

PROFORMA

Name: Dr. Sujit Kumar Ghosh

Designation: Assistant Professor

Department: Chemistry

Specialization: Physical Chemistry

(Self-assembly of Nanoscale Materials, Spectroscopic Properties of Nanomaterials, Nanomaterials in Cellular Imaging and Photodynamic Therapy)



Recent Publications (Names of latest five):

1. Li-Tang Yan, Nicole Popp, **Sujit Kumar Ghosh** and Alexander Böker **ACS Nano**, 4(2010)913.
'Self-Assembly of Janus Nanoparticles in Diblock Copolymers'
2. **Sujit Kumar Ghosh** and Tarasankar Pal **Phys. Chem. Chem. Phys.** 11(2009)3831.
'Photophysical Aspects of Molecular Probes near Nanostructured Gold Surfaces'
3. **Sujit Kumar Ghosh** and Tarasankar Pal **Chem. Rev.** 107(2007)4797.
'Interparticle Coupling Effect on the Surface Plasmon Resonance of Gold Nanoparticles: From Theory to Applications'
4. Subhra Jana, Soumen Basu, Surojit Pande, **Sujit Kumar Ghosh** and Tarasankar Pal **J. Phys. Chem. C** 2007, 111, 16272.
'Shape-Selective Synthesis, Magnetic Properties and Catalytic Activity of Single Crystalline β -MnO₂ Nanoparticles'
5. Sudipa Panigrahi, Soumen Basu, Snigdhamayee Praharaj, Surojit Pande, Subhra Jana, Anjali Pal, **Sujit Kumar Ghosh** and Tarasankar Pal **J. Phys. Chem. C** 2007, 111, 4596.
'Synthesis and Size-Selective Catalysis by Supported Gold Nanoparticles: Study of Heterogeneous and Homogeneous Catalytic Process'