

Resume

- 1. Name** : Dr. Satyendra Mishra
2. Address : 30/80, Tilak Nagar, Neemkhedi Shivar,
 Jalgaon – 425001, M.S.
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3. Email : profsm@rediffmail.com, smishra@nmu.ac.in
4. Address (Office) : University Institute of Chemical Technology
 North Maharashtra University, Jalgaon-425001, MS
5. Date of Birth : 2/10/1957
6. Designation : Professor and Director

7. Degrees conferred (begin with Bachelor's degree)

Degree	Institution conferring the degree	Field (s)	Year
B.Sc.	Agra University Agra	Chemistry, Zoology, Botany	1980
M.Sc.	-Do-	Chemistry (Physical)	1982
Ph.D.	I.I.T. Delhi	Depolymerization of Coal	1989

8. Details of employment (in chronological order)

Office /Instt. /Firm	Post held	Ad-hoc/ reg./temp./ Pmt.	Durtion		Total Period (In years)	Scale of Pay	Nature of Duties
			From	To			
BITS Pilani	Asstt. Lecturer	Contractual	13.10.89	20.12.90	1 years 2 months	2200-2950	Teaching Research
Delhi College of Engg.	Sr. Scientist Officer-II	Temporary	01.04.91	31.03.94	3 years	2200-4000	Research Teaching
Delhi College of Engg.	Sr. Scientist Officer-I	Temporary	01.04.94	20.07.94	4 Month	3000-4500	Research Teaching
UDCT, N.M.U. Jalgaon	Reader & Head	Permanent	21.07.94	13.08.99	5 years 1 month	3700-5700	Teaching Research Admin.
UICT, N.M.U. Jalgaon	Professor & Head Director	Permanent	14.08.99	Till date	22 years	37000-67000 +10000	Teaching Research Admin.

9. Research/ Training experience (in chronological order)

Duration	Institution	Name of work done
01.09.82 – 01.12.83	Delhi College of Engg. Delhi	Degradation and Stabilization of Rubber
01.01.84 – 12.10.89	I.I.T. Delhi	Depolymerisation of Coal
13.10.89 – 20.12.90	BITS, Pilani	Characterization of Coal
01.04.91 – 20.07.94	Delhi College of Engg. Delhi	Polymer Blends and Composites
21.07.94 – till date	North Maharashtra University, Jalgaon	1. Water Soluble Polymers 2. Depolymerisation of PET

		3. Biodegradable Polymer Composites 4. Polymer Nanocomposites 5. Wood Polymer Composites 6. Elastomer Nanocomposites 7. Core-shell polymer nanocomposites 8. Conducting polymer nanocomposites 9. Nano materials for gas sensing
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10. Other Administrative, Academic and Corporate Activities

- i. Director, University Institute of Chemical Technology, North Maharashtra University, Jalgaon till 23.6.2015
- ii. Head, Department of Chemical Technology, North Maharashtra University, Jalgaon
- iii. Chairman, Board of studies Chemical Technology, North Maharashtra University, Jalgaon
- iv. Chairman, IPI Subchapter, Jalgaon.
- v. Member, Academic Council, North Maharashtra University, Jalgaon since 1995 to till date; SGB Amravati University, Amravati (2007- 2012)
- vi. Member, Faculty of Engineering and Technology, North Maharashtra University, Jalgaon since 1995 to till date; SGB Amravati University, Amravati (2007- 2012)
- vii. Member, Senate, North Maharashtra University, Jalgaon; RTM Nagpur University Nagpur (2011-2016)
- viii. Member, Research Degree Committee (RDC), Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal
- ix. Subject expert for selection committee of teaching posts of some of the Universities of Maharashtra
- x. Member, Purchase committee, North Maharashtra University, Jalgaon
- xi. Ex-Director, Central assessment program, North Maharashtra University, Jalgaon
- xii. Senior Supervisor, University Examination, North Maharashtra University, Jalgaon
- xiii. Organizing Chairman of weeklong scientific and cultural activities under the title 'OPEN HOUSE' for the celebration of National Science Day during 23-28 February, 1996, during 24-28 February, 1997, 23-28 Feb., 98, 24-28 Feb., 99, 24-28 Feb., 2000, 24-28 Feb., 2001, 24-28 Feb., 2002, 24-28 Feb., 2003, 24-28 Feb., 2004, 24-28 Feb., 2005, 24-28 Feb., 2006, 24-28 Feb., 2007, 24-28 Feb., 2008, 24-28 Feb., 2009, 22-26 Feb., 2010, 24-28 Feb., 2011, 25-28 Feb., 2012, and 25-28 Feb., 2013, 24-26 Feb, 2014, 2-4 March, 2015

11. Reviewer of following journals

- i. Journal of Applied Polymer Science, John Wiley Publication,
- ii. Journal of Polymers and Polymer Composites, RAPRA Technology,
- iii. Composite Science and Technology, Elsevier Publication,
- iv. Material research Bulletin, Elsevier Publication,
- v. Composites Part –A, Elsevier Publication,
- vi. Polymer International, John Wiley Publication
- vii. Journal of Polymer Science, Part-B Polymer Physics, John Wiley Publication
- viii. Polymer composites
- ix. International journal of plastic testing
- x. International Journal of scientific research and reviews
- xi. Industrial and engineering chemistry research
- xii. Advances in Polymer technology
- xiii. RSC Advances
- xiv. Sensors and actuators-B chemical
- xv. Polymer
- xvi. Nano and Micro systems
- xvii. current Nanoscience

12. Awards and Honor

S. No	Title	Event
	Conference Excellence Award	Sriram Institute for Industrial Research, Delhi, International Conference on Plastic waste Management and Environment, 15-16 Mar, 2001
	Best paper Award	S. Mishra, Arindam Mukherjee, C.V. Raman Memorial seminar, N.M.U. Jalgaon, 28 February, 2004
1.	Best Paper award	S. Mishra and N .G. Shimpi, C.V. Raman Memorial seminar, N.M.U. Jalgaon, 28 February, 2005
2.	Best paper Award	International Congress of Chemistry and Environment ICCE-2009, Ubonratchathani University, Ubon. Thailand on 23-25 Jan 2010
3.	J.S. Pruthi Award for New Product/process	Indian Food Packers, Journal of all India Food Processors Association, Hauz Khas, New Delhi- December 2005
4.	Best paper Award	S. Mishra, Jagmohan Verma, C.V. Raman Memorial seminar, N.M.U. Jalgaon, 28 February, 2006
5.	Best paper Award	Role of Nanotechnology in Polymer & Chemical Industries', 15 March, 2008, Department of Chemical Technology, North Maharashtra University, Jalgaon
6.	Excellence award for Research and Development	North Maharashtra University award for Research and Development for the year 2011-12
7.	Research and development Excellence Award	North Maharashtra University, Jalgaon, 15.8.2013
8.	Research Paper Excellence Award	North Maharashtra University, Jalgaon, 15.8.2014
9.	Patent Excellence Award	North Maharashtra University, Jalgaon, 15.8.2014
10.	Research Paper Excellence Award	North Maharashtra University, Jalgaon, 15.8.2015
11.	Patent Excellence Award	North Maharashtra University, Jalgaon, 15.8.2015
12.	Leadership Excellence award in Research and academic	Raisoni group of Institution and International association of Management scholars (AIMS), North Maharashtra Chapter, 30.7.2016

13. List of sponsored research Projects from various funding agency

13-A) Details of Major Research Project completed:

Sr. No.	Title of the Project	Duration		Budget Allocated in Lacs	Sponsored by
		From	To		
	Seed Money	2013	2015	4.00	TEQIP
1.	Synthesis and characterization of nanoscopically confined polymer nanocomposites (Co-Investigator)	2012	2015	16.79	CSIR
2.	Effect of nanofiller master batches on processing of polymers (Co-Investigator)	2012	2015	13.55	UGC
3.	Synthesis and Characterization of Core-Shell Nanoparticles and Their Effect on Rheological, Thermal and Mechanical Properties of Polymers"	2011	2014	10.96 + Project Fellow	UGC
4.	SAP-DRS	2011	2016	74.00	UGC
5.	Innovative Programme-M. Tech. Nano Science and Technology, Chairman- Prof S. Mishra	2010	2015	55.50 + 2 Lecturers	U.G.C., Delhi-Innovative

6.	Synthesis, characterization and particle formation mechanism of core-shell nanostructures using ultrasonically initiated miniemulsion polymerization (Co-Investigator)	2010	2013	14.95	DRDO
7.	Synthesis of core-shell polymer nanoparticles using Micro emulsion technique and its application of biodegradable polymers (Co-Investigator)	2010	2013	10.31	UGC
8.	Effect of Nanoinorganic Fillers on weather Properties of Elastomer	2009	2013	14.51	CSIR
9.	Funds for improvement in Science and Technology	2009	2014	83.00	DST
10.	Development and Formulation of Sustained Release Nanoparticles of some Anti-Diabetic Drugs (Co-Investigator)	2010	2013	32.21 +JRF	DST, Nano- Mission
11.	Non SAP- Basic Science Research	2008	2013	20.00 + 4 JRF	UGC
12.	Synthesis and Characterization of Nano Polymer Particles by Micro emulsion Method and their Applications in Polymer Processing	2007	2010	11.97	UGC
13.	Synthesis of Nanoinorganic Filler and Their Effect on Mechanical, Thermal and Weather Resistance Properties of Elastomer Nanocomposites	2005	2008	6.00	CSIR
14.	Feasibility Study of Synthesis of Elastomer Nano composites for Potential Use at Cryogenic temperature Conditions	2004	2005	1.53	ISRO-Cell UOP
15.	Studies on Mechanical and Rheological Properties of Polymer Composite Reinforced Nano Particles	2003	2005	4.25	CSIR
16.	Modernization of Paint Testing and Characterization Lab	2003	2006	8.00	AICTE
17.	Studies on Effect of Mineral Nanofillers on Mechanical And Processing Properties of Polymers and Their Industrial Applications	2003	2006	20.48	DST
18.	Synthesis of Water Soluble Polymers and There Process Feasibility as Antiscaling Agent For Heat Exchanger and Boiler	2002	2005	4.61	UGC
19.	Design Development and Performance of Actinic Photo catalytic Detoxi fication System for Direct Environ mental Applications of Solar Energy	2001	2004	4.64	UGC
20.	Modernization of plastics Processing and Characterization Lab	1999	2001	5.00	AICTE
21.	Development of Biodegradable Polymer Composite	1996	1999	6.99	UGC
22.	Studies on Development of Scale Inhibitors Using Polyanionic and Polycationic Polymers for Evaporative Desalination Units and Heat Exchangers	1995	1997	0.15	UGC

13-B) Details of Ongoing Projects:

Sr. No.	Title of the Project	Duration		Budget Allocated in Lacs	Sponsored by
		From	To		
1.	Structural reinforcement and improvement of compressive strength after impact (CIA) in hybrid graphene nanocomposites (UK-India	2015	2016	15.43	UKEIRI- DST

	Collaborative)				
2.	FIST-II, Chairman- Prof. S. Mishra	2014	2019	240.00	DST
3.	Technical Education Quality Improvement Programme (TEQIP – II)	2013	2016	1000.00	MHRD-World Bank
4.					

14. Details of theses supervised

14-A) Ph.D. Theses:

S. No.	Name of Student(s)	Thesis title
1.	Rutuja Deshmukh	Development and characterisation of safranal micro/ nanoparticle for various biological applications (Ongoing)
2.	Gayatri Lomate	Development of antimicrobial food packaging film incorporated with biopolymer coated antimicrobial metal nanoparticles (Ongoing)
3.	Preetam Bharadiya	Study the effect of graphene based materials on the conducting properties of Polyaniline and mechanical properties of Epoxy Resin (Ongoing)
4.	Prashant Khobragade	Synthesis and characterization of hybrid nanostructures and their effect on physico-mechanical properties of polymer nano composites. (Ongoing)
5.	Rini Jain	Studies on development of electrochemical and electronic properties of chemically modified nanographite polymer composites (Ongoing)
6.	Sarang Bari	Studies on development of biodegradable nanocomposites (Ongoing)
7.	Chetan Mahajan	Investigation of physical-chemical properties of graphitic nanomaterial based polymeric nanocomposites (Ongoing)
8.	Prapti Chaudhari	Studies on synthesis of doped heterogeneous titanium oxide nanocomposites using sol-gel methods and its applications (submitted)
9.	Shailesh A. Ghodke	Studies on nanocontainers based delivery system for materials (submitted)
10.	Mahendra Bari	Design and Development of Micro reactor system for synthesis of nano systems (submitted)
11.	Hansraj Patil	Synthesis & characterization of surfactants as micro heterogeneous systems for synthesis of nanoparticles (Awarded 2016)
12.	Tanushree Sen	Studies on Synthesis and Characterization of Conducting Polymer nanocomposites (Awarded 2015)
13.	Vijay Kumar Rana	Biodegradable Polymer based nanoscale materials for Bio-Medical Application (Awarded 2015)
14.	Ananda Mali	Studies on Effect of Nanoinorganic fillers on weather Properties of Elastomers (Awarded 2014)
15.	Mayur Chaudhari	Studies On Synthesis and Analysis of Polymers and Photo initiators for Formulation and Characterization of UV Curable Coatings (Awarded 2012)
16.	Nippon Ghosh	Development of Techniques for synthesis of Nano particles for Utilization as Spacing extenders, Latex modifiers and paint Additives (Awarded 2011)
17.	A.M. Nemade	Studies on Depolymerisation Kinetics and Thermodynamics of Polyamide Waste (Awarded 2011)
18.	U.D. Patil	Synthesis of Nanoinorganic Filler and Their Effect on Mechanical, Thermal and Weather Resistance Properties of Elastomer Nanocomposites (Awarded 2010)
19.	Aniruddha Chatterjee	Synthesis and Characterization of Nano Polymer Particles and Their Effect on Processing and Mechanical Properties of Polymers (Awarded 2010)

20.	S.S. Sonawane	Studies on Synthesis of Mineral Nano fillers and their effect of Mechanical and Thermal Properties of Polymers (Awarded 2010)
21.	V.R. Dhiware	Mass and Heat Transfer Studies Modeling and Simulation During Depolymerization of Poly(ethylene terephthalate) Waste (Awarded 2009)
22.	Jagmohan Varma	Studies on Mechanical and thermal properties of wood polymer composites using Blowing agents as additive (Awarded 2007)
23.	Navin G. Shimpi	Studies on Mechanical and Thermal properties of rubber composites filled with nanoparticles (Awarded 2006)
24.	Arindum Mukharji	Studies on Mechanical and Thermal properties of Polymer Nanocomposite (Awarded 2006)
25.	K.C. Patil	Studies on Chemistry and Technology of Sunflower Pectin (Awarded 2005)
26.	S.H. Sonawane	Studies on Mechanical and Rheological Properties of Polymer Composites Reinforced Nanoparticles (PNC)(Awarded 2005)
27.	V.S. Zope	Studies on Depolymerisation Kinetics and Thermodynamics of Polyester and Polyurethane Waste (Awarded 2004)
28.	A. S. Goje	Studies on Process Development, Modelling and Simulation for Chemical Recycling of Polyester Waste. (Awarded 2003)
29.	I.D. Patil	Development of water Soluble Polymers for Anti Scaling of Heat Exchangers. (Awarded 2004)
30.	Y.P. Patil	Studies on Mechanical, Swelling and Electrical Properties of Wood Polymer Composites Based on Bagasse and Thermoset Polymers. (Awarded 2003)
31.	N.R. Talele	Studies on Developments of Biodegradable Polymer Composites Based on Polyolephins and Starch. (Awarded 2002)
32.	J.B. Naik	Studies on Development of Value Added wood polymer composites based on Agro-wastes, and Novolac, H.D.P.E. and Polystyrene. (Awarded 1999)

