Curriculum Vitae

Mr. Ankur A Pandya
B/15, Kalyananagar Soc.,
B/h Nehrunagar,Pij Road,
Nadiad.Gujarat, India – 387 002.
E-mail : ankur_msub@yahoo.co.in, ankur-phy@msubaroda.ac.in
Phone: (0268)-2532283,
Cell : +91-9428647276.

Professional Experience

Worked as **Research Scholar and JRF (UGC Project) in** Department of Physics, The Maharaja SayajiRao University of Baroda, Vadodara during July 2003 to July 2007.

Working as Teaching Assistant September 2007 to till date in Department of Physics The Maharaja SayajiRao University of Baroda, Vadodara.

Educational Qualification

1) M.Sc. (Physics) from Maharaja Sayajirao University of Baroda, Vadodara with Second Class.

2) B.Sc. (Physics) from Gujarat University in April 2000 with Second Class.

3) HSC from GSEB, Gandhinagar in 1996 with Second Class.

4) SSC from GSEB, Gandhinagar in 1994 with First Class.

Research Papers/ Presentations

1) **Ankur Pandya,** Satyam Shinde, P.K.Jha: Hot electron scattering Rates via LO-phonon emission in Two Dimensional $GaAs_{1-x}N_x$ Indian Journal of Pure and Applied Physics, ... **(2008)** (in communication).

2) **Ankur Pandya,** P.K.Jha: Influence of EM fields on electreon phonon relaxation time via deformation potential in two dimensional diluted nitride alloys..... Physica E, (Submitted) (2008).

3) **Ankur Pandya** and P.K.Jha, Phonon interaction and deformation potential variation with temperature and concentration in diluted $Ga_{1-x}Mn_xN$ quantum well , *Indian Journal of Pure and Applied Physics* ,45 **(2007).**

4) Satyam Shinde, **Ankur Pandya,** and P.K.Jha: Mechanical, elastic and anharmonic properties of $Zn_{1-x}Cr_xTe$ (0 x 1) diluted magnetic semiconductor, Indian Journal of Pure and Applied Physics, 44 **(2006).**

5) **Ankur Pandya**, Prafulla K. Jha, M.R.Barcellos, I.C. da Cunha Lima, A. Troper: Spin relaxation in GaAs quantum wells: influence of the confinement scale on the temperature dependence *Proceedings of the DAE Solid State Physics Symposium* 51 **(2006).**

6) **Ankur Pandya,** Satyam Shinde, P.K.Jha: Hot electron scattering Rates via LO-phonon emission in Two Dimensional $GaAs_{1-x}N_x$ *Proceedings of the DAE Solid State Physics Symposium* 51 **(2006).**

7) **Ankur Pandya**, Mina Talati, and P.K.Jha: Electron acoustical phonon interactions in two dimensional $Ga_{1-x}Mn_xN$ alloys, Proceedings of the DAE Solid State Physics Symposium, 50 **(2005).**

8) **Ankur Pandya**, Mina Talati, and P.K.Jha: Electron phonon scattering rates in two dimensional $GaAs_{1-x}N_x$, *Proceedings of the DAE Solid State Physics Symposium* 48 **(2004).**

Participation in Seminar/Workshop/conference

1. DAE-SSPS, Bhopal, 26-30 December 2006
2. CMMP-07, Jaipur,1-3 February 2007
3. National Conference on Condensed Matter and Materials Physics, The M.S.University of Baroda, Vadodara, 19-21 January 2006.
4. National Symposium on DAE- SSPS05, BARC, Mumbai, 5-9 December 2005.
5. National Symposium on Science, Technology & Applications of Nanomaterials, Vadodara, 21-23 March 2005.
6. DAE-Solid State Symposium, Amritsar, 26-30 December 2004.
7. International Workshop on Nanomaterials, Magnetic Ions and Magnetic Semiconductors studied mostly by Hyperfine Interactions, Vadodara, 10-14 February 2004.
8. Work shop on Thermal Analysis, Vadodara, 7th February 2003.