

**Number of Publications in Engineering discipline in peer reviewed Journals(from year 2010)**

Sr. No.	Name of Author	Title of paper	Journal	Vol. /Page.	Year
1.	R. D. Kulkarni, Mayur Chaudhari and. S. Mishra	UV Curable Acrylate monomers: Structure – Activity Relationship and Selection Criterion	Paintindia	LX (6), 57 – 76 [ISSN: 0556-4409]	2010
2.	V. K. Rana, A. K. Pandey, B. Kumar, S. Mishra, C. S. Ha and R. P. Singh	Enhancement of thermal stability and phase relaxation behavior of chitosan, dissolved in aqueous l-lactic acid: silver nanoparticles as nano filler	Macromol. Res.	18(8), pp 713-720 [598-5032, 2092-7673]	2010
3.	V. K. Rana, O. S. Kushwaha, S. Mishra, C. S. Ha and R.P. Singh	Tensile properties, cell adhesion, and drug release behavior of chitosan-silver-gelatin nanohybrid films and scaffolds	Macromol. Res.	18, No. 9, pp 845-852 [598-5032, 2092-7673]	2010
4.	S. Mishra and N. G. Shimpi, and S. S. Sonawane	Effect of nano Mg (OH) <sub>2</sub> on mechanical and thermal properties of polyamide nanocomposites	Polymer Plastics Tech. & Engg.	49: pp 474–480 [0360-2559, 1525-6111]	2010
5.	A. M. Nemade, V. S. Zope and S. Mishra	Kinetics and thermodynamics of hydrolytic Depolymerization of polyamide waste at various temperature and autogenously pressure by high-pressure autoclave	Polymers and Environment	18 (4), pp 459-463 [1566-2543]	2010
6.	S. Mishra, N. G. Shimpi	Synthesis of nanoparticles and its effect on properties of elastomeric nanocomposites	Journal of Nanoparticles Research	12(6), pp 2093 [1388-0764]	2010
7.	S. Mishra and A. Chatterjee	Particle size, morphology and thermal properties of polystyrene nanoparticles in micro emulsion process	Polymer Plastics Tech. & Engg.	49, pp 791–795 [0360-2559, 1525-6111]	2010
8.	S. Mishra and N. G. Shimpi, J. Verma	Dispersion of nano CaCO <sub>3</sub> on PVC and its influence on mechanical and thermal properties	Journal of Composite Material	44(2), pp 211-219 [1530-793X,0021-9983]	2010
9.	S. Mishra, A. M. Nemade, and V S Zope	Kinetics and thermodynamics of neutral hydrolytic depolymerization of polyurethane	Polymer Plastics Tech. & Engg.	49, pp 83–89 [0360-2559, 1525-6111]	2010

		foam waste using different catalysts at higher temperature and autogenously pressures			
10.	S. Mishra and N. G. Shimpi	Effect of nano CaCO <sub>3</sub> on mechanical and thermal properties of polyamide nanocomposites	Polymer Plastics Tech. & Engg.	49, pp 38–44 [0360-2559, 1525-6111]	2010
11.	J. B. Naik and M. R. Syed	Fast dispersible tablet of paroxetine hydrochloride: taste masking and administration in depressed patients	Lat. Am. J. of Pharmacy	29 (5):667-73	2010
12.	Preeti Subhedar, J. B. Naik and D. N. Muley	Effect of polymer concentration on sustained release microparticles of Metformin hydrochloride prepared by using spray dryer	J. Polym. Plast. Technol. Engg.	49: 267–271	2010
13.	J. B. Naik, S. Mishra and D. A. Deore	Investigation of Scale mitigation and sequestering properties of some polyelectrolytes	J. Polym. Plast. Technol. Engg.	49, 69-73	2010
14.	M. S. Patil , V. D. Gurudasani , G. A. Usmani	Study of Crystal size Distribution and effect of Cooling for Sugar and K <sub>2</sub> CO <sub>3</sub> Crystallization in Swenson walker Crystallizer	International Journal of Chemical Engineering Research.	Vol. 2(2),189-196	2010
15.	M. S. Mustaqeem, G. A. Usmani	Evaluation of Trends in Chemical and Physical Properties of Ground Water and its Modelling: A Correlation Regression Study	Rasayan J. Chem.	Vol. 3(2),236-239	2010
16.	G. A. Usmani, H. V. Patil	Lipase Catalysed interesterification for theproduction of Oleochemicals from Non Traditional Oils	Rasayan J.Chem.	Vol.3 (2),354-358	2010
17.	M. S. Mustaqeem , G. A. Usmani	Physicochemical Studies of Ground Water at Different Areas in Jalgaon City (M. S.) India	Current World Environment	Vol. 5(1), 127-129	2010
18.	M. S. Patil, G. A. Usmani	Study of Activated Sludge Process for Treatment of Waste Water under Laboratory Controlled Conditions	International Journal of Chemical Engineering	Vol .3(1)69-74	2010

