

Anuya Nisal



Contact Information:

Scientist

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Current interests:

- Structure property correlations of polymeric materials
- Development of polymer blends, polymer composites
- Establishment of new electron microscopic methods

Education

- Master of Science in Materials Science and Engineering, University of Delaware, 2002
- Bachelor of Engineering in Polymer, University of Pune, 2000.

Experience:

- Scientist, GE India Technology Center , Feb 2003 – April 2005, Expertise in analytical characterization of Polymer Blend Systems using microscopy (SEM, TEM, Optical), Spectroscopy (ATR-IR and micro-FTIR)
- Research Assistant, Center for Composite Materials, Delaware, USA, July-2000- Dec 2002, Developed a simplified method for manufacture of complex shaped parts using co-injection resin transfer molding

Achievements:

- Publications in peer reviewed international journal publications – 2
- Conference poster – 1
- Patent disclosure letters filed – 2
- 3 Management awards for significant contributions in GE plastics
 - Management award for fundamental understanding of heat ageing process in Xenoy – Dec 04
 - Management award for fundamental understanding and customer issue resolution for low gloss extruded products for the ESR business of GE plastics - Dec 03
 - Management award for significant contributions to Center of Excellence in Microscopy of GE plastics – July 03
- Green Belt certification in Six Sigma methodology

Hobbies:

- Table tennis and mural paintings