14-B) M.Tech. Theses:

S. No.	Name of Student(s)	Thesis Title
1.	S. Balakrishnan	Studies on Thermal Degradation Kinetics of Ethylene Vinyl Acetate and Ethylene Propylene Diene terpolymer blends (Awarded 1993)
2.	T. R. Parida	Study on Process Control and Determination of Flow of activation Energy of High Density Polyethylene/ Ethylene propylene diene terpolymer (Awarded 1994)
3.	Mintoo Hazarika	Studies on Vulcanization behavior and Thermal degradation Kinetics of Dynamically vulcanized butyl rubber and polypropylene Blends. (Awarded 1994)
4.	G.B. Perumal	Studies on Mechanical Properties of Treated Calcium Carbonate Filled Polyvinyl Chloride/ Ethylene Vinyl Acetate Blends. (Awarded 1994)
5.	K.K. Thiruvalluvan	Syntheses and Thermal Studies of Polyurethanes. (Awarded 1994)
6.	Parag Saxena	Studies on water soluble polymers as antiscaling agent for heat exchangers and boilers. (Awarded 2004)
7.	Amit Kumar	Effect of Modified CaCO ₃ on Thermal and Mechanical Properties of PVC Composites (Awarded 2010)
8.	Vishal R. Chaudhari	Role of calibration and measurement uncertainty on Test results derived from Analytical equipment (TGA), (Awarded 2010)
9.	Nitin N. Thakare	Studies on effect of silica nano particles on impact and wear resistance Properties of Polyimides, (Awarded 2010)
10.	Prapti Chaudhari	Studies on synthesis of TiO ₂ nanoparticles by sol-gel method and its applications in gas sensing (awarded 2011)
11.	Sunita Jangale	Synthesis of Polylactic Acid Calcium Phosphate Core-Shell Nano particle and Their Effect on Biodegradation of Polypropylene (11-12)
12.	Shital	Effect of maleic anhydride treatment on tea dust polypropylene composites (2014)

	Lanjewar	
13	Pravin Bari	Effect of silane treatment on tea dust polypropylene composites (Awarded 2014)
14	Pratibha Patil	Synthesis of polystyrene nanoparticles blended with rubber (Awarded 2014)
15	Bharti Yeole	Synthesis & characterization of Polypyrrole nanocomposites (Awarded 2014)
16	Ankur aware	Synthesis and Characterization PANi/CdO Nanocomposites and its application in Gas Sensing for LPG and Cyclic Voltammetry” (Awarded 2015)
17	Yogita Rathore	Dynamic mechanical and thermo-physical performance of styrene treated tea dust-polypropylene composites (Awarded 2015)
18	Vinayak Sabane	Experimental evaluation of polymer modified bituminous water proofing membranes and acrylic Anti carbonation coatings for their durability in reinforced cement concrete structure (Awarded 2015)
19	Rani Gupta	Aliphatic Diamine based benzoxazine Insulating Resin (Awarded 2016)
20	Vishakha Shende	Preparation of Floor Coating (Deck Covering) for Naval Ships (Awarded 2016)
21	Mayur Dhande	Studies on Synthesis and sensing Parameters of CdO-TiO ₂ / Pani Nanocomposites (Awarded 2016)
22	Bhatu Suryavanshi	Synthesis of Liquid Epoxy Resin and study their Curing behaviour Using Hardner (Awarded 2016)
23	Samrin Khan	Effect of Chemically Reduced Graphene Oxide on Mechanical and Thermal Properties of Epoxy Nanocomposites (Awarded 2016)

14-C) M. Sc. / B.Tech. Theses:

S. No.	Name of Student(s)	Project title
1.	Patel Rizwan	Effect of Maleic Anhydride Treatment on Water Swelling and Mechanical Properties of Rice Husk and PP Composites (Awarded 2003)
2.	A Rahul V, Patil D R., Jangid Sumit N.	Photo Degradation of Polymer by using Nano Particles (Awarded 2003)
3.	Atul S. Bendale Patil Kiran Kumar R	Study of Mechanical and Thermal Properties of Nano Polymeric Composites (Awarded 2003)
4.	P Manish, S Yogesh, W Vishal R.	Synthesis of Low Molecular Weight Polyacrylic Acid and its Application as Antiscaling Agent for Heat Exchanger (Awarded 2003)
5.	B Naresh, Patil Devendra, G Kishor	Modification of Rubber by Nano technology (Awarded 2003)
6.	Patil Rahul, Patil Bhagwat, K Sawan	Studies on Properties of Thermoplastic Hybrid composite of Sisal and Glass Fibre (Awarded 2003)
7.	Sancheti Jitendra J.	Development of Road Binder by Using Waste Polymer (Awarded 2003)
8.	Manisha G. Shrivage, Swapnil A. Sinkar, Yogesh M. Sonar	Fabrication and Atomization of Banbury Internal Mixer (Awarded 2002)
9.	Nitin N. Thakare Rakesh R. Chaudhari	Studies on Effect of Molecular Weight on Surfactant as well as Antiscaling Behavior of Polyvinyl Alcohol (PVA) (Awarded 2002)
10.	V.D. Patil, R.U. Deshpande	Development of Road Binder by Using Polymer Waste (Awarded 2002)
11.	M.P. Patil, P.M. Sonawane, K.S. Patil	Comparative Study of Depolymerisation of PET Waste by Hydrolytic Depolymerisation and Alcoholysis (Awarded 2002)

12.	G.S. Khutade, S.S. Thorat, A.P. Barbole	Studies of Effect of Glass Fibre on Mechanical Properties of Wheat Straw: Novolac Composites (Awarded 2002)
13.	Vijay L. Patil, M. V. Patil, B.B. Kharat	Studies on Effect on Curing Agent with Compatibilizers on Glass Fiber Reinforced Unsaturated Polyester Composites (Awarded 2002)
14.	Rupesh N. Patel, V.T. Ingle, Y.S.Wani	Studies on synthesis of Low Molecular Weight Polyacrylic acid and Its Application as antiscaling Agent (Awarded 2002)
15.	U.D. Harkal, N.M. Barokar, Y.J. Ner	Synthesis and Characterization of conducting polymers Polyaniline (Awarded 2001)
16.	R.S. Chaudhari C.V. Limaye, J. S. Narkhede	Studies on Effect of Glass Fibers on Mechanical Properties of Wheat Straw- Novolac Resin Composite (Awarded 2001)
17.	B. K. Yadav, A. K. Tiwari, Vikas S. Rathi	Study of Compatibilisation of HIPS/ PET blends (Awarded 2001)
18.	Rajesh D. Warade, Arvind R. Khot	Study on Polyester Composites with Natural Fibers and Synthesis of Styrene Maleic Anhydride Copolymer (Awarded 2001)
19.	M.G. Nerkar, R.S. Shinde	Development of road binder by using Waster Polymer (Awarded 2001)
20.	C. Uday Shekhar Tushar N. Patel	Studies on Mechanical properties of Compatibilizers on glass Fiber Reinforced Polyester Composites (Awarded 2000)
21.	Satish Khajone, R Lalwani, S Bedmutha	Development of Road Binder by Using Waste polymer (Awarded 2000)
22.	V.V. Kodgire, R. A. Patil, M.S. Vijapurkar	Studies on Mechanical Properties of Compatibilizers on Glass Fiber Reinforced Polyester Composites (Awarded 2000)
23.	Prakash R. Patil, D. R. Mishra	Studies on Mechanical Properties of Glass Fiber Reinforced composites (Awarded 2000)
24.	Niraj Jiwani, N. Saxena	Optimization of Nylon 66 in LLDPE: Nylon 66 blends using EVA as a Compatibilizers (Awarded 2000)
25.	Bhavesh L. Shah, Yogendra S. Kolte	Studies on development of biodegradable Polymer using Corn Starch and polyvinyl alcohol (Awarded 2000)
26.	Vishal Karmore, Avinash Ladda	Depolymerisation of thermoset plastics waste through Chemical Reactions (Awarded 1999)
27.	D. S. Dusane, B.Gajare	Wood Polymer composites from Agro Waste (Awarded 1999)
28.	K.M. Patil, U.P. Kharche, B. Rai	Studies on Development of Flocculating water Soluble Polymers (Awarded 1997)
29.	Yogesh Patil, N.Sonavane	Wood Polymer Composite Prepared from Novolac and Teak Saw Dust (Awarded 1996)
30.	S.V. Baviskar, P.K. Banjari	Development of Antiscaling Water Soluble and Polymers (Awarded 1996)
31.	Y. P. Patil	The Studies on Development of Blends Using HDPE and Latex Obtained from E. Nerifolia (Awarded 1995)
32.	Vinod. P. Bhavsar	Adsorbent Charcoal from Groundnut Shell (Awarded 1995)
33.	N.R. Talele, S.R. Gite	Studies on Development of Nitrile Rubber and Based Adhesive and Its Mechanical Properties (Awarded 1995)

15. Research publications

Sr No	Name of the Authors	Title of the paper	Name of Journal & Year
205	S Jain, N Karmakar, A Shah, DC Kothari, S Mishra, NG Shimpi	Ammonia detection of 1-D ZnO/polypyrrole nanocomposite: Effect of CSA doping and their structural, chemical, thermal and gas sensing behavior	Applied Surface Science, 2017, 396, 1317–1325
204	Navinchandra Shimpi, D.P. Hansora, Satyendra Mishra	High-performance polyimide film based hybrid nanostructures: Synthesis, characterization, and properties investigation	Polymer Composites, 2016 published (online)
203	Tushar Ambone, Seena Joseph, E. Deenadayalan, Satyendra Mishra, S. Jaisankar and P. Saravanan	Poly(lactic Acid (PLA) Biocomposites Filled with Waste Leather Buff (WLB)	J Polym Environ DOI 10.1007/s10924-016-0891-3
202	Sarang S. Bari and Satyendra Mishra	Effect of calcium sulphate nanorods on mechanical properties of chitosan-hydroxyethyl methacrylate (HEMA) copolymer nanocomposites	Carbohydrate Polymers 2016 Published online
201	Satyendra Mishra and Jagmohan Verma	Effect of Treatment of TiO ₂ on Thermal Decomposition Kinetics of Wood : PVC Microcellular Composites	International Journal of Plastics Technology, 2016, Published online
200	Yogita Rathod, Pravin Bari, D.P. Hansora and Satyendra Mishra	Elaboration of performance of tea dust-polypropylene composites	Journal of Applied Polymer Science, 2016, (Online)
199	P.S. Khobragade, D.P Hansora S. Mishra , J.B. Naik, J. Njuguna	Preparation and analysis of multi-layered hybrid nanostructures	Applied Clay Science, 2016, 132–133, 668–674
198	NG Shimpi, S Jain, N Karmakar, A Shah, DC Kothari, S Mishra	Synthesis of ZnO nanopencils using wet chemical method and its investigation as LPG sensor	Applied Surface Science 2016, 390, 17-24
197	A. Chatterjee, C. Hazra, D.	Surfactin functionalized poly(methyl methacrylate) as eco friendly nano-	RSC Advances, 2016, 6 (84), 80438-80454

	Kundu, A.B. Chaudhari, S. Mishra, K. Kharat	adsorbant; from size controlled scalable fabrication to adsorptive removal of organic and inorganic pollutants	
196	Shital R. Lanjewar, Pravin S. Bari, D.P. Hansora and Satyendra Mishra	Preparation and analysis of polypropylene composites with maleated tea dust particles DOI 10.1515/secm-2015-0345	Science and Engineering of Composite Materials, 2016, Published online
195	Bharati Yeole, Tanushree Sen, D.P. Hansora , Satyendra Mishra	Polypyrrole/metal sulphide hybrid nanocomposites: synthesis, characterization and room temperature gas sensing properties"	Materials Research, 2016, Published online
194	Tanushree Sen, Navinchandra G. Shimpi, Satyendra Mishra	Room Temperature CO Sensing by Polyaniline/Co ₃ O ₄ Nanocomposite	Journal of Applied Polymer Science, 2016 Published online
193	Satyendra Mishra, Jag Mohan . Verma	Thermal Decomposition Kinetics of Silane Treated Wood : PVC Microcellular Composites	International Journal of Plastics Technology, (June 2016) 20(1):93–105
192	S. N. Patil, J. S. Paradeshi, P. B. Chaudhari, S. Mishra, B. L. Chaudhari	Bio-therapeutic potential and cytotoxicity assessment of pectin mediated synthesized nanostructured cerium oxide	Applied Biochemistry and Biotechnology, 2016, Published online
191	A. Chatterjee, P.S. Khobragade, S. Mishra , J.B. Naik	Advanced Microemulsion Synthesis and Characterization of Wollastonite (CaSiO ₃) /Polystyrene (PS) One Dimensional (1D) Nano-rods with Core-Shell Structures	Particuology, 2016 Published online
190	P Chaudhari, S Mishra	Effect of CuO as a Dopant in TiO ₂ on Ammonia and Hydrogen Sulphide Sensing at Room Temperature	Measurement 90 (August), 468–474, 2016
189	Sarang S. Bari, Aniruddha Chatterjee, and Satyendra Mishra	Biodegradable polymer nanocomposites: An overview	Polymer reviews, 56 (2), 287–328, 2016, doi.org/10.1080/15583724.2015.1118123
188	Navinchandra Shimpi, Tanushri Sen , Satyendra Mishra	Synthesis and sensing applications of polyaniline nanocomposites: a review	RSC Advances, 6 (48), 42196-42222
187	Navinchandra Shimpi, Mahesh Borane, Satyendra Mishra, Meghraj Kadam and S. S. Sonawane	Biodegradation of Isotactic Polypropylene (iPP)/Poly(lactic acid) (PLA) and iPP/PLA/Nano Calcium Carbonates Using <i>Phanerochaete chrysosporium</i>	Advances in Polymers Technology, DOI: 10.1002/adv.21691, 2016
186	Rini Jain and Satyendra Mishra	Electrical and electrochemical properties of graphene modulated through surface functionalization†	RSC Advances, 6 (33), 27404-27415, 2016, DOI: 10.1039/c5ra26533a