19.	M. S. Patil, V. D. Gurudasani, G. A. Usmani	Esterification of phthalic anhydride with n-butanol using Eco Friendly Solid State Catalyst-sulfamic acid"- Current World Environment	Current World Environment	Vol.5(1),107-109	2010
20.	V. S. Patil, Atul Patil, L. G. Navle	Energy Efficient Exhaust system for Four Stroke Compression Ignition Engine	International Journal of Engineering Technologies & Applications in Engineering Technology and Science	pp 163-166 ISSN-0974-3588	2010
21.	V.S. Patil, Y. A. Patil	To studies Kinetics & Thermodynamics of Etherification Reaction between Acid & Alcohol	<i>The Institution of Engineers, Kolkata</i>	Vol. 91, pp 26-34	2010
22.	Jitendra Narkhede and Dr. V. V. Shertukde	Study on Mechanical and Thermal properties of PBT-Clay Nanocomposites.	J. Polym. Mater.	Vol.25, No. 1 1-14	2010
23.	Satish Patil, C.D.Patil, B.K.Salunke , R.B.Salunke , G.A. Bathe, D.M.Patil	Studies on characterization of biofloculant exopolysaccharide of axotobacter indicus and its potential for wastewater treatment	Appl. Biochem biotechnol	accepted 2 august 2010	2010
24.	Mr. P.D. Meshram	Azeotropic Extraction of Cottonseed with Acidified Ternary Solvent System	Journal of Lipid Science and Technology	42(4), 140-144	2010
25.	Mr. M. L. Bari	Synthesis and cherectesation biodiesel from refined soyabean oil and sunflower, cottonseed soapstock	International Journal of advances in chemical Engg. and Technolgy		2010
26.	Sameer. A. Kapole, Ravindra D. Kulkarni, Shirish. H. Sonawane	Performance properties of acrylic and acrylic-polyol polyurethane based hybrid system via addition of nano CaCO <sub>3</sub> and nanoclay	The Canadian Journal of Chemical Engineering	9999:1-7	2011
27.	R. D. Kulkarni, Mayur Chaudhari and. S. Mishra	Recent developments in UV cure photoinitiators Part IUnimolecular cleavable photoinitiators	Paintindia	LXI (1), 59-68 [ISSN: 0556-4409]	2011
28.	R. D. Kulkarni, Mayur Chaudhari and. S. Mishra	Recent developments in UV cure photoinitiators Part II- Bimolecular abstractable photoinitiators	Paintindia	LXI (5), 72-80 [ISSN: 0556-4409]	2011
29.	Kulkarni R. D., Chaudhari M.,	Recent Developments in UV cure Epoxy	Paintindia	Vol. LXI (7), 58-64	2011

