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- Education and experience (single line bulleted points)
- Ph.D. (Chemistry)
 - M.Sc. (Organic Chemistry)
 - 30 years of research experience in the area of Polymer Science
- Achievements
- CSIR Technology Award 2003 for THPE Process: Team Member
 - Japan Society for the Promotion of Science Fellowship, 1994-1996
- Research Subjects
- Polymer Chemistry
 - Material Science
- Research areas
- Design and synthesis of new monomers starting from renewable resources;
 - Organic-inorganic hybrid materials (silica gel-polymer hybrids);
 - Recycling of polymers;
 - Preparation and characterization of high performance polymers;
 - Polymers for energy devices
- Recent publications
- Nilakshi V. Sadavarte, Sachin S. Patil, **C.V. Avadhani**, and Prakash P. Wadgaonkar, New organosoluble aromatic poly(esterimide)s containing pendent pentadecyl chains: Synthesis and characterization, **High Perform Polym** (2012, in Press)
 - Nilakshi V. Sadavarte, **C.V. Avadhani** and Prakash P. Wadgaonkar, Synthesis and Characterization of Aromatic Polyamides and Polyazomethines Containing Pendent Pentadecyl Chains, **High Perform Polym**, **23(7)**, 494 (2011)
 - Nilakshi V. Sadavarte, **C.V. Avadhani**, Parimal V. Naik, Prakash Regularly alternating poly(amideimide)s containing pendent pentadecyl chains: Synthesis and characterization, **Eur. Polym. J.**, **46 (2010) 1307**