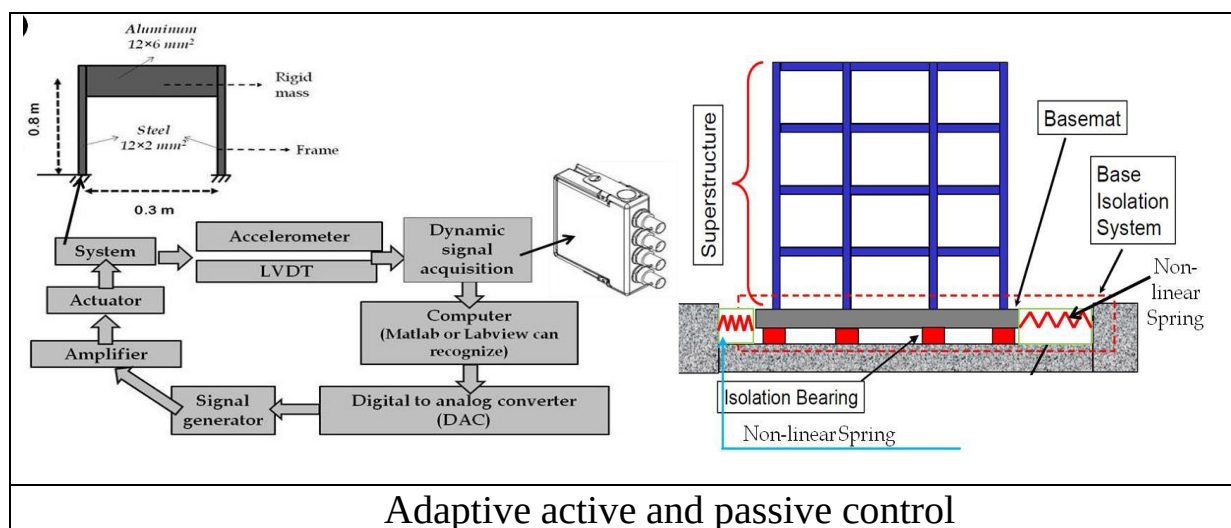


Research Interests

- Vibration Control of Structure
- Passive, active and semi active feedback control of structures
- Nonlinear dynamics of structure
- Substructure shaking table test

Brief Summary of Research

Sanjukta has published 15 research papers in refereed international journals and conferences. Her research interests are primarily focussed on the vibration control of structure under random excitation considering various passive and active mechanisms with an emphasis on analytical and experimental investigations.



Recent Publications

- Sachdeva, G., Chakraborty, S., Ray Chaudhuri, S. (2018) “Seismic response control of a structure isolated by flat sliding bearing and nonlinear restoring spring: Experimental study for performance evaluation”, Engineering Structures, Vol 159, Page 1—13
- Chakraborty, S., Ji, X. (2018) “Comparative Assessment of Linear Quadratic Algorithm between Real and Independent Modal Space”, In proceedings of the 7th World Conference on Structural Control and Monitoring, 7WCSCM, Qingdao, China