	Mishra S.	Acrylate Oligomers		[ISSN: 0556-4409].	
30.	R. D. Kulkarni, M. L. Bari, Kalpana Shimpi	Synthesis and characterisation of biodiesel from refined soyabean oil and sunflower, cottonseed soapstock	International Journal of Advances in Chemical Engineering and Technology	1, 34-41 [ISSN: 0976-8513].	2011
31.	B. K. Gupta, M. Tailang, A. K. Pathak, A.K. Lokhande, S. Mishra	Formulation and standardization of homeopathic mother tincture of cinnamomum zeylancium	International journal of phytomedicine	2(1), [0975-0185]	2011
32.	S. Mishra and N. G. Shimpi V. K. Rana, S. S. Park, S. Parambadath	Influence of surface modification of Montmorillonite on properties of PVC Nanocomposites	Journal of Composite Material	45(23), pp 2447-2453 [1530 793X, 0021 9983]	2011
33.	Kim, M. J. Kim, S. H. Kim, S. Mishra, R. P. Singh, C. S. Ha	Hierarchical mesoporous bio-polymer/silica composites co-templated by trimethyl chitosan and a surfactant for controlled drug delivery	Med. Chem. Commun	pp 1162-1166, [2040-2503]	2011
34.	N. G. Shimpi, R. U. Kakade, S. S. Sonawane, A.D. Mali, S. Mishra	Influence of nano inorganic particles on properties of epoxy nanocomposites	Polymer Plastics Tech. & Engg.	50, pp 758-761 [0360-2559, 1525-6111]	2011
35.	S. Mishra, N. G. Shimpi, A.D. Mali	Influence of stearic acid treated nano-CaCO <sub>3</sub> on the properties of silicone nanocomposites	Journal of Polymer Research	18(6), pp 1715-1724 [1022-9760, 1572-8935]	2011
36.	V.K. Rana, M. C. Choi, J.Y. Kong, G.Y. Kim, M. J. Kim, S. H. Kim, S. Mishra, R. P. Singh, C. S. Ha	Synthesis and drug-delivery behavior of chitosan-functionalized graphene oxide hybrid nan sheets	Macromolecular Materials and Engineering	296 (2), pp 131–140 [1438-7492]	2011
37.	A. Nemade, S. Mishra, V. Zope	Chemical recycling of polyamide waste at various temperatures and pressures using high pressure autoclave technique	Polymers and Environment	19, pp 110–114 [1566-2543]	2011
38.	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part iii- polymerisable photoinitiators”	Paint India	LXI, pp-72-80 [0556-4409]	2011
39.	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part ii- bimolecular abstractable photoinitiators”	Paint India	LXI, pp-72-80 [0556-4409]	2011

40.	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part i- unimolecular clavable photoinitiators”	Paint India	LXI, pp-72-80 [0556-4409]	2011
41.	S. Mishra, R. D. Kulkarni, M Chaudhari	Synthesis, analysis and storage of UV cure mono and multifunctional acrylate monomers	Paint India	LXI (1), pp 59-68, [0556-4409]	2011
42.	S. Mishra and N. G. Shimpi	Studies on effect of improved d-spacing of Montmorillonite on properties PVC nanocomposites	Journal of Applied Polymer Science	119, pp 148–154,[0021-8995, 1097-4628]	2011
43.	S. Mishra, A Chatterjee, R. P. Singh	Novel synthesis of nano-calcium carbonate (CaCO <sub>3</sub> )/polystyrene (PS) core-shell nanoparticles by atomized micro emulsion technique and its effect on properties of polypropylene (PP) composites	Polymers for Advanced Technologies	22(12), [1042-7147,1099-1581]	2011
44.	S. Mishra, A. Chatterjee and V. K. Rana	Polymer nanoparticles: their effect on rheological, thermal, and mechanical properties of linear low-density polyethylene (LLDPE)	Polymers for Advanced Tech.	22(12), pp 1802–1811 [1042-7147,1099-1581]	2011
45.	S. Mishra, and A. Chatterjee	Effect of nano-polystyrene (nPS) on thermal, rheological and mechanical properties of polypropylene (PP)	Polymers for Advanced Tech.	22(12), pp 1547–1554 [1042-7147,1099-1581]	2011
46.	S. Mishra, and A. Chatterjee	Novel synthesis of polymer and copolymer nanoparticles by atomized micro emulsion technique and its characterization	Polymers for Advanced Technologies	22, pp 1593–1601 [1042-7147,1099-1581]	2011
47.	Shrikant S. Barkade, Jitendra B. Naik, Shirish H. Sonawane	Ultrasound assisted miniemulsion synthesis of PANI/Ag nanocomposite and its application for ethanol vapor sensing	Journal of Colloids & Surfaces Part A	378, 94 – 98	2011
48.	Nilesh Patil*, Rajkumar Sirsam	Gamma-Ray Scanning, The best emerging technology for troubleshooting, optimization and predictive maintenance of distillation columns	Chemical Industry Digest	pp 66-71	2011
49.	V. S. Patil, K. P. Patil	Removal of metal ion from waste water using natural based absorbent	<i>The Institution of Engineers, Kolkata</i>	Vol. 91 , pp 05-09	2011

