Curriculum Vitae and List of Publications

SATYAM M. SHINDE
Department of Physics,
Faculty of Science,
The Maharaja Sayajirao University of Baroda,
Vadodara – 390 002.

Academic Experience:

- Working as a lecturer in Physics at Institute of Diploma Studies, Nirma University of Science and Technology, Ahmedabad since August 2005.
- Worked as a lecturer in Engineering Physics at Valia Institute of Technology - Valia affiliated to Veer Narmad South Gujarat University from Nov.2002 to August 2005.
- Served as a lecturer in Engineering Physics at Marconis Institute of Engineering, Vadodara, affiliated with IME, Mumbai from August – 2001 to September - 2002.

Educational Qualification:

- **PhD** in Physics, ***"PHONONS IN SOME COMPOUND SEMICONDUCTORS AND DILUTED MAGNETIC SEMICONDUCTORS AT HIGH PRESSURE"*** under the Guidance of Dr. P. K. Jha, Physics Department, The M.S.University of Baroda, Baroda
- **M.Sc.** in Physics (Electronics and Radio Physics) from M.S.University of Baroda with **First class** in 2000.
- **B.Sc.** in Physics from M.S.University of Baroda with **Second class** in 1998.
- **H.S.C.** Passed with First class from GSEB in April –1995.
- **S.S.C.** Passed with Distinction from GSEB in March –1993.

Research Papers/ Presentations:

- **Satyam Shinde** and P.K.Jha, International Journal of modern Physics **B**, (2006) (Submitted) (Phonon properties of III-V nitrides and phosphides at high pressure).
- **Satyam Shinde**, Ankur Pandya and P.K.Jha, Indian Journal of Pure and Applied Physics, 44, 148 (2006). (Mechanical, Elastic and Anharmonic properties of $Zn_{1-x}Cr_xTe$ ($0 \leq X \leq 1$) diluted magnetic semiconductor)

- Mina Talati, **Satyam Shinde**, P. K. Jha, Physica B, **348** ,235-241 (2004). (High Pressure Phase transition and anharmonic properties of $Zn_{1-x}M_xSe$ (M=Cd, Fe, Mn) Diluted Magnetic Semiconductors).

- **Satyam Shinde**, M.Talati, S.P.Sanyal and P.K.Jha Pramana, **63**, 425-429(2004) (Theoretical Study of transverse acoustic phonons of GaSb at high pressure).

- **Satyam Shinde** and P.K.Jha, 46th DAE Solid State Physics Symposium **46**, 581, (2003) (Lattice Vibrations in Zinc Blende MgS)

Participation in Seminar/Workshop/conference:

- National Conference on Condensed Matter and Material Physics, 19-21, January 2006, Physics Department, The M.S. University of Baroda, Vadodara.

- National Symposium on Nano Materials and Magnetic Materials, 21-22 March **2005**, Applied Physics Department, The M.S.University of Baroda, Vadodara.

- International Conference on Nano Materials and Magnetic Semiconductors, 10-14 February, **2004** The M.S.University of Baroda, Vadodara.

- One Day Seminar on Nanostructure, 24 March,**2003**, The M.S.University of Baroda, Vadodara.

- 46th DAE Solid State Physics Symposium, 26-30 December **2003**, Gwalior.

- IPA Inter Chapter meeting, 20 April, **2002**, The M.S.University of Baroda, Vadodara.