185	P Chaudhari, V Chaudhari, S Mishra	Low Temperature Synthesis of Mixed Phase Titania Nanoparticles with High Yield, its Mechanism and Enhanced Photoactivity	Materials Research, 2016; 19(2): 446-450 doi.org/10.1590/1980-5373
184	P Bari, S Lanjewar, DP Hansora, S Mishra	Influence of the coupling agent and graphene oxide on the thermal and mechanical behavior of tea dust–polypropylene composites	Journal of Applied Polymer Science 133 (4) (Published online) 2016
183	Dharmesh P Hansora, Navinchandra G. Shimpi and Satyendra Mishra	Performance of hybrid nanostructured conductive cotton materials as wearable devices: An overview of materials, fabrication, properties and applications	<i>RSC Adv.</i> , 5 (130), 107716-107770, 2015, DOI: 10.1039/C5RA16478H
182	S Bari, A Chatterjee, S Mishra	Ultrasonication assisted and surfactant mediated synergistic approach for synthesis of calcium sulphate nano-dendrites	Ultrasonics Sonochemistry, 31, 39-50, 2016
181	A Chatterjee, PS Khobragade, S Mishra	Physicomechanical properties of wollastonite (CaSiO ₃)/styrene butadiene rubber (SBR) nanocomposites	Journal of Applied Polymer Science 132 (47) (Published online) 2015
180	DP Hansora, NG Shimpi, S Mishra	Graphite to Graphene via Graphene Oxide: An Overview on Synthesis, Properties, and Applications	JOM 67 (12), 2855-2868 2015
179	SH Sonawane, ML Bari, PL Suryawanshi, JS Narkhede, S Mishra,	Effect of Process Parameters on Properties of Colloids in a Continuous-Flow Microreactor System	Chemical Engineering & Technology 38 (10), 1765-1773, 2015
178	NG Shimpi, S Shirole, Y Suryawanshi, S Mishra	Optimized Synthesis of nTiO ₂ Using <i>Murraya koenigii</i> Leaf Extract and Its Application in iPP–EPDM Blends	Advances in Polymer Technology(Published online) 2015
177	N Shimpi, S Shirole, S Mishra	Polypropylene/nTiO ₂ nanocomposites using melt mixing and its investigation on mechanical and thermal properties	Polymer Composites (Published online) 2015
176	N Shimpi, M Borane, M Kadam, S Mishra	Effect of organically modified montmorillonite (OMMT) on biodegradation of PS: PLA and PS: PLA: OMMT using <i>Phanerochaete chrysosporium</i>	Polymer Composites (Published online) 2015
175	M BARI, S SONAWANE, S MISHRA	Formation of iron oxide nanoparticles in continuous flow microreactor system	Chemical and Bioprocess Engineering: Trends and Developments, 391 (Published online) 2015
174	N G Shimpi, S Shirole, S Mishra	Biogenesis Synthesis and Characterization of Silver Nanoparticles (AgNPs) Using the Aqueous Extract of <i>Alstonia scholaris</i> : A Greener Approach	Micro and Nanosystems 7 (1), 49-54, 2015

173	A Lokhande, S Mishra, R Kulkarni, J Naik	Development and Evaluation of Nateglinide Loaded Polycaprolactone Nanoparticles	Micro and Nanosystems 7 (1), 43-48, 2015
172	NG Shimpi, DP Hansora, R Yadav, S Mishra	Performance of hybrid nanostructured conductive cotton threads as LPG sensor at ambient temperature: preparation and analysis	RSC Advances 5 (120), 99253-99269, 2015
171	B. Yeole, T. Sen, D. P. Hansora, S. Mishra	Effect of electrical properties on gas sensitivity of polypyrrole/CdS nanocomposites	Journal of Applied Polymer Science(Published Online) 2015
170	N. G. Shimpi, A. D Mali, D.P. Hansora, Satyendra Mishra	Synthesis and Surface Modification of Calcium Carbonate Nanoparticles Using Ultrasound Cavitation Technique	Nanoscience and Nanoengineering 3(1): 8-12, 2015
169	Shailesh Ghodke, S.H. Sonawane and S. Mishra	"Studies on Fragrance Delivery from Halloysite Nanocontainers: Encapsulation, Release and Modeling Studies", has been accepted for publication in	Journal of The Institution of Engineers (India): Series E 96, (1), 45-53, 2015,
168	M Vinod, K Bharti, V Umakant, S Navin, N Jitendra, M Satyendra	M Vinod, K Bharti, V Umakant, S Navin, N Jitendra, M Satyendra	Micro and Nanosystems 6 (4), 109-117, 2014
167	N. G. Shimpi, A. D. Mali, H. A. Sonawane, S. Mishra	Effect of nBaCO ₃ on mechanical, thermal and morphological properties of isotactic PP-EPDM blend	Polym. Bull. (2014) 71:2067–2080
166	D. Kundu, C. Hazra, A. Chatterjee, A. Chaudhari, S. Mishra	Extracellular biosynthesis of zinc oxide nanoparticles using <i>Rhodococcus pyridinivorans</i> NT2: multifunctional textile finishing, biosafety evaluation and <i>in vitro</i> drug delivery in colon carcinoma	Journal of Photochemistry and Photobiology B: Biology, 2014, 140, 194-204
165	T. Sen, N.G. Shimpi, S. Mishra, R. Sharma	Polyaniline/ γ -Fe ₂ O ₃ nanocomposite for room temperature LPG sensing	Sensors and Actuators B: Chemical 2014, 190, pp 120-126
164	D. Kundu, C. Hazra, A. Chatterjee, A. Chaudhari, S. Mishra	Biopolymer and biosurfactant-graft-calcium sulfate/polystyrene nanocomposites: Thermophysical, mechanical and biodegradation studies	Polymer Degradation and Stability, 2014, 107, pp 37-52
163	C. Hazra, D. Kundu, A. Chatterjee, A. Chaudhari, S. Mishra	Poly(methyl methacrylate) (core)-bio surfactant (shell) nanoparticles: size controlled sub-100 nm synthesis, characterization, antibacterial activity, cytotoxicity and sustained drug release behavior	Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 449, (1 May), pp 96–113
162	N. G. Shimpi, H. A. Sonawane, A. D. Mali, S. Mishra	Effect of nAl(OH) ₃ on thermal, mechanical and morphological properties of millable polyurethane (MPU) rubber	Polymer Bulletin, 2014, 71 (2), pp 515-531
161	V.K. Rana, S. Akhtar, S.	Chitosan and Chitosan-co-Poly (ϵ -caprolactone) Grafted Multiwalled Carbon Nanotube	Journal of Nanoscience and Nanotechnology, 2014, 14 (3),

	Chatterjee, S. Mishra, R. P. Singh, C.S. Ha	Transducers for Vapor Sensing	pp 2425-2435
160	N.G .Shimpi, M. Borane, S. Mishra	Preparation, characterization, and biodegradation of PS: PLA and PS: PLA: OMMT nanocomposites using <i>Aspergillus niger</i>	Polymer composites, 2014, Feb 2014 35 (2), pp 263–272,
159	C. Hazra, S. Bari, D. Kundu, A. Chaudhari, S. Mishra, A. Chatterjee	Ultrasound-assisted/biosurfactant-templated size-tunable synthesis of nano-calcium sulfate with controllable crystal morphology	Ultrasonics sonochemistry 2014; 21(3), pp 1117-1131
158	A Lokhande, S Mishra, R Kulkarni, J Naik	Effect of Solvents, Drug/Polymer Ratio and Surfactant Concentration on In Vitro Characteristic of Repaglinide Loaded Poly (Meth) Acrylate Nanoparticles	Micro and Nanosystems, 2014, 6 (4), 241-253
157	Mahendra Bari, Prashant, Satyendra Mishra Shirish Sonawane	Synthesis of iron oxide nano particles in batch reactor, semibatch reactor and microreactor: a comparative study	International Journal of Advances in Science, Engineering and Technology 2014, 2(4), 19-22
156	A. D. Mali, N.G. Shimpi and S. Mishra	Thermal, mechanical and morphological properties of surface-modified montmorillonite-reinforced viton rubber nanocomposites	Polymer International, 2014 63(2), pp 338–346 [1097-0126]
155	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 2013, 34 (6), pp 1003-1011
154	N. G. Shimpi, H. A. Sonawane, A. D. Mali and S. Mishra	Effect of Mg(OH) ₂ nanoparticles on thermal, mechanical and morphological properties of millable polyurethane elastomer	Journal of Reinforced Plastics and Composites, 2013, 32 (13), 935-946
153	N. G. Shimpi, S. Mishra	Ultrasonic-assisted synthesis of nano-BaSO ₄ and its effect on thermal and cross-linking density of epoxy nanocomposites	Journal of Reinforced Plastics and Composites, 2013, 32(13), 947-954
152	A. Chatterjee, S. Mishra	Novel synthesis with an atomized microemulsion technique and characterization of nano-calcium carbonate (CaCO ₃)/poly (methyl methacrylate) core-shell nanoparticles	Particuology, 11(6), Dec 2013, pp 760–767
151	R. D. Kulkarni, N. Ghosh, U. D. Patil, S. Mishra	In Situ synthesis of poly (styrene-butyl acrylate-acrylic acid) latex/barium sulfate nanocomposites and evaluation of their film properties	Polymer Composites, 2013, 34(10), pp 1671-1680
150	R. D. Kulkarni, Mayur Chaudhari and. S. Mishra	UV Curable Acrylate monomers: Structure – Activity Relationship and Selection Criterion	Pigment and Resin Technology, 42, 53 - 67 (2013)
149	A. Chatterjee, S. Mishra	Nano-Calcium carbonate (CaCO ₃)/Polystyrene (PS) core-shell nanoparticle: It's effect on physical and mechanical properties of high impact polystyrene (HIPS)	Journal of Polymer Research, 2013, 20(10), pp1-12
148	A. Lokhande, S. Mishra, R. D. Kulkarni,	Formulation And Evaluation Of Glipizide Loaded Nanoparticle.	International Journal of Pharmacy & Pharmaceutical Sciences 5, 2013, 2013

	J. B. Naik		Supplement 4, 5 (4), pp 147-151
147	S. Mishra, N. G. Shimpi, A. D. Mali	Effect of surface modified montmorillonite on photo-oxidative degradation of silicone rubber composites	Macromolecular Research 2013, 21(5), pp 466-473
146	A. B. Lokhande, S. Mishra, R. D. Kulkarni, J. B. Naik	Preparation and characterization of repaglinide loaded ethyl cellulose nanoparticles by solvent diffusion technique using high pressure homogenizer	Journal of Pharmacy Research May 2013, 7(5), pp 421–426
145	A. B. Lokhande, S. Mishra, R. D. Kulkarni, J. B. Naik	Influence of different viscosity grade ethyl cellulose polymers on encapsulation and <i>in vitro</i> release study of drug loaded nanoparticles	Journal of Pharmacy Research 2013, 7(5), May 2013, pp 414–420
144	R.D. Kulkarni, M.E. Chaudhari and S. Mishra	UV curable acrylate monomers: synthesis, analysis and storage	Pigment & Resin tech, 2013, 42(1), pp 53-67 [0369-9420]
143	S. Mishra, N. G. Shimpi and T. Sen	The effect of PEG encapsulated silver nanoparticles on the thermal and electrical property of Sonochemically synthesized polyaniline/silver nanocomposites	J Polym Res (2013) 20 (1), pp 49 [1022-9760, 1572-8935]
142	S. Mishra and A Chatterjee	Rheological, Thermal and mechanical properties of Nano CaCO ₃ /PMA core-shell nanoparticles reinforced PP composites	Macromolecular research, 2013, May 2013, 21, pp 474-483 [598-5032, 2092-7673]
141	A. Chatterjee and S. Mishra	Novel synthesis with an atomized micro emulsion technique and characterization of nano-CaCO ₃ /PMMA core-shell nanoparticles	Particuology 01/2013; 11(6), pp 760–767 [1674-2001]
140	J. B. Naik, A. B. Lokhande, S. Mishra and R. D. Kulkarni	Development of sustained release micro/nano particles using different solvent emulsification techniques: A review	International journal of Pharma and Bio sciences, 2012, 3(4), pp 573-590 [0975-6299]
139	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, 2012, 62 (December), 69-77 [0255-2701]
138	V.K. Rana, S. S. Park, S. Parambadath, S. W. Chu, 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, 2012, 194, pp 392-399 [1433-0768]
137	N. G. Shimpi, M. D. Borane and S. Mishra	Biodegradation of polystyrene (PS) – Poly (Lactic Acid) (PLA) nanocomposites using pseudomonas aeruginosa	Macromolecular Research, 2012, 20 (2), pp 181-187 [598-5032, 2092-7673]
136	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 polypropylene	Macromolecular Research, 2012, 20 (8), pp 780-788 [598-5032, 2092-7673]

135	S. Mishra, N. G. Shimpi and A. D. Mali	Surface modification of montmorillonite (MMT) using column chromatography technique and its application in silicone rubber nanocomposites	Macromolecular Research, 2012, 20(1), pp 44-50 [598-5032, 2092-7673]
134	N. G. Shimpi and S. Mishra	Sonochemically synthesis of mineral nanoparticles and its applications in epoxy nanocomposites	Polymer-Plastics Tech. & Engg., 2012, 51(2), 2012, pp 111-115, [0360-2559, 1525-6111]
133	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 ₃ silicone rubber composites	Polymers for Advanced Technologies, 2012, 23(2), pp 236-246 [1042-7147, 1099-1581]
	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, 2011, 2(1), [0975-0185]
132	S. Mishra and N. G. Shimpi	Influence of surface modification of Montmorillonite on properties of PVC nanocomposites	Journal of Composite Material, November, 2011, 45(23), pp 2447-2453 [1530 793X, 0021 9983]
131	V. K. Rana, S. S. Park, S. Parambadath, 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., 2011, 2, pp 1162-1166, [2040-2503]
130	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., 2011, 50, pp 758-761 [0360-2559, 1525-6111]
129	S. Mishra, N. G. Shimpi, A.D. Mali	Influence of stearic acid treated nano-CaCO ₃ on the properties of silicone nanocomposites	Journal of Polymer Research, 2011, 18(6), pp 1715-1724 [1022-9760, 1572-8935]
128	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, 2011, 296 (2), pp 131-140 [1438-7492]
127	A. Nemade, S. Mishra, V. Zope	Chemical recycling of polyamide waste at various temperatures and pressures using high pressure autoclave technique	Polymers and Environment, 2011, 19, pp 110-114 [1566-2543]
126	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part iii- polymerisable photoinitiators”	Paint India, 2011, LXI, pp-72-80 [0556-4409]
125	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part ii- bimolecular abstractable photoinitiators”	Paint India, 2011, LXI, pp-72-80 [0556-4409]
124	S. Mishra, R. D. Kulkarni, M Chaudhari	Recent developments in UV cure photoinitiators part i- unimolecular clavable photoinitiators”	Paint India, 2011, LXI, pp-72-80 [0556-4409]