		(Egg shell & Eucalyptus Powder)			
50.	V. S. Patil, V. P. Patil, S. I. Kolhe, N. V. Haleogoda	Experimental study of C. I. Engine performance and Emission Characteristics using Different Bio Fuel	Journal of Entire Research	Vol. 03, pp 1-6,	2011
51.	A. A. Patil, D. S. Deshmukh, L. G. Navle and V. S. Patil	Experimental Investigation of a C. I. Engine Operating Parameters for Energy Efficient Exhaust System Development	<i>International Journal of Innovations in Mechanical &amp; Automobile Engineering</i>	Issue-I, Vol. 2, pp 60-64 (ISSN-2249-2968)	2011
52.	S.N. Jain , S.A. Raut , A.K. Goswami , V.N. Mawal , K.L. Wasewar	Fluid-Solid Heat Transfer In Cyclone Heat Exchanger	i-manager's Journal on Future Engineering & Technology	Vol. 7 1 No. 1 1 PP 53-60	2011
53.	V.N. Mawal, A.K. Goswami, S.N. Jain , K.L. Wasewar	Heat Transfer in Helical coil Heat Exchanger	i-manager's Journal on Future Engineering & Technology	Vol. 6, No. 3 35-40	2011
54.	S.N. Jain, S.A. Raut V.N. Mawal K.L.	Fluid Solid Heat Transfer in cyclone Heat Exchanger	Wasewari-manager's Journal on Future Engineering & Technology	Vol. 7, No. 1 53-60	2011
55.	P.D. Meshram, R.G. Puri, H.V. Patil	Epoxidation of Wild Safflower (Carthamus Oxyacantha) Oil with Peroxy Acid in Presence of Strongly Acidic Cation Exchange Resin IR-122 as Catalyst	International Journal of ChemTech Research	3 (3) 1152-1163	2011
56.	P.D. Meshram , V.R. Parate & R.G. Puri	Synthesis & Characterization of Maleinized Linseed Oil based Disinfectant Cleanser	Journal of Surface Science & Technology	27(1-2) 111-123	2011
57.	R.G. Puri & P.D. Meshram	Polyaspartics: An Overview	Paintindia	LXI (2) 51-55	2011
58.	Jitendra Narkhede and Dr. V. V. Shertukde	Mechanical Properties and Rheological Behavior of Poly(butylenes terephthalate)/Clay Nanocomposites with Different Organoclays.	J. Appl Polym Sci.	Vol.119 1067 – 1074	2011
59.	Prof. R.J.Memon [1], M. Talib [2], Mr. A.S.Khan	A New Approaches: Coating of a Paper with Biodegradable Polymer	International Journal of Chemical and Analytical Science	2(5), 27-28 ISSN: 0976-1209	2011
60.	VUambalkar, VS	Soxhlet Extraction of Neem Seed using	International Journal of	, 2(2) SSN: 0976-	2011

