

Ravi Mosurkal received his PhD from University of Hyderabad, India in 1998. He did his postdoctoral work on organic nonlinear optical materials at the University of Durham, UK, before he joined Center for Advanced Materials group at University of Massachusetts, Lowell in 2000 to work on dye-sensitized solar cells. Since 2004 he has been working on the development of environmentally-safe flame retardant polymeric materials at US Army Natick Soldier Center as an NRC Senior Research Fellow. He is a member of the American Chemical Society. He is a member and chartered chemist (CChem) of Royal Society of Chemistry. His current research interests include design, synthesis and physical characterization of organic chromophores and polymers for opto-electronics applications including molecular photovoltaics and environmentally-safe flame-retardant materials, studying structure-property relationships via quantum chemical calculations and spectroscopic investigations.