123	S. Mishra, R. D. Kulkarni, M Chaudhari	Synthesis, analysis and storage of UV cure mono and multifunctional acrylate monomers	Paint India, 2011, LXI (1), pp 59-68, [0556-4409]
122	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, (2011) [0021-8995, 1097-4628]
121	S. Mishra, A Chatterjee, R. P. Singh	Novel synthesis of nano-calcium carbonate (CaCO ₃)/polystyrene (PS) core-shell nanoparticles by atomized micro emulsion technique and its effect on properties of polypropylene (PP) composites	Polymers for Advanced Technologies, 2011, 22(12), [1042-7147,1099-1581]
120	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., 2011, 22(12), pp 1802–1811 [1042-7147,1099-1581]
119	S. Mishra, and A. Chatterjee	Effect of nano-polystyrene (nPS) on thermal, rheological and mechanical properties of polypropylene (PP)	Polymers for Advanced Tech., 2011, 22(12), pp 1547–1554 [1042-7147,1099-1581]
118	S. Mishra, and A. Chatterjee	Novel synthesis of polymer and copolymer nanoparticles by atomized micro emulsion technique and its characterization	Polymers for Advanced Technologies, 2011, 22, pp 1593–1601 [1042-7147,1099-1581]
117	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., (2010), 18(8), pp 713-720 [598-5032, 2092-7673]
116	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., (2010), 18, No. 9, pp 845-852 [598-5032, 2092-7673]
115	S. Mishra and N. G. Shimpi, and S. S. Sonawane	Effect of nano Mg (OH) ₂ on mechanical and thermal properties of polyamide nanocomposites	Polymer Plastics Tech. & Engg., 2010, 49: pp 474–480 [0360-2559, 1525-6111]
114	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, 2010, 18 (4), pp 459-463 [1566-2543]
113	S. Mishra, N. G. Shimpi	Synthesis of nanoparticles and its effect on properties of elastomeric nanocomposites	Journal of Nanoparticles Research, 2010, 12(6), pp 2093 [1388-0764]
112	R.D. Kulkarni, M. Chaudhari and S. Mishra	Kinetic, thermodynamic and process modeling of synthesis of UV curable glyceryl and neopentyl glycol acrylates	Proceeding of world academy of science, Engineering and technology, 2008, 33, pp 449-454
111	R. D. Kulkarni, M. Chaudhari and S. Mishra	UV curable acrylate monomers: structure – activity relationship and selection criterion	Pigment & resin technology, Paint india; Jun 2010, 60 (6), p 57 [0369-9420]
110	R.D. Kulkarni, M. Chaudhari and S. Mishra	UV curable acrylate monomers: structure – activity relationship and selection criterion	Paint India, LVV (06), (2010), pp 57-76 [0556-4409]

109	S. Mishra and A. Chatterjee	Particle size, morphology and thermal properties of polystyrene nanoparticles in micro emulsion process	Polymer Plastics Tech. & Engg., 2010, 49, pp 791-795 [0360-2559, 1525-6111]
108	S. Mishra and N. G. Shimpi, J. Verma	Dispersion of nano CaCO ₃ on PVC and its influence on mechanical and thermal properties	Journal of Composite Material, 2010, 44(2), pp 211-219 [1530-793X,0021-9983]
107	S. Mishra, A. M. Nemade, and V S Zope	Kinetics and thermodynamics of neutral hydrolytic depolymerization of polyurethane foam waste using different catalysts at higher temperature and autogenously pressures	Polymer Plastics Tech. & Engg., 2010, 49, pp 83-89 [0360-2559, 1525-6111]
106	S. Mishra and N. G. Shimpi,	Effect of nano CaCO ₃ on mechanical and thermal properties of polyamide nanocomposites	Polymer Plastics Tech. & Engg., 2010, 49, pp 38-44 [0360-2559, 1525-6111]
105	S. Mishra; U. D. Patil; N.G. Shimpi	Synthesis of mineral nano filler using spray method and its influence on mechanical and thermal properties of EPDM nanocomposites	Polymer Plastics Tech. & Engg., 2009, 48(10), pp 1078-1083 [0360-2559, 1525-6111]
104	R. D. Kulkarni, N. Ghosh, U. D. Patil, and S. Mishra	Surfactant assisted solution spray synthesis of stabilized prussian blue and red oxide for preparation of nanolatex composites	Journal of Nanosystems and Virtual Technology, (July 2009) J. Vac. Sci. Technol. B 27 , 1478 (2009)
103	S. S. Sonawane, S. Mishr*a, N. G. Shimpi,	Polyamide nanocomposites: investigation of mechanical, thermal and morphological characteristics	Polymer Plastics Tech. & Engg., 2009, 48, pp 1055-1061 [0360-2559, 1525-6111]
102	S. Mishra, N. G. Shimpi, and S. S. Sonawane	Influence of organo- montmorillonite on mechanical and rheological properties of polyamide nanocomposites	Applied Clay Science, 2009, 46, pp 222-225 [1872-9053]
101	S. Mishra, R. D. Kulkarni, U. D Patil and N. Ghosh	Surfactant assisted solution spray synthesis of stabilized prusine blue and red oxide for preparation of nanolatex composites	Journal vacuum science and technology B: Microelectronics and Nanomaterials, 2009, B27(3), pp 1478-1483 [1071-1023]
100	S. H. Sonawane, P. L. Chaudhari, S. Mishra and R. D. Kulkarni	Ultrasound assisted synthesis of polyacrylic acid-nanoclay nanocomposites and its applications in sonochemistry studies of malachite green dye	Ultrasonic sonochemistry, 2009, 16(3), pp 351-355 [1350-4177]
99	S. Mishra, N. G. Shimpi, and J. Verma	Preparation, characterization and properties of poly (Vinyl chloride)/ CaSO ₄ nanocomposites	Polymer Plastics Tech. & Engg., 2009, 48(12), pp 997-1001 [0360-2559, 1525-6111]
98	S. Mishra and N. G. Shimpi, S. S. Sonawane	Effect of commercial & nano Ca ₃ (PO ₄) ₂ on mechanical and thermal properties of polyamide nanocomposites	Polymer Plastics Tech. & Engg., 2009, 48(3), pp 265-271 [0360-2559, 1525-6111]
97	J. B. Naik, S. Mishra and D. Deore	Investigation of scale mitigation and sequestering properties of some polyelectrolyte	Polymer Plastics Tech. & Engg., 2009, 49(1), pp 69-73 [0360-2559, 1525-6111]
96	V. S. Zope and S. Mishra	Kinetics of neutral hydrolytic depolymerization of PET (Polyethylene Terephthalate) waste at higher temperature and autogenously pressures	Journal of Applied Polymer Science, 2008, 110(4), pp 2179-2183 [0021-8995, 1097-4628]
95	S. Mishra N. G. Shimpi	Studies on mechanical, thermal, and flame retarding properties of Polybutadiene rubber (PBR) nanocomposites	Polymer-Plastics Technology and Engineering, 2008, Vol.: 47(1), pp 72-81 [0360-2559, 1525-6111]

94	J. B. Naik and S. Mishr	Esterification effect of maleic anhydride on swelling properties of natural fiber/high density polyethylene composites	Journal of Applied Polymer Science, 2007, 106, pp 2571-2574 [0021-8995, 1097-4628]
93	A. Mukherji; S. Mishra	Effect of sizes of nano $\text{Ca}_3(\text{PO}_4)_2$ on mechanical and thermal properties of polyurethane foam composites	Polymer-Plastics Tech. & Engg., 2007, 46(7), pp 675-681 [0360-2559, 1525-6111]
92	S. Mishra and N. G. Shimpi, U.D. Patil	Effect of Nano CaCO_3 on thermal properties of styrene butadiene rubber (SBR)	Journal of Polymer Research, 2007, 14, pp 449-459
91	J. B. Naik, S. Mishra	esterification effect of maleic anhydride on surface and volume resistivity of natural fiber/polystyrene composites	Polymer-Plastics Tech. & Engg., 2007, 46(5), pp 537-540 [0360-2559, 1525-6111]
90	S. Mishra and N. G. Shimpi	Studies on effect of nano $\text{Mg}(\text{OH})_2$ on mechanical, physical and flame retarding properties of nitrile rubber	Journal of Nanoscience and Its Application, 2007, 1(3)
89	S. Mishra and N. G. Shimpi	Effect of variation in wt % of loading and reduction in nano sizes of CaSO_4 on mechanical and thermal properties of styrene butadiene rubber (SBR)	Journal of Applied Polymer Science, 2007, 104(3), pp 2018-2026 [0021-8995, 1097-4628]
88	S. Mishra and A. Mukherji	Studies of thermal conductivity of nano $\text{CaCO}_3/\text{HIPS}$ composites by unsteady state technique and simulation with nielsen's model	Polymer-Plastics Tech. & Engg., 2007, 46, pp 239-244 [0360-2559, 1525-6111]
87	S. Mishr, A. Mukherji	Phase characterization, mechanical and flame retarding properties of nano CaSO_4 and nano $\text{Ca}_3(\text{PO}_4)_2$ PP composites	Journal of Applied Polymer Science, 2007, 103(2), pp 670-680 [0021-8995, 1097-4628]
86	H. Singh, S. Mishra And D. K. Sharma	Studies on the reaction engineering of combustion and carbonization of indian coals, depolymerized coals and residual coal obtained after organo-refining	Energy Sources, Part A, 2007, 29, pp 1151-1159 [1556-7036, 1556-7230]
85	S. Mishra & A. Mukherji	Effect of interaction of commercial and Nano size CaSO_4 filler on mechanical and thermal properties of polyurethane foam	Journal of Scientific and Industrial Research, 2006, 65(7), pp 582-589 [0975-1084, 0022-4456]
84	S. Mishra, A. Mukherji, D. K. Sharma	Nonisothermal crystallization modeling and simulation for polypropylene/nano CaSO_4 composites with variations in nano sizes and wt. % of loading	Polymer Plastics Tech. & Engg., 2006, 45, pp 1191-1198 [0360-2559, 1525-6111]
83	S. Mishra and J. Verma	Studies on thermal and mechanical properties of foamed wood polymer composites	Polymer Plastics Tech. & Engg., 2006, 45, pp 1199-1205
82	S. Mishra, J. Verma	Effect of Compatibilizers on water absorption kinetics of polypropylene wood flour foamed composites	Journal of Applied Polymer Science, 2006, 101 (4), pp 2530-2537 [0021-8995, 1097-4628]
81	S. Mishra, S. Sonawane, A. Mukherji, H.C. Mrthutinjaya	Effect of nano size CaSO_4 and $\text{Ca}_3(\text{PO}_4)_2$ particles on rheological behavior of PP and its simulation with mathematical model	Journal of Applied Polymer Science, 2006, 100(5), pp 4190-4196 [0021-8995, 1097-4628]
80	J.B. Naik and S. Mishra	The compatibilising effect of maleic anhydride on swelling properties of plant fibre reinforced polystyrene composites	Polymer Plastics Tech. & Engg., 2006, 45(8), pp 923-927 [0360-2559, 1525-6111]
79	S. Mishra,	No isothermal crystallization modeling and	Polymer Plastics Tech. &

	A. Mukherji, S. H. Sonawane and D.K. Sharma	simulation of polypropylene /nano Ca ₃ (PO ₄) ₂ composites with variation in wt. % of loading and reduction in nanosize	Engg., 2006, 45, pp 641-651 [0360-2559, 1525-6111]
78	A. S. Goje, P. H. Shinde, S. Mishra	Production of agrochemical from waste polyesters	Journal of Applied Polymer Science, 2006, 100 (3), pp 2504-2510 [0021-8995, 1097-4628]
77	A. S. Goje, V. R. Diware, & S. Mishra	Heat transfer studies in agitated vessel during aqueous alkaline depolymerization of poly(ethylene terephthalate) (PET) waste	Polymer Plastics Tech. & Engg., 2006, 45(2), pp 231-242 [0360-2559, 1525-6111]
76	S. Mishra, Parag Saxena and D. Deore	Studies on antiscaling effect of polyacrylic acid on boiler	Polymer Plastics Tech. & Engg., 2005, 44, pp 1389-1398 [0360-2559, 1525-6111]
75	A. S. Goje, A. S. Jadhav, M. Y. Naniwadekar, S. Mishra	Cost estimation and profitability analysis for alkaline depolymerization of poly ethylene terephthalate waste	Journal-Institution Of Engineers India Part B Chemical Engineering, 2005, 86(9); pp 16-20 [0020-3351]
74	S. Mishra and N. G. Shimpi	Mechanical and flame retarding properties of SBR filled with nano CaCO ₃ as filler and linseed oil as extender	Journal of Applied Polymer Science, 2005, 98, pp 2563-2571 [0021-8995, 1097-4628]
73	S Mishra and N. G. Shimpi	Comparison of nano CaCO ₃ and with fly ash filled styrene butadiene rubber on mechanical and thermal properties	Journal of Scientific and Industrial Res., 2005, 64, pp 745-752[0975-1084,0022-4456]
72	S. Mishra, I. D. Patil and Dipak Deore	Study on sodium and potassium salts of polyacrylic acid as corrosion inhibitors	Journal of Scientific and Industrial Res, 2005, 64, pp 684-687[0975-1084, 0022-4456]
71	N.A.N. Alkadasi, S. Mishra, D. G. Hundiwale, U.R. Kapradi	Effect of saline coupling agent on the mechanical properties of clay filled –styrene butadiene rubber	Polymer Plastics Tech. & Engg., 2005, 44, pp 1159-1171 [0360-2559, 1525-6111]
70	S. Mishra and J. B. Naik	Effect of treatment of maleic anhydride on mechanical properties of natural fiber: polystyrene composites	Polymer Plastics Tech. & Engg., 2005, 44(4), pp 663–675 [0360-2559, 1525-6111]
69	J. B. Naik and S. Mishra	Studies on electrical properties of natural fiber: HDPE composites	Polymer Plastics Tech. & Engg., 2005, 44, pp 687-693 [0360-2559, 1525-6111]
68	S. Mishra and J. B. Naik	Mechanical properties of wood polymer composites prepared from agro-waste and HDPE	Polymer Plastics Tech. & Engg., 2005, 44, pp 511-522 [0360-2559, 1525-6111]
67	S. Mishra, S. H. Sonawane, R. P. Singh	Studies on characterization of nano CaCO ₃ prepared by in situ deposition technique and its application in PP-nano CaCO ₃ composites	Journal of Polym. Sci. Part B Polym. Phy, 2005, 43, pp 107-113 [0887-6266,1099-0488]
66	S. Mishra, N. Badgujar, K. Gurav, D. Patil, S. H. Sonawane	Comparative study on mechanical and flame retarding properties of Polybutadiene rubber filled with nanoparticles and fly ash	Journal of Applied Polymer Science, 2005, 96, pp 6-9 [0021-8995, 1097-4628]
65	S. Sonawane, V. Chitodkar, S. Mishra	Characterization and mechanical properties of epoxy-CaCO ₃ nano composites	Polymer-Plastics Tech. & Engg., 2005, 44, pp 463-473 [0360-2559, 1525-6111]
64	A. S. Goje, S. A.	Glycolytic Aminolysis of poly (ethylene	Polymer-Plastics Tech. &