	Sapkal, M. Talib, S. A. Kahandelwal	hexane as a solvent	Chemical and Analytical Science	1209	
61.	Mr. P. D. Meshram	Laboratory Extraction of Cottonseed with Hexane -Isopropanol Hybrid Solvent System	Journal of Lipid Science and Technology	43(4), 147-152	2011
62.	Abhijeet Anand, R. D. Kulkarni, V. V. Gite	Preparation and Properties of Eco-friendly Two Pack PU Coatings Based on Renewable Source (Sorbitol) and Its Property Improvement by Nano ZnO	Progress in Organic Coatings	74, 764-767	2012
63.	Bharat Bhanvase, Ravindra D. Kulkarni, D. Pinjari, Parag Gogate, A. B. Pandit Shirish. H. Sonawane	Improved Active Anticorrosion Coatings using Layer-By-Layer Assembled ZnO Nanocontainers with Benzotriazole	Chemical Engineering Journal	189-190, 464-472	2012
64.	J. B. Naik, A. B. Lokhande, S. Mishra, R. D. Kulkarni	Development of Sustained Release Micro/Nano Particles using different Solvent Emulsification Techniques: A Review	International Journal of Pharma and Bio Sciences	3(4), 573 - 590 (ISSN 0975-6299)	2012
65.	G. A. Patil, M. L. Bari, B. A. Bhanvase, V. Ganvir, S. Mishra and S. H. Sonawane	Continuous synthesis of functional silver nanoparticles using micro reactor: effect of surfactant and process parameters	Chemical Engineering and Processing: Process Intensification,	62 (December), 69-77 [0255-2701]	2012
66.	V. K. Rana, S. Akhtar, S. Chatterjee, S. Mishra, R. P. Singh, C. S. Ha	Heterocyclic tri-urea isocyanurate bridged groups modified periodic mesoporous organosilica synthesized for Fe(III) adsorption	Journal of Solid State Chemistry	194, pp 392-399 [1433-0768]	2012
67.	N. G. Shimpi, M. D. Borane and S. Mishra	Biodegradation of polystyrene (PS) - Poly (Lactic Acid) (PLA) nanocomposites using pseudomonas aeruginosa	Macromolecular Research,	20 (2), pp 181-187 [598-5032, 2092-7673]	2012
68.	S. Mishra, A. Chatterjee	Novel synthesis of crystalline polystyrene nanoparticles (nPS) by monomer atomization in micro emulsion and their effect on thermal, rheological and mechanical properties of polypropylen	Macromolecular Research	20 (8), pp 780-788 [598-5032, 2092-7673]	2012
69.	S. Mishra, N. G. Shimpi and	Surface modification of montmorillonite	Macromolecular Research,	20(1), pp 44-50 [598-	2012

	A. D. Mali	(MMT) using column chromatography technique and its application in silicone rubber nanocomposites		5032, 2092-7673]	
70.	N. G. Shimpi and S. Mishra	Sonochemically synthesis of mineral nanoparticles and its applications in epoxy nanocomposites	Polymer-Plastics Tech. & Engg.,	51(2), 2012, pp 111-115, [0360-2559, 1525-6111]	2012
71.	S. Mishra, N. G. Shimpi and A. D. Mali	Investigation of Photo-oxidative effect on morphology and degradation of mechanical and physical properties of nano CaCO <sub>3</sub> silicone rubber composites	Polymers for Advanced Technologies,	23(2), pp 236–246 [1042-7147, 1099-1581]	2012
72.	Dhiraj Muratkar Lakshya Untwal and Jitendra Naik	Preparation and characterization of biodegradable cefpodoxime proxetil nanocapsules	Asian Journal of Pharmaceutical Sciences	7(2): 143-148	2012
73.	Vidyadhar V. Gedam, Jitendra L. Patil, Srimanth Kagne, Rajkumar S. Sirsam and Pawankumar Labhasetwar	Performance Evaluation of Polyamide Reverse Osmosis Membrane for Removal of Contaminants in Ground Water Collected from Chandrapur District	J Memb Sci Technol 2012	2:3, ISSN:2155-9589.	2012
74.	Rajkumar Sirsam*, Ravindra G. Puri, Pawan D. Meshram,	Influence of cetylpyridiniumbromide on corrosion inhibition of mild steel in sulphuric acid medium	Chemical Technology-An Indian Journal	7(2) [57-60] ISSN : 0974 – 7443.	2012
75.	Ravindra G. Puri*, Pawan D. Meshram, Rajkumar S. Sirsam	SMART COATINGS: Recent developments in smart coatings for corrosion	Paintindia	Vol LXII-No. 5, , pp-55-61.	2012
76.	A. P. Rajput, R. P. Gore	Synthesis and antimicrobial evaluation of some novel azole 1,3,4-oxadiazoles	Journal of Pharmacy Research	5(2), 990-992.	2012
77.	R. D. Kulkarni, N. Ghosh, U. D. Patil, S. Mishra	In situ synthesis of poly (styrenbutyl acrylate-acrylic acid) latex/ barium sulphate nanocomposite and evaluation their film properties	Polymer Composites Journal	34 (10), 1670–1681 ISI Journal Citation Reports © Ranking: 2012: 6/24 (Materia Science Composites); 39/83 (Polymer Science) Online ISSN: 1548-0569].	2012
78.	V. S. Patil, N. P. Patil	Membrane Distillation-An alternative for	Chemical Industry Digest	pp 75-81	2012



