

List of Publications.

1. Effect of ion irradiation on hydrogen gas sensitivity of polymer.
N.L.Singh, V. Shrinet, N.R.Pandya, Anita Sharma, N.V.Patel and D.K.Avasthi
Nucl. Instr. and Meth. **B 156** (1999) 191
2. Effect of ion beam irradiation on microhardness of polyethylene terephthalate
P.H.Soni, Anita Sharma, N.L.Singh, C.F.Desai, N.R.Shah, V.Shrinet and D.K.Avasthi
Annual Report, Nuclear Science Centre, New Delhi, page 109, (1999-2000).
3. Effect of high energy (MeV) ion beam irradiation in polyethylene terephthalate.
Nandlal Singh, Anita Sharma and D.K.Avasthi.
Nucl. Instr. and Meth. **B 206** (2003) 1120.
4. Electrical properties of ion irradiated polypropylene films.
N.L.Singh, Anita Sharma, V.Shrinet, A.K. Rakshit and D.K.Avasthi
Bull. Mat. Sci **27** (2004) 263.
5. Dielectric properties of 50MeV Li^{3+} ion irradiated PET films.
Anita Sharma, Anjum Qureshi, N. L. Singh, D.K.Avasthi and V. Shrinet
DAE Symposium on Solid State Physics. **47 C**, (2004).
6. Effects of 50MeV Li^{3+} ion irradiation on kapton films.
Anita Sharma, N.L.Singh, M.S.Gadkari, V.Shrinet and D.K.Avasthi.
J. Macromol. Sci. PAC **A 42** (2005) 149
7. Temperature and frequency dependent electrical properties of 50MeV Li^{3+} ion irradiated polymeric blends.
N.L. Singh, Anita Sharma, D. K. Avasthi and V. Shrinet
Radiation Effects and Defects in Solids Vol.160 (2005) 99.
8. Study of mechanical and structural properties of polymeric blends
Anita Sharma, Anjum Qureshi, N.L. Singh, S. Bhattacharya and V. Shrinet.
J. of Eng. and Mater. Sci (Communicated).
9. Effects of 50 MeV Li-ion irradiation on thermal and structural characteristics of polymeric blends.
Anita Sharma, Anjum Qureshi, N.L.Singh, V.Shrinet, D.K.Avasthi and A.K.Rakshit
Ind. J. Pure and Appl. Phys. (Communicated).