

## List of Publications

- Shape controlled synthesis of gold nanoparticles and their efficacy in yield of fluorescence in Fluorescein dye molecule Journal of Environment and Biotechnology Research, Vol. 6, No. 2, Pages 199-207, 2017
- “PVP-Solvent Interaction” Guided Shape Control Synthesis of Gold Nanoparticles and Their Application in Ultra Specific Dye Sensing IOSR Journal of Applied Physics (IOSR-JAP) IOSR Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861. Volume 8, Issue 6 Ver. IV (Nov. - Dec. 2016), PP 72-76
- comparative Studies of  $\text{MgFe}_2\text{O}_4$  Nanoparticles Synthesized using Different Precursors by Sol Gel Auto Combustion Method (Journal of Atomic, Molecular, Condensate & Nano Physics Vol. 2, No. 2, pp. 101–108, 2015 ISSN 2349-2716 (online); 2349-6088 (print)).
- Plasmonics in solar cells poster presented in National Conference on Electrical Energy: Safety and Conservation, Swami Shraddhanand College (22-23 January 2016)