		reverse Osmosis Technology for Desalination			
79.	S. I. Kolhe, V. P. Patil, V. S. Patil, N. V. Haleogoda	Proposing an Electro static hydrodynamic Lubricant material for predication of friction in a gear tars	Journal of Emergency Technology and Application in Engineering, Technology and Sciences (JETAETS)	Vol. 05, (01), pp 160-167	2012
80.	V. S. Patil, N. P. Patil,	Molecular Sieve Dehydration Unit”(MSDU) The best technology for the production of absolute alcohol	Chemical Industry Digest	pp 52-57	2012
81.	K. P. Patil, V. S. Patil, G. P. Jatale and P. S. Shirsarkar	Removal of metal ion from waste water using Coconut shell and Waste Tea Powder as Natural Adsorbent	ournal of Chemical & Bio Sphere	Vol. 03	2012
82.	Komal D. Waghulde, G. A. Bathe, P. R. Patil, V. S. Patil	Reduce organic COD and color form textile effluent by using microbial film formation using Scoria rock bed	Journal of Chem & Bio Sphere	Vol. 03	2012
83.	G. A. Bathe, V. S. Patil, A. S. Chaurasia	Study on Temperature Gradients & Protein Enrichment by Aspergillus Oryzae in Solid-State Fermentation on Packed Bed Bioreactor using Jowar (Sorghum) Straw as Substrate	Journal of Sustainable Bioenergy Systems	Vol. 02 (3), pp 33-36	2012
84.	V.D.Patil,M.I.Talib	“Diesel Particulate Filter: A review	International Journal of Innovations in Mechanical & Automobile Engineering (IJIMAE)	Issue – III, pp. 140-146 , ISSN 2249-2968	2012
85.	Chavan Y.P, Talib m. Renge VC,Bhagat Sl., Khedkar SV	“Adosption of phenol onto Chafa(Michella Champaka L.) tree leaf powder	,Indian Journal of science,	Vol1, number1, pp 36-39, ISSN No. :- 2319-7730, EISSN No. :- 2319-7749	2012
86.	Visahl U.Ambalkar, M.Talib	Extraction and characterization of oil obtained from Acacia Arabica seeds	Journal of pharmacognosy and herbal formulations	vol2:~10,pp1-5 ISSN 2229-6840	2012
87.	G V Mote,V.B.Tagad,M.Talib	“Preparation of malt and malt beverages from Sorgham	Golden research thoughts	vol2 issue 3, pp 78-82 , ISSN2231-5063	2012

88.	V.U. Ambalkar, Mohd I Talib	Synthesis of furfural from lignocellulosic biomass as agricultural residues: a review	International journal of engineering and science	vol1,issue1 pp 30-36 ISBN:2319-1805 ISSN 2319-1813	2012
89.	Mohd. Talib1 , Yuvraj P.Chauhan* , Vilas C.Renge2 , Sanjay L.Bhagat3 , Satish V.Khedkar	“Adsorption of phenol onto Jamun (syzygium cumini) tree leaf powder	International journal of chemical engineering research (ijcher)	.vol.4,number1(2012) ,pp.9-17 ISSN 0975-6442	2012
90.	P Meshram, S Jadhav	Preparation and Properties of Lactic Acid-Based Modified Carboxylic Surfactant	Journal of Surface Science & Technology	28(3-4), 149-161	2012
91.	RS Sirsam, RG Puri, PD Meshram	Influence of Cetylpyridiniumbromide on corrosion inhibition of mild steel in sulphuric acid medium	Chemical Technology –An Indian Journal	7(2), 57-60	2012
92.	Patil Nilesh P., Patil K. P., Patil V. S	Adsorption of Copper (Cu++) & Zinc (Zn++) Metal Ion from Waste Water by Using Soybean Hulls and Sugarcane Bagasse as Adsorbent	International Journal of Scientific Research & Reviews	Vol. 01, Issue 02, pp. 14-25	2012
93.	A. B. Chaudhari, Abhijeet Anand, S.D. Rajput, R. D. Kulkarni, V. V. Gite	Synthesis, Characterization and Application of Azadirachta Indica Juss (Neem oil) fatty amides (AIJFA) based Polyurethane coatings- A Renewable novel approach	Progress in Organic Coatings	76, pp. 1779– 1785	2013
94.	A. B. Chaudhari, D. G. Hundiwale, R. D. Kulkarni, V. V. Gite	Renewable Source Based Polyurethane Coatings by Using Monoglycerides of Vegetable Oils and Its Modification by Nano TiO <sub>2</sub>	Pigment & Resin Technology	42 (6), pp. 353–361	2013
95.	A. B. Chaudhari, S. D. Rajput, P. P. Mahulikar, R.D. Kulkarni, V.V. Gite	Development of Eco-friendly Polyurethane Coatings based on Neem oil Polyetheramide	Industrial Crops and Products	50, 550– 556	2013
96.	R. D. Kulkarni, Tushar Deshpande, Priya Deshpande, P P Mahulikar	Synthesis of Sucrose- Coconut Fatty Acids Esters: Reaction Kinetics and Rheological Analysis	Industrial & Engineering Chemistry Research	52, pp. 15024-15033	2013
97.	A. B. Chaudhari, P. D. Tatiya, R. K. Hedao, R. D. Kulkarni,	Polyurethane Prepared from Neem Oil Polyesteramides for Self-Healing	Industrial & Engineering Chemistry Research	52, pp. 10189–10197	2013

