

PUBLICATIONS AND CONFERENCE CONTRIBUTIONS

In Refereed Journals:

- “*Role of Co doping on structural, optical and magnetic properties of TiO₂*”, **A. Kaushik**, B. Dalela, Sudhish Kumar, P. A. Alvi, S. Dalela, Journal of Alloys and Compounds, 552 (2013) 274 - 278.
- Communicated to Journal of Alloys and Compounds “*Influence of Co doping on the Structural, Optical and Magnetic Properties of ZnO nanocrystals*”, **A. Kaushik**, S. Dalela, B. Dalela, B. L. Choudhary, Sudhish Kumar.

Other Publications in National Conferences/ Symposiums:

- “*Doping induced Structural Disorder and Defects in Transition metal doped Oxide: TiO₂*”, **A. Kaushik**, P. A. Alvi, S. Dalela, Proceedings of ETRMS conference, SKIT, Jaipur, (2011)

Paper/Poster Presentations:

- Paper entitled “*Optical Properties of Mn, Co doped Oxides: ZnO and TiO₂*” at 2nd International Science Congress (ISCA-2012) organized by International Science Congress Association at Bon Maharaj Engineering College, Vrindavan, Mathura, UP, India in Dec (2012)
- Paper entitled “*Interplay of dopants with defects in structural properties of Mn, Co doped oxide: ZnO*” at National Conference on Current Trends in Material Research, Department of Physics (University of Rajasthan, Jaipur) in Mar (2012)
- Paper entitled “*Positron Annihilation and Raman Spectroscopy studies on Co- doped ZnO sample*” at National Symposium on Materials for Advanced Technology, Organised by Department of Physics (Banasthali University, Banasthali Vidyapith) in Mar (2011)