List of Publications

Publications in International Journal:

1. **100MeV Ag ions irradiation effects on the optical properties of Ag_{0.10}(Ge_{0.20}Se_{0.80})_{0.90} thin films.**
   Akshay Kumar, S K Tripathi, P K Kulriya, A Tripathi, F Singh and D K Avasthi

2. **Effect of Bi Addition on the Electrical Properties of a-Ge-Se-In Thin Films.**
   Ishu Sharma, Akshay Kumar, S.K. Tripathi and P.B. Barman

3. **Effect of phase transition on the optical properties of In_{x}Se_{1-x} thin films.**
   Falah I Mustafa, Akshay Kumar, N. Goyal and S.K. Tripathi

4. **Optical Properties of Oxygen beam irradiated Ag_{0.10}(Ge_{0.20}Se_{0.80})_{0.90} Thin Films**
   Akshay Kumar, S.K. Tripathi, P.K. Kulriya, A. Tripathi, F. Singh and D.K. Avasthi
   Journal of alloys and compounds (Communicated)-2011

International / National Conferences:

1. **Optical Properties of SHI Irradiated a-(Ge_{0.20}Se_{0.80})_{0.90}Ag_{0.10} Thin Films**
   Akshay Kumar, S.K. Tripathi, P.K. Kulriya, A. Tripathi, and D.K. Avasthi
   International Conference on Advances in condensed and Nano materials, (ICACNM-2011) 23-26, February, 2011, Panjab University Chandigarh-160014

2. **Swift heavy ion induced changes on a-GeSeAg thin films.**
   Akshay Kumar, S.K. Tripathi, P.K. Kulriya and D.K. Avasthi,
   International Conference on Multifunctional Oxide Materials (ICMOM-2009) 16-18 April 2009, Himachal Pradesh University, Shimla

3. **SHI Irradiation Induced Changes in the Optical properties of a-GeSeAg thin Film**
   Akshay Kumar, P.K. Kulriya, A. Tripathi, D.K. Avasthi and S.K. Tripathi
   Chandigarh Science Congress -3 (CHASCON-2009), Feb 26-28, (2009) Panjab University, Chandigarh
4. **Optical absorption edge shift in GaSe layered thin films**

5. **Effect of thermal annealing on optical constants of \((\text{Ge}_{20}\text{Se}_{80})_{90}\text{Ag}_{10}\) thin film**
Akshay Kumar, F.I. Mustafa, Shikha Gupta and S.K. Tripathi, National conference, on “Recent Advances in Innovative Materials-08” NIT Hamirpur (H.P) India (Feb 2008)

6. **Photo bleaching in a-Ga_{50}Se_{50} thin films**
Shikha Gupta, F.I. Mustafa, Akshay Kumar, N. Goyal, G.S.S. Saini and S.K. Tripathi, National conference, on “Recent Advances in Innovative Materials-08” NIT Hamirpur (H.P) India (Feb 2008)

7. **Effect of In determination of optical constants of amorphous InSe thin film.**
F.I. Mustafa, Akshay Kumar, N. Goyal and S K Tripathi
Chandigarh Science Congress -1, March 10-11, (2007) PU, Chandigarh

**Workshop Attended:**

1. One day workshop on **Characterization Tools for Materials** “Organized by:
Department of Physics, Panjab University Chandigarh-160014. (22 February, 2011)