

## Selected papers

1. J. R. Dorgan, **P. Kodgire**, ‘Design of non-equilibrium blends via theory: The butanol-water case study’, Advances in Membranes and Separation Science and Technology for Fuels and Energy Production, Petroleum Preprint, 242<sup>nd</sup> American Chemical Society National Meeting & Exposition, Denver, CO, USA, Aug 2011
2. J. Dorgan, **Pravin Kodgire**, D. Venerus, and P. Halley, Journal of Chemical Physics. ‘On the relationship between the thermo-optic and the thermal expansion coefficients in polymers’, Jan 2013 (IF:3.2)(Paper submitted to International Journal)
3. S. Bose, A. R. Bhattacharyya, **Pravin V. Kodgire** and A. Misra, ‘Fractionated crystallization in PA6/ABS blends: Influence of a reactive compatibilizer and multiwall carbon nanotubes’, **Polymer**, **48**, 356-362, 2007 (Citations: 33; IF-3.4)
4. **Pravin V. Kodgire**, A. R. Bhattacharyya, S. Bose, N. Gupta, A. R. Kulkarni and Ashok Misra, ‘Control of multiwall carbon nanotubes dispersion in polyamide6 matrix: An assessment through electrical conductivity’ **Chem. Phys Lett.**, **432**, 480-485, 2006 (Citations: 60; IF – 2.15)
5. **Pravin Kodgire**, R. Kalgaonkar, S. Hambir, N. Bulakh, J. P. Jog, ‘PP/Clay nanocomposites: Effect of clay treatment on morphology and dynamic mechanical properties’, **J. Appl. Poly. Sci.**, **81**, 1786-1792, 2001 (Citations: 92; IF – 1.4)
6. S. Hambir, N. Bulakh, **Pravin Kodgire**, R. Kalgaonkar, J. P. Jog, ‘PP/Clay nanocomposites: A study of crystallization and dynamic mechanical behavior’, **J. Polym Sci: Part B Polym Phys**, **39**, 445-450, 2001 (Citations: 97; IF – 2.22)