



**Dr. S. P. Harsha** , *Associate Professor*  
Indian Institute of Technology, Roorkee

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TALK : [Modeling and Simulation of Nano-Scale dynamic Systems](#)

I am currently pursuing as an Associate Professor in Mechanical & Industrial Engineering Department (MIED), IIT Roorkee. Prior to join MIED, IITR in May 2007 as an Assistant Professor, I was Post-doctoral research fellow for NASA/ONR sponsored project at Philadelphia, USA for one and half years. From December 1999 to 2005, I served as an Assistant Professor in Mechanical Department, BITS, Pilani. I did my BE (Mech. Engg.) & ME (Thermal Engg.) from MBM Engg. College, Jodhpur and PhD from BITS, Pilani.

#### Guided

- 10 PhD (completed), 05 (in progress)
- 39 MTech (completed), 05 (in progress)
- 25 BTech project groups (completed), 03 (in progress)

#### Research Projects:

- 04 sponsored research projects funded by ONR-USA, DST-ND, MHRD-ND and ISRO completed of the cost of 1 Cr.
- Nearly 42 consultancy projects funded by various companies Govt./Private completed of the cost of 1.5 Cr.
- International collaborative research projects:
  - Euro-Asia Research Program on Sound and Vibrations (Completed): 5 Cr.
  - Swedish International Development Agency (SIDA) Program on Vibrations Control (Completed): 50 Lacs
  - Indo-US Science & Technology Forum (IUSSTF) Project (in progress): 50 Lac

#### Publications:

- International Journals: 104 (Published); 03 (Accepted)
- National Journals: 02 (Published)
- Conference: 89 (Published), 06 (Accepted)