	Thakur, V. R. Diware, S. A. Patil, P. S. Dalwale and S. Mishra	terephthalate) waste at atmospheric pressure for recovery of value added insecticide	Engg., 2005, 44, pp 163-181 [0360-2559, 1525-6111]
63	S. Mishra, S. H. Sonawane, R. P. Singh, K. Patil, A. Bendale	Effect of nano Mg(OH) ₂ on mechanical and flame retarding properties of polypropylene composites	Journal of Applied Polymer Science, 2004, 94, pp 116 [0021-8995, 1097-4628]
62	K. C. Patil and S. Mishra	Amided low methoxyl pectin from sunflower	Indian Food Packer, 2004, 58(3), pp 66-72 [0019-4808]
61	K. C. Patil, S. Mishra	Extraction of sunflower pectins by cation exchange resins, sodium hexa meta phosphate and oxalic acid	Indian Food Packer, 2004, 58, pp 78-84 [0019-4808]
60	A. S. Goje, Y.P. Chauhan and S. Mishra	Chemical recycling, kinetics of aqueous alkaline depolymerization of poly (butylene terephthalate)	Chemical Engineering and Technology, 2004, 27(7), pp 790-799 [0930-7516]
59	A. S. Goje, S. A. Thakur, V. R. Diware, S. A. Patil, P.S. Dalwale, and S. Mishra	Hydrolytic depolymerization of PET waste at high temperature under autogenously pressure	Polymer-Plastics Tech. & Engg., 2004, 43(4), pp 1093-1113 [0360-2559, 1525-6111]
58	S. Mishra, V. S. Zope and R. D. Kulkarni	Kinetics and thermodynamics of hydrolytic depolymerization of polyurethane foam at higher temperature and pressure	Polymer-Plastics Tech. & Engg., 2004, 43(4), pp 1001-1011 [0360-2559, 1525-6111]
57	J. B. Naik and S. Mishra	Studies on electrical properties of wood polymer composites based agro-waste and Novolac	Polymer Plastics Tech. & Engg., 2004, 43(4), pp 1085-1091 [0360-2559, 1525-6111]
56	A.S. Goje, Y. P. Chauhan, V. R. Diware, T.M. Patil and S. Mishra	Micro-kinetics and mass transfer study of treatment of aqueous and alcoholic potassium hydroxide on poly (ethylene terephthalate) waste	Polymer-Plastics Tech. & Engg., 2004, 43(4), pp 889-912 [0360-2559, 1525-6111]
55	S. Mishra, Y. P. Patil	Effect of different anhydrides on mechanical properties of agro- wastes and Novolac resin composites	Molecular Crystal and Liquid Crystal, 418, pp 101-111 [1542-1406]
54	A.S. Goje, Y. P. Chauhan, V. R. Diware, S. A. Thakur and S. Mishra	Micro-kinetics and mass transfer in aqueous alkaline depolymerization of poly (ethylene terephthalate) waste	Polymer-Plastics Tech. & Engg., 2004, 43(3), pp 913-936 [0360-2559, 1525-6111]
53	S. Mishra, A. S. Goje, and V. S. Zope	Chemical recycling, kinetics and thermodynamics of poly (ethylene terephthalate) waste powder by sulfuric acid hydrolysis	Polymer-Plastics Tech. & Engg., 2003, 42(4), pp 581-603 [0360-2559, 1525-6111]
52	A.S. Goje, V. R. Diware, S. A. Thakur, Y. P. Chauhan, and S. Mishra	Aminolysis of poly (ethylene terephthalate) waste for recovery of value added comonomeric product	Polymer-Plastics Tech. & Engg., 2004, 43(2), pp 407-426 [0360-2559, 1525-6111]
51	A. S. Goje, S. A. Thakur, V. R. Diware,	Chemical recycling, kinetics and thermodynamics of hydrolysis of poly (ethylene terephthalate) waste with no aqueous potassium	Polymer-Plastics Tech. & Engg., 2004, 43(2), pp 369-388 [0360-2559, 1525-6111]

	Y. P. Chauhan, and S. Mishra	hydroxide solution	
50	A. S. Goje, Y. P. Chauhan, V. R. Diware and S. Mishra	Micro-kinetics and mass transfer study of treatment of aqueous and alcoholic potassium hydroxide on poly (butylene terephthalate) waste	Polymer-Plastics Tech. & Engg., 2004, 43(1), pp 177-198 [0360-2559, 1525-6111]
49	A. S. Goje, Y. P. Chauhan, and S. Mishra	Chemical recycling, kinetics and thermodynamics of alkaline Depolymerisation of waste polyesters	Polymer-Plastics Tech. & Engg., 2004, 43(1), pp 95-120 [0360-2559, 1525-6111]
48	S. Mishra, J. B. Naik and Y. P. Patil	Studies on swelling properties of wood polymer composites based on agro- waste and Novolac	Advances in Polymer Technology, 2004, 23(3), pp 46-50 [0730-6679, 1098-2329]
47	S. Mishra, A. S. Goje	Chemical recycling, kinetics and thermodynamics of alkaline hydrolysis of poly (ethylene terephthalate) waste	Polymer Reaction Engineering, 2003, 11, (4), pp 963 [1054-3414]
46	S. Mishra, V. S. Zope	First order kinetic model Depolymerisation of polyurethane foam	Oriental Journal of Chemistry, 2003, 19, (3), pp 589-594 [0970-7077]
45	S. Mishra, V.S. Zope, V.S. Patil	Studies of degradation of waste poly(ethylene terephthalate) pet bottles using autoclave technique	Journal of Inst. of Engineers, Part Chemical Engg., Kolkata, India, 2003, 84, pp 44 [2250-2114]
44	A. S. Goje, S. A. Thakur, T.M. Patil, and S. Mishra	Glycolytic-Aminolysis of poly (ethylene terephthalate) waste for recovery of value added co monomer at atmospheric pressure	Journal of Applied Polymer Science, 2003 90(12), pp 3437-3444 [0021-8995, 1097-4628]
43	S. Mishra, V. S. Zope, A. S. Goje	Kinetics and thermodynamics of poly (ethylene terephthalate) at high pressure and temperature	Journal of Applied Polymer Science, 2003, 109(12), pp 3305-3309 [0021-8995, 1097-4628]
42	A. S. Goje, S. Mishra	Chemical kinetics, simulation and thermodynamics of glycolytic Depolymerisation of poly (ethylene terephthalate) waste with catalyst optimization for recycling of value added monomeric products	Macromolecular Materials and Engineering, 2003, 288(4), pp 326-336 [1438-7492]
41	S. Mishra, A.S. Goje, and V. S. Zope	Chemical recycling, kinetics and thermodynamics of poly (ethylene terephthalate (PET) waste powder by nitric acid hydrolysis	Polymer Reaction Engineering, 2003, 11(1), pp 79 [1054-3414]
40	S. Mishra, A. S. Goje	Kinetic & thermodynamic study of methanolysis of poly (ethylene terephthalate) waste powder	Polymer International, 2003, 52(3), pp 337 [1097-0126]
39	S. Mishra and Y.P. Patil	Compatibilising effect of different anhydrides on cane bagasse pith and melamine formaldehyde resin composites	Journal of Applied Polymer Science, 2003, 88(7), pp 1768, [0021-8995, 1097-4628]
38	S. Mishra and A. S. Goje	Kinetics of glycolysis of poly (ethylene terephthalate) waste powder at moderate pressure and temperature	Journal of Applied Polymer Science, 2003, 87(10), pp 1569 [0021-8995, 1097-4628]
37	S. Mishra, V. S. Zope, A. S. Goje	Kinetic and thermodynamic studies of Depolymerisation of polyester waste by saponification reaction	Polymer International, 2002, 51(12), pp 1310 [1097-0126]
36	S. Mishra and I. D. Patil	Effect of polyacrylic acid as antiscaling agent on heat exchanger	Chemical Engg. and Tech., 2002, 25(5), pp 573-577 [0930-7516]

35	S. Mishra and N. R. Talele	Filler effect of potato starch and urea on degradation of linear low density polyethylene composites	Polymer-Plastics Tech. & Engg., 2002, 41(2), pp 361-381 [0360-2559, 1525-6111]
34	D.K. Sharma and S. Mishra	Studies on phenolation of coals	Energy Sources, 2000, 2, pp 297 [1556-7036, 1556-7230]
33	S. Mishra, J. B. Naik and Y. P. Patil	Compatibilising effect of maleic anhydride on swelling and mechanical properties of plant fiber reinforced Novolac composites	Composites Sci. and Tech., 2000, 60(9), pp 1729 [0266-3538]
32	Y.P. Patil, B. Gajare, D. Dusane, S. Chavan and S. Mishra	Effect of Maleic anhydride treatment on steam and water absorption of wood polymer composites prepared from wheat straw, cane bagasse and teak wood saw dust using Novolac as matrix	Journal of Applied Polymer Science, 2000, 77, pp 2963 [0021-8995, 1097-4628]
31	S. Mishra, Y. P. Patil and I. D. Patil	Comparative study of polyacrylamide and homopolymer of acrylonitrile as antiscaling agent on Jalgaon ground water	Journal of Scientific and Industrial Research, 2000, 59, pp 44 [0975-1084, 0022-4456]
30	S. Mishra and J. B. Naik	Studies on swelling behavior of wood polymer composites based on agro waste and HDPE in steam and water at ambient temperature	Polymer Plastics Tech. & Engg., 1999, 38(5), pp1051 [0360-2559, 1525-6111]
29	S. Mishra, B. Baweja R. Chandra	Studies on dynamic and static cross linking of EVA -EPDM blends	Journal of Applied Polymer Science, 1999, 74, pp 2756 [0021-8995, 1097-4628]
28	S. Mishra, M. Hazarika and R. Chandra	Rheological studies of dynamic vulcanization of butyl rubber and polypropylene blends	Polymer Plastics Tech. & Engg., 1999, 38(2), pp 305 [0360-2559, 1525-6111]
27	S. Mishra, R. Chandra, S. Balakrishnan	Studies on thermal stability and curing behavior of EVA/EPDM blends	Journal of Applied Polymer Science, 1998, 70(9), pp 1829 [0021-8995, 1097-4628]
26	S. Mishra and J.B. Naik	Absorption of steam and water at ambient temperature in wood polymer composites prepared from agro-waste and Novolac	Journal of Applied Polymer Science, 1998, 68 (11), pp1417 [0021-8995,1097-4628]
25	S. Mishra and J.B. Naik	Absorption of water at ambient temperature and steam in wood polymer composites prepared from agro-waste and polystyrene	Journal of Applied Polymer Science, 1998, 68(4), pp 681 [0021-8995, 1097-4628]
24	S. Mishra, J.B. Naik	Mechanochemical degradation of EVA-EPDM blends	Polymer Plastics Tech. & Engg., 1997, 36 (2), pp 231-240 [0360-2559, 1525-6111]
23	S. Mishra, G. B. Perumal and J. B. Naik	Studies on mechanical properties of polyvinyl chloride composites	Polymer Plastics Tech. & Engg., 1997, 36 (4), pp 489-500 [0360-2559, 1525-6111]
22	D. K. Sharma, S. Mishra	Extraction enhancement of coal through depolymerization reaction by prior alkaline treatment	Fuel Sci. & Tech. International, 1995, 13(1), pp 125 [0884-3759]
21	R. Chandra, S. Mishra, T. R. Parida	Studies on dynamic behavior and flow properties of HDPE/EPDM blends by a torque rheometer	Polymer International, 1995, 37, pp 141 [1097-0126]
20	D. K. Sharma; S. Mishra	Studies of successive extraction of coals in coal derived solvents under ambient conditions to recover volatile matter (volatilizable components) from coal and to get partially devolatilized residual and solvent are fined coal	Fuel Science & Technology International, 1995, 13(6), pp 761-764 [0884-3759]

		as clean and detoxified fuels	
19	D. K. Sharma; S. Mishra	Enhancement of coal extraction by series reaction (ATD3 reaction): optimization of reaction conditions	Fuel, 1995, 74(6), pp 917-921 [2320-5407]
18	D. K. Sharma; S. Mishra	Chemical reactivity of coal under friedal-crafts reaction conditions effect of nature of solvent, alkylating agent and catalyst on extractability of coal through a complex series reaction (ATD3 reaction)	Fuel, 1995, 74(6) pp 913 [2320-5407]
17	R. Chandra; S. Mishra	Photo stabilization of poly(2,6-dimethyl 1,4-phenylene oxide)film by metal dialkyl dithio-phosphate	Polymer Degradation and Stability, 1994, 43, pp 261-267 [0141-3910]
16	R. Chandra, S. Mishra, P. Kumar and L. Rajabi	Photo-oxidation degradation of PPO/PET blends	Die Ange- wandte Makro- molakulare Chemie, 1994, pp 1 – 9 [0003-3146]
15	D. K. Sharma; S. Mishra	Semi continuous flow through recirculatory extraction process of coal to get environmentally clean and calorific value fuel by organosolvo refined technique	Fuel Sci. & Tech. International, 1994, 13(1), pp 1 [0884-3759]
14	D. K. Sharma; S. Mishra	Gas chromatographic mass spectral studies of the reaction product obtained from the depolymerization of coal by phenolation	Fuel Sci. & Tech. International, 1994 13, pp 61 [0884-3759]
13	D. K. Sharma and S. Mishra	Extraction enhancement of coal through depolymerization reaction by prior alkaline treatment	Fuel Sci. & Tech. International, 1993, 11, pp 1679 [0884-3759]
12	D. K. Sharma and S. Mishra	Alkylation reaction on Assam coal using alkenes and alcohol in L P in absence of external catalyst under atmospheric conditions aided by the disintegration of coal	Fuel Sci. & Tech. International, 1992, 10, pp 1601 [0884-3759]
11	D. K. Sharma and S. Mishra	Solvent extraction of coals through ATD-3 reaction under ambient pressure conditions	Fuel Sci. & Tech. International, 1992, 10, pp 1189-1196 [0884-3759]
10	D. K. Sharma and S. Mishra	Solvolytic extraction of assam coal in different alkene under ambient pressure conditions	Fuel Sci. & Tech. International, 1992, 10, pp 1181-1187 [0884-3759]
9	D. K. Sharma and S. Mishra	Combustion characteristics of extractively disintegrated coal obtained after recovery of super clean coal by organo solvo-refining and chemically depolymerized coals and untreated coals by thermo gravimetric analysis in oxidizing atmosphere	Fuel Sci. & Tech. International, 1994, 12(10), pp 1303 [0884-3759]
8	N. S. Azmy, S. Mishra, R. C. Maheshwari	Effect of sawdust on biogas production from cow dung	Fuel Sci. & Tech. International, 1991, 9(5), pp 567- 585 [0884-3759]
7	S. Mishra and D. K. Sharma	Gas chromatographic and infra-red spectral studies of extractive disintegration of coal	Fuel Sci. & Tech. International, 1990, 8(8), pp 837-851 [0884-3759]
6	S. Mishra and D. K. Sharma	Differential thermal analysis of coal in non-flowing air	Fuel Sci. & Tech. International, 1990, Vol.: 8(8), pp 853-869, [0884-3759]
5	S. Mishra and	Solvent extraction and extractive disintegration	Fuel, 1990, 69 (11), pp 1377

	D. K. Sharma	of coal in anthracene oil	[2320-5407]
4	D. K. Sharma and S. Mishra	13 CNMR spectral studies of depolymerized coal obtained by acidic phenolation	Petroleum Sci. & Tech. International, 1990, 8(4), pp 351- 377 [0884-3759]
3	D.K. Sharma and S. Mishra	Extraction enhancement of coal through chemical reactions with cetene and cetanol in the anthracene oil under ambient pressure conditions	Petroleum Sci. & Tech. International, 1990, 8(6), pp 617- 635 [0884-3759]
2	D. K. Sharma and S. Mishra	Successive sequential extraction of assam coal in coal derived solvents under ambient pressure	Energy and Fuels, 1989, 3(5), pp 641-646 [0887-0624]
1	D. K. Sharma and S. Mishra	Demineralization and enhancement in the extraction of novel lignite through Depolymerisation (phenolation)	Fuel Sci. & Tech., 1989, 6(1), pp 13-19 [0884-3759]

