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Area of Specialization : Biopolymers

List of Publications :

1. T.Jothy Stella, (2017), “Studies on addition curable castor oil based biopolyesters for the development of Nanofillers”, International journal of latest trends in engineering and technology, 245-249.
2. T. Jothy Stella, (2016), “Determination of Physico Chemical Properties of Biopolyester Resins from cardanol and castor oil”, Journal of Chemical and Pharmaceutical Research, 8(4):472-478.
3. T. Jothy Stella, M. Jayabalan, M. Vijayakumari and Isaac Sobanaraj, (2015)”,Evaluation of performance of cross linked biopolyesters of Cardanol and Castor oil and their IPNs under bacteriological attack”, Journal of Chemical and Pharmaceutical Research., 7(2):386-394.
4. T. Jothy Stella, (2015) “Evaluation of performance of crosslinked biopolyesters (CBP) and IPNS under environmental aging conditions”, Journal of Chemical and Pharmaceutical Research, 7(3):2155-2162.
5. T.Jothy Stella,(2015),”Synthesis of Biodegradable Crosslinkable Poly(Castor oil Fumerate)Polyester Resin Blends on Vinyl acetate”,International Journal of Recent Research and Applied Studies, Volume 2, Issue5, 78.
6. T. Jothy Stella,(2015) ,”Swelling Studies of Cross Linked Biopolyesters of Poly Cardanol Fumarate Biopolyesters”,International Journal of Recent Research and Applied Studies, Volume 2, Issue8, 56.

7. T. Jothy Stella,(2015) , “Studies on swelling properties of IPNs of Cross Linked Biopolyesters of castor oil and Cardanol”,International Journal of Recent Research and Applied Studies, Volume 2, Issue7(13), 47 .
8. T. Jothy Stella,(2015), “Determination of Physico Chemical Properties of Biopolyester Resins from Castor Oil”, International Journal of Recent Research and Applied Studies, Volume 2, Issue 10 (19),79.
9. T.Jothy Stella,(2015), “Characterisation of Poly(Castor oil Fumerate) Polyester Resin Blends on Vinyl acetate”,International Journal of Recent Research and Applied Studies, Volume 2, Issue5, 73.
10. T. Jothy Stella , K. Sathiyalekshmi , G. Allen Gnana Raj ,(2012), “Synthesis and Characterization of Inter penetrating Bio Polyester Networks Using Naturally available Renewable Resources”, International Journal of Polymeric Materials published by Taylor and Francis 61:466–482.

Book Publications

Dr.P.Balakumar, Dr.T.Jothy Stella, Mr.Jacob Vincent, (2015)Chemistry Laboratory I & II, Jai tech Publications ISBN : 978-93-80624-28-0.

CONFERENCES& SEMINARS

1. T.Jothy Stella, 15th and 16th February 2017 T.Jothy Stella, “Studies on addition curable biopolyesters for the development of Nanofillers”,ICON-17,Nano technology:The Fruition of Science, Nesamony Memorial Christian College,Martandam.
2. T.Jothy Stella,M.VijayaKumari,3rd and 4th September 2015, “Physico Chemical Properties of biopolyester resins from Naturally available renewable resources”UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015,Sree Devi Kumari womens College, Kuzhithurai.
3. T.Jothy Stella,S.Muthu Saravana Bagavathy,3rd and 4th September 2015, “Synthesis and Characterisation of IPNs using cardanol and castor oil”UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015,Sree Devi Kumari womens College, Kuzhithurai.

4. T.Jothy Stella, S.Muthu Saravana Bagavathy, 3rd and 4th September 2015, "Studies on crosslinked biopolyester resin blends on vinyl acetate" UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015, Sree Devi Kumari womens College, Kuzhithurai.
5. M.VijayaKumari, T.Jothy Stella, 3rd and 4th September 2015, "Ion-Exchange Studies of Novel Nano composite ion-exchanger, poly(otoludine)/Zirconium(IV) Tunsto iodo phosphate" UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015, Sree Devi Kumari womens College, Kuzhithurai.
6. S.Muthu Saravana Bagavathy, T.Jothy Stella, 3rd and 4th September 2015, Green route Synthesis of some novel Schiff base derivatives of 2-Amino-6-Methoxy –Benzothiazole and their anti biological activity" UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015, Sree Devi Kumari womens College, Kuzhithurai.
7. S.Muthu Saravana Bagavathy, T.Jothy Stella, 3rd and 4th September 2015, Corrosion inhibition studies on Schiff bases derived from 2-Amino-6-Methoxy –Benzothiazole" UGC sponsored State level seminar on New Vistas in Chemistry, NVIC 2015, Sree Devi Kumari womens College, Kuzhithurai.

