CURRICULUM VITAE

Name:	**ANANTA KUMAR MISHRA**
Date of Birth:	06–08–1980
Sex:	Male
Nationality:	Indian
Marital Status:	Unmarried
Address:	Apamara P.O. Bhutiar Bahal Dist. Balangir, ORISSA PIN: 767029
Educational Qualification:	M.Phil. (Organic Chemistry): 2003: 1st Class Sambalpur University, Burla M.Sc. (Organic Chemistry): 2002: 1st Class, Sambalpur University, Burla B. Sc. (Hons. in Chemistry): 2000:1st Class & Distn., Sambalpur University, Burla
Experience in Research	Senior Research Fellow (SRF) Rubber Technology Centre Indian Institute of Technology, Kharagpur. (May 2006− July 2010).

List of Publications in International Journals

- **A. K. Mishra**, S. Chattopadhyay, G. B. Nando, E. Devadoss, "Synthesis and Characterization of Elastomeric Polyurethane-Laponite Nanocomposite" ***Designed Monomers and Polymers*** 11 (2008) 395-407

- **A. K. Mishra**, G. B. Nando, S. Chattopadhyay, "Exploring preferential association of Laponite and Cloisite with soft and hard segments in TPU-clay nanocomposite prepared by solution mixing technique" ***Journal of Polymer Science Part B: Polymer Physics*** 46 (2008) 2341-2354

- **A. K. Mishra**, S. Chattopadhyay, G. B. Nando, "Effect of modifiers on morphology and thermal properties of novel thermoplastic polyurethane-peptized Laponite nanocomposite" ***Journal of Applied Polymer Science*** 115 (2010) 558-569

- **A. K. Mishra**, S. Mushtaq, G. B. Nando, S. Chattopadhyay, **"**Effect of Cloisite and modified Laponite clays on the rheological behavior of TPU-clay nanocomposites" ***Rheologica Acta*** 49 (2010) 865-878

- **A. K. Mishra**, Rajamohanan P. R., G. B. Nando, S. Chattopadhyay, "Structure-property of TPU-clay nanocomposite based on covalent and dual-modified Laponite" ***Advanced Science Letters*** (In Press) 4 (2011) 1-9

- **A. K. Mishra**, Rajamohanan P. R., S. Chattopadhyay, G. B. Nando, "Effect of tethering on the structure-property relationship of TPU-dual modified Laponite clay nanocomposites prepared by *Ex-situ* and *In-situ* techniques" ***Polymer*** (2010) **accepted**

Conference Presentations

- **A. K. Mishra**, S. Chattopadhyay, G. B. Nando, **"***Synthesis and characterization of polyurethane Laponite nanocomposite*" in *Polychar-16,* Lucknow, 2008.

- **A. K. Mishra**, S. Chattopadhyay, G. B. Nando, "*Polyurethane-Laponite clay nanocomposite*" *Rubber Expo 09*, Kolkatta 2009.

- **A. K. Mishra**, S. Chattopadhyay, G. B. Nando, "*Preparation and Characterization of Segmented Polyurethane-Laponite clay Nanocomposites***"** ICHTM-09, IIT Kharagpur, 2009.

- **A. K. Mishra**, G. B. Nando, S. Chattopadhyay, "*Effect of aspect ratio and state of dispersion on the rheological behavior of TPU-clay nanocomposite***"** PPS-25, Goa, 2009.