16. Full Papers in Conference Proceedings

S.No.	Title	Event
1.	Synthesis of High Crystalline Polystyrene Nanoparticles by Monomer Atomization in Microemulsion and Their effect on Thermal, Rheological and Mechanical Properties of LLDPE, pg. 206-212	2nd Indo-Swiss Bonding International Symposium on Bonding, Adhesion and Nanotechnology, 11-13 February, 2010, Sikkim Manipal University, Majitar
2.	S Mishra , AM Nemade, VS Zope, Hydrolytic depolymerization of polyurethane (PU) foam waste at higher temperature and pressure using high pressure autoclave, Page No. 268-277	International Conference POLYMCN-09, Polymer Changing Frontier.” 9-11-Jan. 2009, Leeds University, Leeds U.K. and National Institute of Technology, Calicut (Kerala)
3.	RD Kulkarni, Mayur Chaudhari, S Mishra , Kinetic, Thermodynamic and Process Modeling of Synthesis of UV Curable Glyceryl and Neopentyl Glycol Acrylates”	WCSET 2008:World Congress on Science, Engineering and Technology, Heidelberg, Germany, September 24-26, 2008, (Volume 35, Sept. 2008)
4.	S Mishra , “Effect of Nano CaCO ₃ on Thermal Properties of Styrene Butadiene Rubber” Session 2, Paper 8 page No. 1-8	Rubber Chem 2006 an International Conference 5-6 Dec 2006, Munich, Germany
5.	S Mishra , AS Goje and VS Zope, Comparative Study of Conversion of PET Waste into Value added PET Powder, Page No. 163 - 169	International Conference on Plastics waste Management and Environment, 15-16 March 2001, New Delhi
6.	S Mishra and JB Naik Effect of treatment of maleic anhydride on mechanical properties of wood polymer composites based on agro-waste and HDPE, Page No. 583-586	Polymers-99, International symposium on polymers beyond AD 2000, Jan 12-15, 1999, IIT Dethi, New Delhi
7.	S Mishra , “FT-IR Spectral study of Alkylated Coal	Seventh International Pittsburgh Coal Conference, Sept 10-14, 1990.
8.	D.K. Sharma and S Mishra , “ ¹³ CNMR spectral studies of depolymerized coal obtained by acidic phenolation	Fifth International Pittsburgh Coal Conference, Sept 12-16,1988
9.	D.K. Sharma and S Mishra , “Clean fuel from coal through chemical depolymerization”	Fourth Annual Pittsburgh Coal Conference, USA, Sept 28-Oct 2, 1987
10.	S Mishra and DK Sharma “Differential thermal analysis of coal in stagnant air” Page 51-59	National Seminar on ‘Physico chemical Properties of Coals’ ISM Dhanbad, India, Feb, 1988

17. Research Publications (Books, chapters in books, other than refereed journal articles)

S. No.	Title of the Course Material/book/book chapter	Publisher	Year
1	Polybutadiene Rubber-Based Nanoblends (PBR-nB):	Springer	2017

	Preparation, Characterization and Applications D Hansora, S Mishra, Rubber Nano Blends, pp 155-207		
2	Chapter 16 Delivery systems for drugs, flavors, and aromas by Shailesh Ghodke, Bharat Bhanvase, Shirish Sonawane, Satyendra Mishra, Kalpana Joshi in Nanotechnology in food industry, volume II, Encapsulations, ISBN:9780128043073, alex book chapter, Page 673-715	Elsevier	2016
3	Chapter 38 Recent Trends in Carbon Nanotubes/Graphene Functionalization for Gas/Vapor Sensing <i>A Review</i> by S.S. Barkade, G.R. Gajare, S. Mishra , J.B. Naik, P.R. Gogate, D.V. Pinjari, and S.H. Sonawane, ISBN: 9781482253948, Pages 868-897	CRC, Apple Academic Press	2015
4	Chapter-35 Formation of Iron Oxide Nanoparticles in Continuous Flow Microreactor System by M. Bari, S. Sonawane, S. Mishra in 'Chemical and Bioprocess Engineering: Trends and Developments, ISBN: 9781771880770, Page 391-398	CRC Apple Academic Press	2015
5	Chapter 32 'Studies on Microbial Degradation of Polystyrene: Lactose, Polystyrene: starch Composites by S Mishra , N.R. Talele and N.V. Phirke for the book Biotechnology of Microbes and Sustainable Utilization edited by R.C. Rajak	Scientific Publishers (India), Jodhpur	2002
6	Book 'Rubber and plastic Technology' by R. Chandra and S Mishra , ISBN 81-239-0314-6	CBS Publication, New Delhi	1995
7	'Rubber toughened Plastics' by R. Chandra and S Mishra and S. Sarkar	AICTE	1994
8	'Polyester Fibre Processing' by R. Chandra and S Mishra and M. Hazarika	AICTE	1994
9	'Manufacturing and Testing of Unplasticised PVC Pipes' by R. Chandra and S Mishra and A. Singhal	AICTE	1994
10	'Progress in Polymeric Liquid Crystal Display Materials' by R. Chandra and S Mishra	AICTE	1993
11	'Manufacturing and testing of Automotive Tires' by R Chandra and S Mishra	AICTE	1993
12	'Packaging Material Processing' by R Chandra and S Mishra	AICTE	1993
13	'Polymer Applications in Printing Inks' by R Chandra and S Mishra	AICTE	1993

18. Patents

S. No.	Title of the Patent	Patent Filed	Number
1.	An apparatus for continuous synthesis of carbon nano materials and a process for the same (process), NG Shimpi, DP Hansora, U Savdekar, S Mishra	Indian Patent	3179/MUM/2013
2.	A Process of Ultrasonic Cavitation Technique for Synthesis of Polymer Nanoparticles, NG Shimpi, AD Mali, S Mishra	Indian Patent	36/MUM/2012
3.	Controlled Synthesis of Inorganic/Hydroxide Nanoparticles Using Continuous Ultrasonic Cavitation Technique, NG Shimpi, HA Sonawane, AD Mali, S Mishra	Indian Patent	1671/MUM/2012 Granted on 19.9.2016
4.	Sol-Gel method for synthesis of high yield nanoparticles using long chain solvent, S Mishra , P Chaudhari	Indian Patent	3338/MUM/2011 Granted on

			28.9.2016
5.	A Process for Synthesis of Polymer Latex Nanoparticles by Monomer Atomization in Microemulsion, S Mishra , A Chatterjee	Indian Patent	566/MUM/2009 Granted on 10.1.2013
6.	A Process for Improved d-spacing of Nanoclay, S Mishra , NG Shimpi	Indian Patent	526/MUM/2009 Granted on 11.4.2014
7.	Solution Spray Process for Preparation of Inorganic Nanosized Particles Using precipitation Technique in Micellar Mode, S Mishra , R. D. Kulkarni, Ujwal D. Patil, Nippon Ghosh	Indian Patent	1639/MUM/2007 Granted on 26.6.2009
8.	Nanospacing extenders for hiding power improvements in coatings, S Mishra , R.D. Kulkarni, Shirish Sonawane	Indian Patent	11/MUM/2004 Granted on 5.5.2006

19. Technology Transferred

S. No.	Title of the technology Transferred	Organization/ Company	Year
1.	Characterization of Biodiesel, RD Kulkarni and S Mishra	Jain Biotech, Jalgaon	2006
2.	Removal of alkali from Crude Glycol, RD Kulkarni, S Mishra	Akry Organics, Boisar	2005
3.	Formulation of Dairy Detergent, RD Kulkarni and S Mishra	Rightex Pharma, Jalgaon	2004
4.	Sunflower Oil & Wax from Dewaxing Filter Cake, RD Kulkarni and S Mishra	Manohar Agro Ind., Jalgaon	2003
5.	Characterization of cutting / thermia oil, RD Kulkarni and S Mishra	Kalyani Brakes, Jalgaon	1998

20. Papers in Conferences/ Seminars/ workshop etc.

20-A) International conferences

S. No	Title	Event
99	Sarang S. Bari, Aniruddha Chatterjee, Satyendra Mishra, Synthesis and characterization of Chitosan-HEMA copolymers with improved hydrophilic properties	ICSMC-2015, Nov. 26-28, 2015; Mumbai University, Mumbai
98	Chetan Mahajan, Satyendra Mishra, Vijay Chaudhari, Sustainable drug delivery behavior of famotidine by using chitosan-functionalized graphene oxide as nanocarrier.	Conference on Advances in Polymer science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
97	Prashant Khobragade, Aniruddha Chatterjee, Jitendra Naik, Satyendra Mishra, Advanced atomized microemulsion synthesis and characterization of wollastonite (CaSiO ₃)/polystyrene (PS) one dimensional (1D) nano-rods with core shell structure	Conference on Advances in Polymer science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
96	Pravin Bari, Yogita Rathod, Dharmesh Hansora and Satyendra Mishra, Synthesis and characterization of styrene treated tea dust/ polypropylene composites	Conference on Advances in Polymer science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
95	Mayur Dhande, Prapti Chadhari, Satyendra	Conference on Advances in Polymer

	Mishra, Gas Sensing Parameters of CdO-TiO ₂ /Pani Nanocomposite towards LPG gas	science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
94	Prapti Chaudhari, Ankur Aware, S atyendra Mishra, Room temperature CdO/Pani gas sensor for sensing LPG gas	Conference on Advances in Polymer science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
93	Samrin Khan, Dhanashri Patil, Pravin Bari, Prof. Dr Satyendra Mishra, Synthesis of reduced graphene oxide & study on epoxy-reduced graphene oxide nanocomposite.	Conference on Advances in Polymer science and Technology, 29-31 October, 2015, Saurashtra University, Rajkot
92	DP Hansora, NG Shimpi, R. Yadav, T. Sen, S Mishra* , Cable type three-dimensional cotton thread based conductive nanotextile for LPG sensing at room temperature (Poster) (Awarded Best Poster Presentation)	Conference on structural nanocomposites (AMST-2015) during Feb 26-28, 2015 held at DMSRDE (R&D Laboratory) Kanpur, UP, India
91	Prapti chaudhari, S Mishra* , Variation in concentration of CuO on TiO ₂ nanocomposites changes the selectivity of sensors at room temperature, Synthe (Poster)	Conference on structural nanocomposites (AMST-2015) during Feb 26-28, 2015 held at DMSRDE (R&D Laboratory) Kanpur, UP, India
90	Ankur Aware, S Mishra* , Synthesis and characterization of CdO/PANi nanocomposites and its application in gas sensing	National Conference, LIT, Nagpur during Feb 14-15, 2015 held at Nagpur, India
89	DP Hansora, NG Shimpi, S Mishra* , Graphite to Graphene via Graphene Oxide: An Overview on Synthesis, Properties, and Application	International conference on structural nanocomposites (NANOSTRUC-2014) during May 20-21, 2014 held at CSIC, Madrid, Spain
8	DP Hansora, NG Shimpi, S Mishra* , Cable type three-dimensional cotton thread based conductive nanotextile for LPG sensing at room temperature	International conference on structural nanocomposites (NANOSTRUC-2014) during May 20-21, 2014 held at CSIC, Madrid, Spain
87	T Sen, NG Shimpi, S Mishra , Polyaniline/Cobalt Oxide nanocomposite as Sensing Layers for Gases” [First Prize APA-Springer Award for Oral Presentation. 300 Euro voucher]	International Conference on Polymers on the Frontiers of Polymers: Vision and Innovations, Feb 19-21, 2014, Jointly organized by Asian Polymer Association and IIT, Delhi, Indian Habitat Centre, New Delhi, India
86	S Mishra , A Chatterjee, Hybrid Nanoparticles: Its Effect on Physicochemical and Mechanical Properties of Polymers	International Conference on Polymers on the Frontiers of Polymers: Vision and Innovations, Feb 19-21, 2014, Jointly organized by Asian Polymer Association and IIT, Delhi, Indian Habitat Centre, New Delhi, India
85	PS Khobragade, A Chatterjee, S Mishra , Physico-mechanical Properties of Wollastonite (CaSiO ₃)/Styrene Butadiene Rubber (SBR) Nanocomposites	International Conference on Polymers on the Frontiers of Polymers: Vision and Innovations, Feb 19-21, 2014, Jointly organized by Asian Polymer Association and IIT, Delhi, Indian Habitat Centre, New Delhi, India
84	DP Hansora, NG Shimpi, S Mishra , Synthesis of	Asian Polymer Association-APA sponsored

	Polyimide by ultrasound assisted two step polycondensation	International Conference on Polymers: Visions and Innovation, APA-2014 at India Habitat Centre, New Delhi – 38, held during February 19-21 2014 [Poster]
83	RD Kulkarni, S Mishra and H.V Patil, Synthesis and Characterization of Lauryl Sulfosuccinate from Oleochemicals	International Conference on Global Opportunities for Latest Developments in Chemistry and Technology-2014 (GOLD-CT 2014) February 06-08, 2014, at Jalgaon
82	SS Bari, A Chatterjee, S Mishra , How The Preferential Adsorption of Surfactants Influence the formation of comb like and dendrimer like morphology: a case study with nano- CaSO ₄	International conference on GOLD-CT-2014 School of Chemical Sciences, NMU, Jalgaon, 06-08 Feb, 2014
81	A Chatterjee and S Mishra , Physico-mechanical Properties of Hybrid Nano-[Calcium carbonate (CaCO ₃)/Polystyrene (PS)]/ High Impact Polystyrene (HIPS) Nanocomposites	Recent Advances in Polymer & Rubber Science & Technology (RAPT 2014)” 22 nd - 24 th January, 2014, University of Calcutta, West Bengal
80	DP Hansora, NG Shimpi, S Mishra , Applications of carbon nanotubes in waste management: an overview	Society of Polymer Science sponsored International Conference on Solid Waste Management and Technology, SWMT-2014 held at Poona College of Pharmacy, Erandwane, Bharati Vidyapeeth University, Pune – 38 during Jan 08-09, 2014 [Oral]
79	S Mishra , JB Naik	International Interactive Workshop on Effective Academia Leadership Strategies, SEGI University, 12-14 Dec 2013 Kuala Lumpur, Malaysia
78	S Bari, A Chatterjee, S Mishra , Synthesis and Characterization of Calcium Sulphate Nano Rods by Sonication Method	MACRO 2013, 15-18 May, 2013 JN Auditorium, IISc, Bangalore
77	PS Khobragade, A Chatterjee, S Mishra , Facile Preparation and Characterization of Nano-wollastonite (CaSiO ₃)/Polystyrene (PS) Core-Shell Structures by Atomized Microemulsion Technique	APA–2013: International Conference on Polymers on the Frontiers of Science & Technology. February 21-23, 2013, Jointly organized by Asian Polymer Association and UICET, Punjab University, Chandigarh
76	A Chatterjee, S Mishra , Lead chromate [PbCrO ₄] nanostructures–surfactant assisted, shape controlled sonochemical synthesis, characterization and application as plastic colour master batches	APA–2013: International Conference on “Polymers on the Frontiers of Science and Technology” February 21-23, 2013, Jointly organized by Asian Polymer Association and UICET, Punjab University, Chandigarh
75	DP Hansora, S Mishra , NG Shimpi, Effect of reaction parameters in arc discharge technique for the synthesis of carbon nanotubes	IICHe sponsored “Indian Chemical Engineering Congress” International conference on “Sustainable Technologies for Energy and Environment in Process Industries” (CHEMCON 2012) 27-30 Dec 2012 at NIT- Jalandhar
74	DP Hansora, S Mishra , NG Shimpi, Carbon nanotubes: an emerging conductive Nanomaterial	IICHe sponsored “Indian Chemical Engineering Congress” International conference on “Sustainable Technologies for Energy and Environment in Process Industries” (CHEMCON 2012) 27-30 December, 2012 at NIT- Jalandhar

