List of Publications/Preprints

*[1] Range profile and lattice location of MeV implant of Sb in Si (100);
   **S. Dey**, G. Kuri, B. Rout, S. Varma;

*[2] Raman Spectroscopy Study of Nanostructures of Si in Sb implanted Si (100);
   **Soma Dey**, Chaitali Roy, Asima Pradhan and Shikha Varma;

*[3] Sb implantation in Si (100): Channeling and Damage Studies.
   **S. Dey**, G. Kuri, B. Rout, S. Varma;

*[4] A High energy ion micro-beam facility for materials characterization ;
   B. Rout, S. K. Ghose, **S. Dey**, D. P. Mahapatra, B. N. Dev, H. Bakhru and A. W. Haberl;
   Solid State Physics (India), Vol 42, 266 (1999), University Press, Hyderabad.

*[5] Raman scattering characterization of Si(100) implanted with mega-electron-volt Sb;
   **Soma Dey**, Chaitali Roy, Asima Pradhan and Shikha Varma;

*[6] Damage Studies of MeV Sb Implanted Si(100) by Channeling and Raman Spectroscopy;
S. Dey, A. Pradhan and S. Varma;

*[7] Characterization of Si Nanostructures due to MeV implantation; Soma Dey
and Shikha Varma;

*[8] Anomalous behavior of MeV implanted Sb due to Carbon-Irradiation;
Soma Dey and Shikha Varma;

[9] Development of an ion micro-beam facility at Institute of Physics, Bhubaneswar;

*[10] Nanostructures of Si in Sb implanted Si(100);
S. Dey, A. Pradhan and S. Varma:

*[11] Surface modification of MeV Sb Implanted Si(100) by AFM;
S.Varma, S. Dey and V. Ganesan;

*[12] Effect of Carbon-irradiation on the damage profile of MeV implanted Sb;
Soma Dey and Shikha Varma ;

* indicates papers on which this thesis is based