List of Publication

[1] Synthesis, structural and optical properties of TiO_2-ZrO_2 nanocomposite by hydrothermal method.
Laxmi J Tomar, *B.S. Chakrabarty*
(Adv. Mat. Lett. 4(1), 64-67, (2013))

[2] Study Of Optical Properties Of Hydrothermally Synthesized Cu/Cu_2O/CuO Nanocrystals
Laxmi J. Tomar, *Rahul K. Desai and Bishwajit S. Chakrabarty*
(AIP Conf. Proc. 1536, 245(2013))

[3] Thermal analysis of microwave assisted synthesized poly(acrylic)acid/alumina composites
Rahul Desai, ***Laxmi J. Tomar*** *and Bishwajit S. Chakrabarty*
(AIP Conf. Proc. 1536, 897 (2013))

[4] Comparative study of PAA/alumina composites with PAA/alumina nano composites and thermal analysis of PAA/alumina nano composites with doping of metals.
Rahul K. Desai, ***Laxmi Tomar****, Bishwajit S. Chakrabarty*
(Solid State Phenomena, 209,121-124, (2014))

[5] Effect of Preparation method on Optical and Structural properties of TiO_2/ZrO_2 Nanocomposite.
Laxmi J. Tomar, *Piyush J. Bhatt, Rahul k. Desai and Bishwajit S. Chakrabarty*
(J. Nano. Adv. Mat. 2, 27-33, (2014))

[6] Synthesis and Characterization of Nanostructured PbS Thin film.
Laxmi J. Tomar, *Piyush J. Bhatt, Rahul K. Desai, Bishwajit S. Chakrabarty*
(Int.J. ChemTech Res, 6(3), 1923-1925, (2014)

[7] Enhancement of Optical Properties of Hydrothermally Synthesized TiO_2/ZrO_2 Nanoparticles by Al, Ce Co-doping.
Laxmi J. Tomar, *Piyush J. Bhatt, Rahul K. Desai, and Bishwajit S. Chakrabarty*
(Solid State Physics, AIP Conf. Proc. 1665, 050124-1, (2015))

[8] Pure Single Crystallographic Form of TiO_2 Nanoparticles: Preparation and Characterization.
Piyush J. Bhatt, ***Laxmi J. Tomar****, Rahul K. Desai, and Bishwajit S. Chakrabarty*
(Solid State Physics AIP Conf. Proc. 1665, 050125-1, (2015))

[9] Al and Mg Doped TiO_2-ZrO_2 Nanocomposites for Dye Sensitized Solar Cell Application.
Laxmi J. Tomar, *Piyush J. Bhatt, Rahul K. Desai, C. J. Panchal and Bishwajit S. Chakrabarty*
(Invertis Journal of Renewable Energy, 5, 220-224, (2015))

[10] Improved Conversion Efficiency of Dye Sensitized Solar Cell Using Zn Doped TiO_2-ZrO_2 Nanocomposite.
Laxmi J. Tomar*, Piyush J. Bhatt, Rahul K. Desai, B. S. Chakrabarty, and C. J. Panchal*
(Solid State Physics AIP Conf. Proc. 1731, 050132-1(2015))