

# **PARTICIPATION AND PUBLICATION IN FORM OF RESEARCH PAPER /ARTICLES / ABSTRACTS /POEMS / BOOKS**

## **(i) List of Publication**

1. S. Agrawal, S. Bhushan & K. Deshmukh *Journal of Recent research in Science & Technology (Bangladesh)*. Vol.2(4) (2010) pp.17-23 Effect of rare earth Gd on the photoconductivity and photoluminescence characteristics of chemically deposited Cd(S-Se) Films.
2. S. Bhushan, S. Agrawal & A. Oudhia *Chalcogenide Letters (Romania)* Vol.7(3), (2010) pp 165-174 Photoconductivity and Photoluminescence studies of chemically deposited La doped Co(S-Se) : Films.
3. Smriti Agrawal and Ayush Khare, *Effect of La on Optical and Structural of Cds-Se Films : Arabian Journal of Chemistry (in press)*

## **(ii) Research papers presented in International Conferences**

4. S. Agrawal & S. Bhushan : Presented at 16<sup>th</sup> International Conference on "Microscopy of semiconducting materials" held at Oxford University (U.K.) from 17<sup>th</sup> - 20<sup>th</sup> March 2009, Photoluminescence studies of chemically deposited Cd(S-Se). CdCl<sub>2</sub> La films at room temperature.
5. S. Agrawal & S. Bhushan : accepted for presentation at "Fundamentals and technology of multifunctional oxide thin films of the E-MRS 2009 spring Meeting" held at the Congress Center in Strasbourg (France) from June 8 to 12, 2009, Photoconductivity studies of chemically deposited annealed Cd(S-Se)CdCl<sub>2</sub>, La films.

## **(iii) Research Publication in proceedings of National Conferences**

6. S. Bhushan and S. Agrawal : *Proc. Of National Conference on Recent Advances in Nanoscience and Nanotechnology held at Shri Shankaracharya college of Engineering and Technology, Bhilai during Jan 12<sup>th</sup> and Jan 13<sup>th</sup> 2009, Photoconductivity and Photoluminescence studies of chemically deposited Cd(S-Se), CdCl<sub>2</sub>, Gd films at room temperature.*
7. S. Bhushan and S. Agrawal : *Proc. Of National conference on Luminescence and its application. (NCLA 2009) held at Central Glass and Ceramic Research Institute Kolkata during Feb 19<sup>th</sup> to Feb 21<sup>st</sup> 2009, pp. Poster 45-48, Photoluminescence studies of chemically deposited films of Cd(S-Se), CdCl<sub>2</sub>, Gd.*

## **Year 2010 - 11**

1. S. Agrawal and S. Bhushan : *National Conference on Luminescence and its application (NCLA 2011) held at Pt. Ravi Shankar Shukla University Raipur and Disha Institute of Management and*

*Technology Raipur during Feb 7 - 9 2011, effect of annealing on chemically deposited Fd doped Fd(S-Se) films.*

2. *S. Agrawal and K. Deshmukh : Presented at National Conference on "Recent trends in Physics of Solids held at Govt. Vishwanath Yadav Tamaskar PG autonomous college, Durg during Oct 11<sup>th</sup> - 13<sup>th</sup> 2011, Effect of La on of official and structure studies of Cd(S-Sc) films.*

### ***Year 2011 - 12***

1. *Attended National workshop on "laser physics and Plasma Physics" held on 6<sup>th</sup> and 7<sup>th</sup> feb 2012 in B.M.M. Durg Chhattisgarh.*
2. *Attended International workshop on "Advanced Material Science and Astrophysics" held on 19<sup>th</sup> - 21<sup>st</sup> Feb 2012 in Pandit Ravishankar Shukla University Raipur Chhattisgarh.*

***Year 2012 - 13***                      ***NIL***

***Year 2013 - 14***                      ***NIL***

### ***Year 2014 - 15***

*Attended National workshop on "Alternative Sources of Energy" held on 24<sup>th</sup>, 25<sup>th</sup> & 26<sup>th</sup> Feb 2015 in B.M.M. Durg (C.G.)*