

## *List of Publications*

- 1) **Priyanka Tiwari**, Chandana Rath, Evolution of structure and magnetic properties of stoichiometry and oxygen rich LaMnO<sub>3</sub> nanoparticles. *Journal of Magnetism and Magnetic Materials* 441 (2017) 635–641.
- 2) **Priyanka Tiwari**, Chandana Rath, Structural and magnetic properties of LaMnO<sub>3</sub> nanoparticles with varying La, *AIP Conference Proceedings*, 1832, 050099 (2017).
- 3) **Priyanka Tiwari**, Sandeep Kumar and C. Rath, Structural and magnetic phase transitions along with optical properties in GdMn<sub>1-x</sub>Fe<sub>x</sub>O<sub>3</sub> Perovskite, *Journal of Applied Physics*, 126(4), 2019, 045102.
- 4) **Priyanka Tiwari**, Chandana Rath, Effect of Fe on Jahn-Teller distortion and magnetic transitions in GdMn<sub>1-x</sub>Fe<sub>x</sub>O<sub>3</sub> (x= 0.3 and 0.5), *Physica B: Condensed Matter*, 570, (2019).
- 5) **Priyanka Tiwari**, Sandeep Kumar and C. Rath, Probing Structural transformation, Optical and Magnetic properties in Cr doped GdMnO<sub>3</sub>: Jahn-Teller distortion, Photoluminescence and Magnetic switching effect, *RSC Adv.*,9, (2019).
- 6) **Priyanka Tiwari**, D Gangwar and C. Rath, Structural, magnetic and electrochemical properties of Fe doped of GdMnO<sub>3</sub> (*To be submitted*).
- 7) D Gangwar, **Priyanka Tiwari**, A Kumar, R Prakash, C Rath, Effect of Dy on Electrochemical Supercapacitive Behaviour of  $\alpha$ -MnO<sub>2</sub> Nanorods, *Electrochimica Acta*, 328, (2019), 135027.