

List of Publications

- [1] *Synthesis and characterization of rare earth (Yb, Er) doped Bi₂O₃ phosphors*, **Sohan M. Chauhan** and B. S. Chakrabarty, (J. Nano Adv. Mat. (2017) 5, No. 2, pp.41-47).
- [2] *Dielectric property and conductivity study of Polyaniline – CaF₂ nanocomposites*, **Sohan M. Chauhan**, Jayveer Mahida and B. S. Chakrabarty, (J. Nano Adv. Mat. (2016) 4, No. 1, pp. 9-16).
- [3] *Lead (Pb) doped fluoride nanocrystals: Structural and optical properties*, **Sohan M. Chauhan** and B. S. Chakrabarty, (International Journal of Advanced Research (2014), Vol. 2, Issue 7, pp. 607-614).
- [4] *Effect of thermal annealing on the thermoluminescent properties of nano-calcium fluoride and its dose-response characteristics*, J. K. Mundupuzhakal, R. H. Biswas, **S. Chauhan**, V. Varma, Y. B. Acharya and B. S. Chakrabarty, (Radiation Protection Dosimetry (2014), pp. 1-6).

List of submitted papers

- [1] Structural and photoluminescence properties of a new up-conversion phosphor CdO: Yb³⁺, Er³⁺ - Acta Materialia – Journal – Elsevier.
- [2] A morphological and photoluminescence study of up-conversion phosphor La₂(MoO₄)₃:Yb³⁺, Er³⁺ synthesized by precipitation method. – Journal of Luminescence – Elsevier.