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- Education and experience
- Scientist EI, Polymer Science & Engineering (PSE), NCL-Pune (2008 onwards)
 - Scientist, NIIST, Trivandrum, Kerala (2003-2007)
 - Polymer Scientist, GE Plastics, John F. Welch Tech. Centre, GE India Private Ltd., Bangalore, India (2002-2003)
 - Post-doctoral Fellow, Technical University of Eindhoven, The Netherlands (2000-2001)
 - Ph.D from Indian Institute of Science (IISc), Bangalore (2000)
- Achievements
- Kavita Maiti Purashkar 2010-2011
- Research subjects:
- Polymer and Materials Chemistry
- Research Areas
- Polymer and Supramolecular chemistry
 - Study of structure-property relationship in conjugated polymers
 - Liquid crystalline and fluorescent polymers
 - Novel monomer & polymer design and synthesis
- Recent publications
- T. SenthilKumar and S. K. Asha, "Self-Assembly in Tailor-Made Polyfluorenes: Synergistic Effect of Porous Spherical Morphology and FRET for Visual Sensing of Bilirubin", *Macromolecules*, **46** (2013), 2159-2171.
 - Rekha Narayan, Prashant Kumar, K. S. Narayan, and S. K. Asha, "Nanostructured Crystalline Comb Polymer of Perylenebisimide by Directed Self-Assembly: Poly(4-vinylpyridine)-pentadecylphenol Perylenebisimide", *Advanced Functional Materials* **23** (2013), 2033-2043.
 - K. Kaushlendra, and S. K. Asha, "Microstructural Reorganization and Cargo Release in Pyrene Urethane Methacrylate Random Copolymer Hollow Capsules", *Langmuir*, **28** (2012), 2731-12743.
 - Nagesh B. Kolhe, R. Nandini Devi, Satyaprasad P. Senanayak, B. Jancy, K. S. Narayan and S. K. Asha, "Structure engineering of naphthalene diimides for improved charge carrier mobility: self-assembly by hydrogen bonding, good or bad?" *J. Mater. Chem.* **22** (2012), 15235-15246.