List of Publications

Research Papers in International/National Journals:


- **Mahak Chawla**, Annu Sharma, Sanjeev Aggarwal and K. G. M. Nair, “RBS studies of Ar$^+$ and $N^+$ implanted polypropylene” (communicated).


Research Papers in Proceedings:


- **Mahak Chawla**, Rubi, Rajiv Kumar, Annu Sharma, Sanjeev Aggarwal, Praveen Kumar and D. Kanjilal, “Modifications of the structural properties of Polyethylene
terephthalate (PET) by 150 keV Ar+ ion implantation”, in National Conference on Recent Advances in Material Science (NCRAMS-2012), February 25-26, 2012, held at Dyal Singh College, Karnal.


**Papers presented in International/National Conferences/Symposia**

- Mahak Chawla, Nidhi Shekhawat, Sanjeev Aggarwal, Annu Sharma and K. G. M. Nair, “Electrical properties and dielectric spectroscopy of Ar+ implanted polycarbonate” in International Conference on Condensed Matter Physics (ICCMP-2014), November 4-6, 2014 at Department of Physics, Himachal Pradesh University, Shimla.

- Rajiv Kumar, Mahak Chawla, Rubi, Annu Sharma, Sanjeev Aggarwal, Praveen Kumar and D. Kanjilal, “Electrical and Optical characteristics of Ar+ implanted Polyethylene terephthalate (PET)”, in International Conference and Workshop on Nanostructured Ceramics and Other Nanomaterials (ICWNCN) March 13-16, 2012, held at Department of Physics and Astrophysics, University of Delhi, Delhi.

- Rajiv Kumar, Mahak Chawla, Annu Sharma, Sanjeev Aggarwal, Praveen Kumar and D. Kanjilal, “Effect of 150 keV Argon ion implantation in Polyethylene terephthalate (PET)”, in National Seminar on Frontiers in Polymer Science, November 18-19, 2011, held at Department of Chemistry, Himachal Pradesh University, Shimla.

**Workshop/ School/ Symposium Participated**

- School on Accelerator Science and Technology, May 12-23, 2014 at Inter University Accelerator Centre, New Delhi.

- Two Days National Workshop on Ion Beam Induced Growth and Engineering of Materials, March 11-12, 2014 at Department of Physics, Kurukshetra University, Kurukshetra.

- Symposium on Recent Research Trends in Physics, March 01-02, 2014 at Kurukshetra University, Kurukshetra.