73	DP Hansora, S Mishra , NG Shimpi, A present review on carbon nanotubes: an emerging Conductive Nanomaterials	IChE sponsored “Indian Chemical Engineering Congress” International conference on “Sustainable Technologies for Energy and Environment in Process Industries” (CHEMCON 2012) 27-30 December, 2012 at NIT- Jalandhar
72	S Mishra , NG Shimpi, Dopant Induced sensitivity in Polyaniline for LPG Sensing	International conference on Advances in Polymeric Materials & Nanotechnology’ PolyTech-2012, 15-17 Dec 2012 Bharati Vidyapeeth University, Pune, Maharashtra, India.
71	S Mishra , NG Shimpi Synthesis of Polystyrene Nanoparticles (nPS) and their Effect on Properties of Polyurethane Rubber	International conference on advances in polymeric materials & nanotechnology’ (Poly Tech 2012) 15-17 Dec 2012, FPC 2011, 18 - 19 Nov 2011, HP University of Shimla
70	RD Kulkarni, N Ghosh, U D Patil, Satyendra Mishra, Preparation and film characterization of poly (styrene-butylacrylate-acrylic acid) – barium sulphate nanocomposite	9 th International Symposium on Surface coat on Protective Coatings & International paint Expo – 2011 (SSPC-2011), Dec 7-9-2011, Banglore
69	NG Shimpi, T Sen, AD Mokale, S Mishra , Spreading resistance of sonochemically synthesised semiconducting Ag/PANI nanocomposites	FPC 2011, 18 - 19 Nov 2011, HP University of Shimla
68	MD Borane, NG Shimpi and S Mishra , Biodegradation of PS:PLA nanocomposites and its property investigation (Second Prize Best Poster)	FPC 2011, 18 - 19 Nov 2011, HP University of Shimla
67	NG Shimpi, AD Mali, S Mishra , PP: EPDM in Ba CO ₃ blend and its Property Investigation	FPC 2011, 18 - 19 Nov 2011, HP University of Shimla
66	JB Naik and S Mishra , Esterification effect of maleic anhydride on swelling and mechanical properties of Natural Fiber/ Polystyrene Composites”	International conference on Composite materials, Aug 21-26, 2011, Jeju, South Korea
65	A Chatterjee, S Mishra Core-shell Nanoparticles by Atomized Microemulsion Technique and Its Effect on Properties of Polypropylene (PP) Composites	APSRT 2011, 3-5 March, IIT-Kharagpur
64	RD Kulkarni, N Ghosh, UD Patil, S Mishra , Preparation and film characterization of poly (styrene-butylacrylate-acrylic acid) - barium sulphate nanocomposite	8 th International Symposium on Surface Coating Protective Coatings & International Paint Expo – 2011 (SSPC-2011), organized by The Society for Surface Protective Coating India, India Habitat Centre, New Delhi, Mar 3-5, 2011
63	AD Mali, NG Shimpi , S Mishra, Influence of poly (methyl methacrylate) nanoparticles (nPMMA) on PP-EPDM blend	International conference on Innovation in Polymer Science and Technology (IPST-2011), 28 Nov-1 Dec, 2012 Indonesia, Bali
62	AD Mali, NG Shimpi , S Mishra, Ultrasonic assisted synthesis of acrylic latex nanocomposites	International conference on Innovation in Polymer Science and Technology (IPST-2011), 28 Nov-1 Dec, 2012, Indonesia, Bali
61	S Mishra , NG Shimpi, T Sen, Sonochemical synthesis of Cu/PAni nanocomposite and its electrical conductivity studies	Frontiers of Polymers and Advanced Materials (Macro-2010), December 15-17, 2010
60	RD Kulkarni, M Chaudhari, S Mishra , Investigation of influence of photo initiator type, concentration and film thickness on UV cure behaviour of Epoxy Acrylate Coatings on metal surfaces	11 th International conference on Frontiers of polymer and advanced materials (MACRO-2010) on Dec 15-17 th 2010

59	NG Shimpi, S Mishra , MD Borane, Synthesis, microbial, spectral characterization.....PS/PLA:OMMT polymer nanocomposites	11 th International conference on Frontiers of polymer and advanced materials (MACRO-2010) on Dec 15-17 th 2010
58	NG Shimpi, S Mishra , development of New Class of Polymer Nanocomposites	11 th International conference on Frontiers of polymer and advanced materials (MACRO-2010) on Dec 15-17 th 2010
57	AD Mali, NG Shimpi, S Mishra , Effect of photo-oxidative degradation on OMMT: silicone rubber composites	11 th International conference on Frontiers of polymer and advanced materials (MACRO-2010) on Dec. 15-17 th 2010
56	NG Shimpi, S Mishra , MD Borane, Biodegradation of PS/PLA nanocomposites using pseudomonas aeruginosa	Polymer Science and Engg.: Emerging Dimensions (PSE-2010), Nov 26-27, 2010
55	AM Nemade, VS Zope, S Mishra , Polyamide Recovery by Dissolution (Depolymerization) Reprecipitation Model	Polymer Science and Engineering; Emerging Dimension PSE-2010, on 26-27 Nov 2010
54	AD Mali, NG Shimpi, S Mishra , Investigation of Photo-oxidative effect on morphology and degradation of mechanical and physical properties of nano CaCO ₃ silicone rubber composites” Received the [Award for Excellence in Poster Presentation]	Polymer Science and Engineering: Emerging Dimensions (PSE-2010), 26-27 th Nov 2010
53	NG Shimpi, S Mishra and T Sen, Metal and Inorganic Nanoparticles	International Conference on ‘Nano - medicine’ Oct 23-25, 2010
52	RD Kulkarni, N Ghosh, UD Patil, S Mishra , Surfactant Stabilized Synthesis of Nano Prussian Blue in Falling Film Reactor	International Congress Of Chemistry and Environment (ICCE – 2009)) organized by Chemical Society of Thailand) Jan. 21-23, 2010, Thailand
51	RD Kulkarni, N Ghosh, UD Patil, S Mishra , Synthesis and Characterization of Lead Chrome Nano Spindles	International Congress Of Chemistry and Environment (ICCE – 2009)) organized by Chemical Society of Thailand) Jan. 21-23, 2010, Thailand
50	S Mishra , AM Nemade, VS Zope, Kinetics and Thermodynamics of depolymerization of Polyamide waste at various temperatures and pressures using high pressure autoclave, [Awarded FIRST prize in oral presentation]	International Congress of Chemistry and Environment ICCE-2009, Ubonratchathani University, on 23-25 Jan 2010 at Ubon Thaila
49	NG Shimpi and S Mishra , Sonochemical method for the synthesis of mineral Nanofillers and its application in epoxy nanocomposites	ICPPC 2010, Jan 15-17, 2010, Kottayam, Kerala
48	DA Deore, J.B. Naik and S Mishra , Evaluation of anti-scaling properties of poly maleic acid	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
47	AM Nemade, VS Zope and S Mishra , Chemical recycling of polyamide waste at various temperatures and pressures using high pressure autoclave technique	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
46	R.D. Kulkarni, DG Hundiwale, S Mishra and Amit Kumar, Synthesis and characterization of acrylic micro gel for utilization in high speed automotive base coat	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
45	N Ghosh, RD Kulkarni and S Mishra , Micelle synthesis of Prussian blue nanoparticles and preparation and characterization of nanolatex composites	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)

44	UD patil, RD Kulkarni and S Mishra , Synthesis of Nano CaCO ₃ and preparation and characterization of silicone rubber nanocomposites	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
43	S.S. Sonawane and S. Mishra , Synthesis of mineral nano Mg(OH) ₂ particles and its effect on mechanical and thermal properties of polyamide-66	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
42	T Sen, S Mishra and NG Shimpi A Novel and Facile Method of synthesis of metal nanoparticles with effective coating using polyethylene glycol (PEG) using as a mild reducing agent	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
41	A Chatterjee and S Mishra , Fabrication of Nano CaCO ₃ /PS Core Shell Nano Particles by atomized microemulsion Technique and its dispersion in PP matrix	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
40	AD Mali, S Mishra and NG Shimpi, Effect of Surface modified nano Clay on properties of Silicone Nanocomposites	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
39	S Mishra , NG Shimpi and AD Mali, Effect of surface modified nanoclay on properties of silicone nanocomposites	International Conference on RAPT-09, 28-29 Dec 2009, Jalgaon (India)
38	NG Shimpi and S Mishra , Nanophase separation in Epoxy nanocomposites: Effect of nanomaterials on structure and properties	Pacific Polymer Conference (PPC 11), Dec 6-10, 2009, Cairns, Australia
37	NG Shimpi and S Mishra Effect of Improved d-spacing of Montmorillonite on Properties of Poly (Vinyl Chloride) – Nanocomposites	XIV th International Clay Conference, June 14-20, 2009, Castellaneta Marina, Italy
36	NG Shimpi and S Mishra , Role of surface modified montmorillonite on properties of poly (vinyl chloride) nanocomposites	RAMM and ASMP, June 1-3, 2009, Penang, Malaysia
35	SS Sonawane, S Mishra and NG Shimpi, Study on Effect of OMMT-Polyamide Nanocomposites on Mechanical and Rheological Properties	PPS-25, March 1-5, 2009, Goa, India
34	UD Patil, NG Shimpi, and S Mishra , Synthesis of Mineral Nanofillers using Solution Spray Method and It's Influence on Mechanical and Thermal Properties of EPDM Nanocomposites	PPS-25, March 1-5, 2009, Goa, (India)
33	NG Shimpi, J Verma, and S Mishra Effect of Nano Ca ₃ (PO ₄) ₂ on Mechanical and Thermal Properties of PVC Nanocomposites	PPS-25, March 1-5, 2009, Goa, India
32	RD Kulkarni, N Ghosh, UD Patil, S Mishra , Design of self-cleaning coatings based on nano TiO ₂ and nano silver	5 th Coatings Science International Conference, Noordwij, Netherlands, June 22-26, 2009
31	RD Kulkarni, Mayur Chaudhari, and S. Mishra , Effect of pigmentation on dispersion, flow properties and curing inhibition of UV curable epoxy acrylate coatings	5 th Coatings Science International Conference, Noordwij, Netherlands, June 22-26, 2009
30	RD Kulkarni, N Ghosh, UD Patil, S Mishra , 'In situ preparation & Characterization of nano CaCO ₃ – styrene acrylate latex nano composite	International Conference on Photonics, Nanotechnology and Computer Science (ICOPNAC-2009), 25-28 Feb. 2009, Prist University, Thanjavur, Tamilnadu
29	AM Nemade, S Mishra , VS Zope, Hydrolytic Depolymerization of Polyurethane (PU) Foam waste	International Conference "POLYMCON-09, Polymer Changing Frontier" organized by

	at higher Temperature and Pressure using high pressure autoclave	Leeds University, Leeds U.K. and National Institute of Technology, 9-11-Jan 2009 Calicut (Kerala)
28	SS Sonawane, NG Shimpi, S Mishra , Investigation of variation in weight % loadings of Ca ₃ (PO ₄) ₂ on Mechanical properties of polymer Nanocomposites	APS, 30 Nov-04 Dec 2008 Melbourne, Victoria, Australia
27	NG Shimpi S Mishra , and SS Sonawane "Effect of commercial and nano CaSO ₄ on mechanical and thermal properties of polyamide nanocomposites"	PPS-2008, Americas Regional Meeting, Oct 26-28, 2008, USA
26	NG Shimpi, S Mishra , Effect of Nano Mineral Filler on Mechanical, Thermal and Morphological Properties of Elastomeric Nanocomposite	IRC and Rubber Exhibition 08, Oct 20-23, 2008, Kuala Lumpur, Malaysia
25	NG Shimpi, S Mishra , Mechanical and Thermal Properties of Nano CaCO ₃ /PVC composites	MACRO 2008, 42 nd World Polymer Congress, June 29- July 4, 2008, Taipei
24	RD Kulkarni, N Ghosh, UD Patil, and S Mishra , Surfactant assisted solution spray synthesis of stabilized Prussian Blue and Red Oxide for preparation of nanolatex composites	International Conference on Nano Manufacturing (Nano Man 2008), Tianjin University and Nanyang Technological University, Singapore, 13-16 July 2008
23	SS Sonawane, S Mishra and NG Shimpi, Study on the effect of OMMT on Rheological Properties of Polyamide nanocomposites	Polymer Processing Society-24, 15-19 June 2008, Selereno, Italy
22	S.S. Sonawane, S Mishra , NG Shimpi Effect of commercial & nano CaCO ₃ on thermal stability of polyamide composite	International Conference on Drug's Delivery & Nano Technology, 27 Dec 2007 Nanded
21	S Mishra and KC Patil, Sunflower Pectin in Acidified Milk Drinks	IFT Annual Meeting July 27 & 28, 2007, Chicago, USA
20	SS Sonawane, S Mishra , NG Shimpi, UD Patil, Preparation and characterization of EPDM rubber Nanocomposites	Conference on Future trends in Composites Material and Processing, 19 Jan 2007, IIT Kanpur
19	Shirish Sonawane, S Mishra and RD Kulkarni, Effect of nano-size of CaCO ₃ particles on rheological behavior of alkyd resin	International Conference on Advances in Manufacturing & Technology Management (ICAMTM 2007) 18-20 Jan 2007, Mumbai
18	S Mishra , Arindam Mukherji, Modeling And Simulation Of Nonisothermal Crystallization Behavior Of HIPS/Nano CaSO ₄ Composites With Variation In Wt. % Of Loading And Reduction In Nanosize	International Conference, 8 th European Symposium on Polymer Blends and Euro fillers, 9-12 th May, 2005, Belgium
17	S Mishra , Shirish Sonawane, Arindam Mukherji, Studies on structural effect of nano size CaSO ₄ particles on rheological behavior of PP and its simulation with mathematical model	International Conference on Polymers for Advanced Technologies, 14-17, Dec 2004, Thiruvananthapuram
16	S Mishra , Arindam Mukherji, SH Sonawane, Studies on structural effect of nano CaSO ₄ and nano Ca ₃ (PO ₄) ₂ on Mechanical and Thermal Properties of PP nanocomposites'	International Conference on Polymers for Advanced Technologies, 14-17, Dec 2004, Thiruvananthapuram
15	NG Shimpi, S Mishra , A comparative studies on nano CaCO ₃ and Flyash on Mechanical Properties of Styrene Butadiene Rubber (SBR)	International Conference on Polymers for Advanced Technologies, 14-17, Dec 2004, Thiruvananthapuram,
14	S Mishra and Arindam Mukherji, Studies on structural effect of nano size CaSO ₄ particles on rheological behavior of PP and its simulation with mathematical model	International Conference on Polymers for Advanced Technologies, 14-17, Dec 2004, Thiruvananthapuram