	V. V. Gite	Anticorrosive Coatings			
98.	R. D. Kulkarni, Priya S. Deshpande, Sujay U. Mahajan, Pramod P. Mahulikar	Epoxidation of mustard oil and ring opening with 2-ethylhexanol for biolubricants with enhanced thermo-oxidative and cold flow characteristics	Industrial Crops and Products	49, pp. 586-592	2013
99.	Amolkumar B. Lokhande, Satyendra Mishra, Ravindra D. Kulkarni, Jitendra B. Naik	Preparation and characterization of repaglinide loaded ethylcellulose nanoparticles by solvent diffusion technique using high pressure homogenizer	Journal of Pharmacy Research	7, pp. 421-426	2013
100	Sujay Mahajan, Priya Deshpande, Ravindra Kulkarni, Pramod Mahulikar	Synthesis and Characterization of Chemically Modified Epoxidized Mustard Oil for Biolubricant Properties	International Journal of Applied Engineering Research	8 (17), pp. 2023-2030	2013
101	Amolkumar B. Lokhande, Satyendra Mishra, Ravindra D. Kulkarni, Jitendra B. Naik	Formulation and evaluation of glipizide loaded nanoparticle	International Journal of Pharmacy & Pharmaceutical Sciences	5 (4), pp.147-151	2013
102	Kulkarni R. D., Chaudhari M., Mishra S.	UV Cure Acrylate Monomers: Synthesis, Analysis and Storage	Pigment and Resin Technology	42, pp. 53 – 67	2013
103	D. Ratna, S.B. Jagtap, R. Ritu, R.K. Kushwaha, N. Shimpi, S. Mishra	A comparative studies on dispersion of multiwall carbon nanotubes in poly (ethylene oxide) matrix using dicarboxylic acid and amino acid based modifiers	Polymer Composites	34 (6), pp 1003-1011	2013
104	N. G. Shimpi, H. A. Sonawane, A. D. Mali, S. Mishra	Effect of Mg(OH) <sub>2</sub> nanoparticles on thermal, mechanical and morphological properties of millable polyurethane elastomer	Journal of Reinforced Plastics and Composites	32 (13), 935-946	2013
105	N. G. Shimpi, S. Mishra	Ultrasonic-assisted synthesis of nano-BaSO <sub>4</sub> and its effect on thermal and cross-linking density of epoxy nanocomposites	Journal of Reinforced Plastics and Composites	32(13), 947-954	2013
106	A. Chatterjee, S. Mishra	Novel synthesis with an atomized microemulsion technique and characterization of nano-calcium carbonate (CaCO <sub>3</sub> )/poly (methyl methacrylate) core-shell nanoparticles	Particuology	11(6) pp 760–767	2013

107	A. Chatterjee, S. Mishra	Nano-Calcium carbonate (CaCO <sub>3</sub> )/Polystyrene (PS) core-shell nanoparticle: It's effect on physical and mechanical properties of high impact polystyrene (HIPS)	Journal of Polymer Research,	20(10), pp1-12	2013
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