

List of Publications of (2006-2007)

Journals

Dr. Susanta Maity

1. S. Maity and B. S. Dandapat, Flow of a thin liquid film on an unsteady stretching Sheet, *Physics of Fluids*, 18(2006), 102101

Dr. Nabakumar Pramanik

1. **N. Pramanik**, P. Bhargava, S. Alam and P. Pramanik, ‘ Processing and properties of nano- and macro-hydroxyapatite-polyethylene co acrylic acid composites’ ‘*Polymer Composites*, vol.27 (2006) pp.633-641
2. **N. Pramanik**, S. Mohapatra, P. Bhargava, and P. Pramanik, “Processing and properties of hydroxyapatite/polyethylene co acrylic nanocomposite using a phosphonic acid coupling agent for orthopedic applications”, *Journal of the American Ceramic Society*, vol.90 (2007) pp.369-375.
3. **N. Pramanik**, A. Tarafdar and P. Pramanik, “Capping agent assisted synthesis of nanosized hydroxyapatite”, *Journal of Materials Processing Technology*, vol.184 (2007) pp.131-138
4. S. Mohapatra, **N. Pramanik**, S. Mukherjee, S. K. Ghosh and P. Pramanik, “A simple synthesis of amine-derivatised superparamagnetic iron oxide nanoparticles for bio-applications”, *Journal of Materials Science*, vol.42 (2007) pp.7566-7574.
5. S. Mohapatra, **N. Pramanik**, S. K. Ghosh and P. Pramanik, “Synthesis and characterization of ultra fine polyvinyl alcohol phosphate coated magnetite nanoparticles”, *Journal of Nanoscience and Nanotechnology*, vol.6 (2006) pp.823-829.
6. A. Tarafdar, S. Biswas, **N. Pramanik** and P. Pramanik, “Synthesis of mesoporous chromium phosphate through an unconventional sol–gel route”, *Microporous and Mesoporous Materials*, vol.89 (2006) pp.204-208.

International Conferences

Dr. Nabakumar Pramanik

1. **N. Pramanik** and P. Pramanik, ICRTNT-06, *International Conference on Nanostructured Materials and Nanocomposites, Jadavpur University, Kolkata, India, December, 2006.*
2. D. Mishra, I. Banerjee, **N. Pramanik**, P. Pramanik and T. K. Maiti, *International Conference on Stem Cells, Regenerative Medicine and Tissue Engineering, organized by Frontier Lifeline and K. M. Cherian Health Foundation, Chennai, India, 30th November to 2nd December, 2007.*