

LIST OF PUBLICATIONS

International Journals

1. **A. Solanki** & S. Thakore, β -Cyclodextrin based magnetic nanoconjugates for targeted drug delivery in cancer therapy, *RSC Advances*, 6 (2016) 98693-98707.
2. **A. Solanki** & S. Thakore, Cellulose crosslinked pH-responsive waterborne polyurethanes for controlled drug delivery: Use of α -hydroxy acids as drug release modifiers, *International Journal of Biological Macromolecules*, 80 (2015) 683–691.
3. **A. Solanki**, B. Kamath & S. Thakore, Carbohydrate crosslinked biocompatible polyurethanes: Synthesis, characterization and drug delivery studies, *Journal of Applied Polymer Science*, 132 (2015) 42223.
4. **A. Solanki**, J. Mehta & S. Thakore, Structure-property relationships and biocompatibility of carbohydrate crosslinked polyurethanes, *Carbohydrate Polymers*, 110 (2014) 338–344.
5. **A. Solanki**, J. Mehta, Development of Green Polyurethanes with Bio-crosslinkers, *European Polyurethane Journal*, July 2013.

Poster presentations

1. **A. Solanki** & S. Thakore, Development of polyurethane based targeted drug delivery systems, National Conference on recent trends in science of materials, a conference held at M. S. University of Baroda, Vadodara in December 2015.

2. **A. Solanki** & S. Thakore, Synthesis and characterization of carbohydrate crosslinked Polyurethanes: Synthetic vs. Natural polyol, *Regional Science Congress*, a conference held at M. S. University of Baroda, Vadodara in September **2012**.

Oral presentations

1. **A. Solanki** & S. Thakore, Recent studies in polyurethane based drug delivery systems, *International conference on advancements in polymeric materials*, an international conference held at CIPET, Ahmedabad in February **2016**.
2. **A. Solanki** & S. Thakore, Recent development in polysaccharide based bio-materials designed for drug delivery with special emphasis on polyurethane, *ICNP-2012* held at Kottayam, Kerala, January **2013**.
3. **A. Solanki**, J. Mehta & S. Thakore, Polyurethanes with carbohydrate crosslinkers: mechanical, thermal and transport properties, *Advancement in Polymeric Materials*, an international conference held at CIPET, Ahmedabad in February **2012**.

Book chapters

1. **A. Solanki** & S. Thakore, Recent Studies in Polyurethane Based Drug Delivery Systems Trends and Applications in Advanced Polymeric Materials' to be published by **Wiley Scrivener Publishing**, Under review.
2. S. Thakore, **A. Solanki** & M. Das, Exploring potential of Polymers in cancer management, Composites in Biomedical Engineering to be published by **Elsevier**, Abstract accepted.

Science Magazine

- A. Solanki** & S. Thakore, Biocompatible films for drug delivery, wound dressing, *Nature India*, 7 July **2014**.