13	S Mishra and Arindam Mukherji, Studies on structural effect of nano CaSO ₄ and nano Ca ₃ (PO ₄) ₂ on Mechanical and Thermal Properties of PP nanocomposites	International Conference on Polymers for Advanced Technologies, 14-17, Dec 2004, Thiruvananthapuram
12	S Mishra , YP Patil, Effect of different anhydrides on Mechanical Properties of Agro wastes and Novolac resin Composites	VII th International conference on Frontiers of Polymers and advanced materials, June 10-15, 2003, Bucharest
11	S Mishra , Effect of Maleic anhydride Treatment of Glass Fibre and Wheat Straw on Mechanical Properties of Hybrid Fibre and Novolac based Composites,	3rd ESIS TC4 Conference on Polymers and Composites, 15-18, Sept 2002, Les Diablerets, Switzerland
10	S Mishra and YP Patil, Kinetics of esterification and its effect on mechanical properties of cane bagasse pith filled melamine formaldehyde composites	Fourth International Symposium on Natural Polymers and Composites, 1-4, Sept 2002, Sao Pedro, Brazil
9	S Mishra , AS Goje, Comparative Study of Treatment of Aqueous and alcoholic KOH on PET and PBT Waste	International Congress of Chemistry and Environment, 6-18 Dec, 2001, Indore, India
8	S Mishra and YP Patil \, Effect of Treatment of Various Anhydrides on Mechanical Properties of Melamine formaldehyde base Cane Bagasse Pith Composites	Seventh International Conference on Interfacial Phenomena in Composite Materials, 11-14 Sept 2001, Arcachon, France
7	S Mishra J.B. Naik Studies on Electric Properties of wood polymer composites based on agro waste and Novolac	16 th Annual Technical Conference of the American Society for Composites, Sept. 9-12, 2001, Blacksburg, V.A. USA
6	S Mishra , VS Zope and AS Goje, Kinetic And Thermodynamic Studies of Depolymerisation Of Polyester Waste By Saponification Reaction	Polymers in the Third Millennium. 2-6 Sept, 2001, Montpellier, France
5	S Mishra and JB Naik, Effect of treatment of maleic anhydride on mechanical properties of wood polymer composites based on agro-waste and polystyrene	Eurofihlers-99, Sept 6-9, 1999, Lyon, France
4	S Mishra , Thermal stability and degradation kinetics of dynamically vulcanized butyl rubber and polypropylene blends	The 3 rd International conference on Advanced polymers via macromolecular Engineering, July 31–Aug 5, 1999, Colonial Williamsburg, VA, USA
3	S Mishra and NR Talele, Microbial degradation of polystyrene: starch and polystyrene: lactose composites	International symposium on Microbial Biotechnology for sustainable development and productivity, Nov 14-18, 1998, Jabalpur
2	S Mishra , Dynamic Curing Optimization of HDPE/EPDM Blends by a Torque Rheometer	The Twelfth Annual Meeting of The Polymer Processing Society, May 27-31, 1996, Sorrento, Italy
1	S Mishra , Studies on Mechanical Properties of Polyvinyl Chloride Composites	Fourth Pacific Polymer Conference, Dec 12-15, 1995 Hawaii, USA

20-B) National Conferences

S. No	Title	Event
1.	J. Paradeshi, S. Patil, P. Chaudhari, S. Mishra, B. L. Chaudhari, Effect of Nanoparticles on Probiotic Culture: Growth, Acid and Bile Tolerance.	National Conference on “Recent Trend in Nanoscience: Techniques and Applications For Life Sciences” 19 th to 20 th December 2014, G. E. Society’s H. P. T Arts and RYK Science collage, Nashik.
2.	J Nath, G Chaskar, PS Khobragade, A Chatterjee,	National Level Conference, Techno Thown

	S Mishra , Novel Synthesis of Nano Filler Additives of wollastonite (CaSiO ₃)/Polystyrene (PS) Core-Shell Structures by Atomized Micro emulsion Technique and its Characterization [2nd prize in Oral Presentation Award]	2014 March 7, 2014, COETA, Akola, India.
3.	PS Khobragade, A Chatterjee & S Mishra , Novel Synthesis of Wollastonite (CaSiO ₃) Nano-rods by Hydrothermal Microemulsion Technique and its effect on Properties of Styrene Butadiene Rubber (SBR)	National Conference on Recent Advances in Polymer Technology (RAPT-2013 March 21-22, 2013, UICT, NMU, Jalgaon
4.	SS Bari, A Chatterjee & S Mishra , Surface Assisted Shape Controlled Nanorod Synthesis by Ultrasonic Irradiation	National Conference on Nano Science and Nanotechnology (NCNST-2013, March 23, 2013, UICT, NMU, Jalgaon
5.	J Nath, G Chaskar, A Chatterjee & S Mishra , Waste Fabric Reinforced Composites [3rd Prize in Oral Presentation Award]	Techno Thown 2013, National Level Paper presentation, March 22, 2013, COETA, Akola, India.
6.	R Shinde, Snehal Waikar, PS Khobragade, A Chatterjee, S Mishra , Novel Synthesis & Characterization of Nanothread Mineral Filler by Hydrothermal w/o Microemulsion Technique". [Best Oral Presentation Award]	Techno Thown 2013, National Level Paper presentation, March 22, 2013, COETA, Akola, India
7.	DP Hansora, NG Shimpi, S Mishra , A Facile route for the synthesis of carbon nanotube using arc discharge technique [Awarded First In Poster Presentation]	National Conference on Recent Advances in Polymer Technology, RAPT-2013 during March 21-22, 2013 held at University Institute of Chemical Technology-UICT (Formally known as UDCT), NMU, Jalgaon, Maharashtra, India
8.	SR Jangale, A Chatterjee, S Mishra , Synthesis and Characterization of Calcium Phosphate [Ca ₃ (PO ₄) ₂]/Polylactic Acid (PLA) Core-Shell Nanoparticles Using Ultrasonication Irradiation	Recent Advances in Polymer Technology, 2-3 Mar, 2012, North Maharashtra University, Jalgaon
9.	RD Kulkarni, S Mishra , UD Patil, N Ghosh Development of transparent wood finish coatings based on nano iron oxide.	National Conference on Nanostructures and Nanomaterials, 19 March, 2011, North Maharashtra University, Jalgaon
10.	S Mishra , Polystyrene Nanoparticles as Impact Modifier and Its Effect on Rheological and Mechanical Properties of LLDPE Matrix	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
11.	AM Nemade, S Mishra , VS Zope, Reprecipitation Model for Recovery of Poly- amide by Dissolution (Depolymerisation) Technique	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
12.	C Patil, AD Mali, NG Shimpi, S Mishra , A Review on Surface Treatment of magnesium Hydroxide to Improve Its Dispersion in Organic Phase by the Ultrasonic Technique	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan,2011, North Maharashtra University, Jalgaon
13.	A Chatterjee, S Mishra , Effect of Surfactant and Co- Surfactant on Synthesis of Polymer Nanoparticles by Microemulsion Process	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
14.	T Sen, NG Shimpi, S Mishra , Studies on Sonochemical Synthesis of Ag/PANi Nanocomposites and their Electrical Conductivity	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
15.	AD Mali, NG Shimpi, S Mishra , Effect of UV Irradiation, Humidity and Temperature on the	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan2011, North

	Degradation of OMMT:Silicone Rubber Composites	Maharashtra University, Jalgaon
16.	M. Borane, N.G. Shimpi, S. Mishra, Biodegradation of Polystyrene (PS) Poly Lactic Acid (PLA) Nanocomposites USING Basillus subtilis	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
17.	C Mahajan, VR Shah, LS Untwal, NG Shimpi, J.B. Naik, S Mishra , Biodegradable Polymeric Submicron/ nanoparticles Based Novel Drug Delivery Systems for Poorly Water Soluble Drugs	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
18.	KB Baghulde, BK Sinha, M.M. Patil and S Mishra , Smart Materials Used for Smart Structure	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
19.	CS Narsimhan, S Mishra , RD Kulkarni, G.A. Morde, S. Beldar, Nanostructured Copper (II) Oxide- Synthesis, Characterization and application	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
20.	CS Narsimhan, S Mishra , RD Kulkarni, GA Morde, P.S. Mahajan, Partial Epoxidation of Mustard Oil and Its Ring Opening	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
21.	VK Rana, Shivani, RP Singh, CS Ha and S Mishra , Bio-Polymer Functionalized Graphene: A Hybrid for Biomedical Applications	3 rd Conference on Recent Advances in Polymer Technology, 15 Jan 2011, North Maharashtra University, Jalgaon
22.	AD Mali, NG Shimpi, S Mishra , Effect of UV-irradiation, humidity and temperature on the degradation of OMMT: Silicone Rubber Composites	Recent Advances in Polymer Technology (RAPT-2011) on 15 th Jan 2011, North Maharashtra University, Jalgaon
23.	AD Mali, NG Shimpi, S Mishra , Surface modification of montmorillonite (MMT) using column chromatography technique and its application in silicone rubber nanocomposites	4 th national conference (RANGOTSAV-2011) on 19-20 th Feb 2011, North Maharashtra University, Jalgaon
24.	AM Nemade, S Mishra and VS Zope, Hydrolytic Depolymerisation of Polyamide waste using High Pressure Autoclave	Natural Resource Management for Sustainable Development, 1-2 Feb 2010, School of Environmental and Earth Sciences, North Maharashtra University, Jalgaon
25.	S Mishra , NG Shimpi, AD Mali, Effect of encapsulated nano CaCO ₃ on photo stabilization of silicone nanocomposites	National Conference on Nanoscience and Nano-technology, 17-19 Jan 2010 Visvesvaraya National Institute of Technology, Nagpur
26.	S Mishra , AM Nemade and VS Zope, Hydrolytic depolymerization of polyamide waste at various temperatures and autogenously pressure using high pressure autoclave technique	Emerging Trends in Polymer Science and Technology, 8-10 Oct 2009. Saurashtra University, Rajkot Gujarat
27.	S Mishra and A Chatterjee, Particle size and Morphology of Polystyrene nano particles Using microemulsion technique and Their effect on rheological, Thermal and Mechanical properties of PP composites	National Seminar on Recent Advances in Polymer Technology, on 30 Jan 2009 held in North Maharashtra University, Jalgaon
28.	N Ghosh, RD Kulkarni, UD Patil and S Mishra , Applications of Nanocomposite emulsion to exterior wall paint: A New paint with High performance	National Seminar on Recent Advances in Polymer Technology, on 30 Jan 2009 held in North Maharashtra University, Jalgaon
29.	NG Shimpi, J Verma and S Mishra , Effect of nano Ca ₃ (PO ₄) ₂ on Mechanical and Thermal Properties of PVC Nanocomposites	National Seminar on Recent Advances in Polymer Technology, on 30 Jan 2009 held in North Maharashtra University, Jalgaon

30.	NG Shimpi, S Mishra , Effect of improved d-spacing of montomorillonite on properties of poly (vinyl chloride) – nanocomposites	National Seminar on Recent Advances in Polymer Technology, on 30 Jan 2009 held in North Maharashtra University, Jalgaon
31.	S Mishra , AM Nemade, VS Zope, Polyamide recovery by dissolution (depolymerization) re-precipitation model	National Seminar on Recent Advances in Polymer Technology, on 30 Jan 2009 held in North Maharashtra University, Jalgaon
32.	UD Patil, S Mishra , R. D. Kulkarni, Novel process for preparation of inorganic nanosized particles using co-precipitation technique in micellar mode [Received 1 st Prize]	Role of Nanotechnology in Polymer & Chemical Industries, 15 March, 2008, Department of Chemical Technology, North Maharashtra University, Jalgaon
33.	S Mishra , A Mukherji, Effect of interaction of nano and commercial size filler with matrix of polyurethane, to its mechanical and thermal properties	National conference on Nanomaterials and application, 27-28 May, 2005, Noida
34.	S Mishra and A Mukherji, Comprehension of Ductile-Brittle Cracking Transition by varying temperature, Nano size and wt.% of loading of nano CaSO ₄ in HIPS Composites by various ligament length	National Conference on Nanoscience and technology, Sponsored by DST under DST_NSTI programme 7 & 8 March, 2005, NCL Pune
35.	VS Zope, S Mishra & RD Kulkarni, First Order Kinetic Model of Depolymerisation of PU Foam	National Seminar on 'Emerging trends in the Chemical Sciences in the New Millennium', 5-7 Feb, 2004, Shri Shivaji Science College, Amravati
36.	S Mishra and ID Patil A Comparative Study Of Polyacrylic Acid And Polymethacrylic Acid As Antiscalcing Agents	CHEMCON-2002, Indian Chemical Engineering Congress-2000, Dec 19-22, 2002, Hyderabad
37.	NThakare, R Chaudhari, D Deore, S Mishra , Effect of Molecular weight on Surface Tension and Antiscalcing Properties of Polyvinyl Alcohol	Polycone 2002, National Seminar, Aug 16-17, 2002, H.B.T.I., Kanpur
38.	S Mishra , AS Goje, Kinetics Of Glycolysis Of Poly (Ethylene Terephthalate) Waste Powder And Catalyst optimization for Recovery of Value added products	National conference, Feb 2002, Amravati
39.	S Mishra , N Saxena, N Jiwani and M. Kathikar optimization of Nylon 66 in LLDPE:Nylon 66 blends using EVA as a Compatibilizers	MACRO 2000, National Symposium On Polymers and Composites, Dec 1-2, 2000, DMSRD, Kanpur
40.	S Mishra , NR Talele and BL Chaudhari, Effect of potato starch on biodegradation of polystyrene	National Polymer Seminar and Exhibition 21-22, Feb 1998, Govt. Engg. College Raipur
41.	S Mishra JB Naik and YP Patil Studies on swelling behavior of wood polymer composites based on agro waste and Novolac	National Polymer Seminar and Exhibition 21-22, Feb 1998, Govt. Engg. College Raipur
42.	S Mishra , Studies on thermal stability and curing behavior of EVA/EPDM blends, Polymer	National Symposium on Polymers, Feb 25-26, 1996, Saradar Patel University Vallabh Vidyanagar, Gujarat
43.	S Mishra and DK Sharma, Differential thermal analysis of coal in stagnant air	National Seminar on 'Physico chemical Properties of Coals' ISM February, 1988, Dhanbad, India,

20-C) Local – University/ College Level

S. No	Title	Event
1.	S Mishra , NG Shimpi, AD Mali and R Ladhole, Synthesis, surface modification and characterization of CaCO ₃ using	Avishkar 2010 on Dec 24-25, 2011

	ultrasonic cavitation technique selected' [Selected for State level presentation]	
2.	M Chaudhari, R. D. Kulkarni, & S Mishra , Synthesis of Acetophenone & Benzophenone derivatives for utilization as photoinitiators for UV curable coatings	C.V. Raman Memorial Seminar, 28 February, 2007, N.M.U. Jalgaon
3.	N Ghosh, RD Kulkarni & S Mishra , Insitu synthesis of nanoparticles during vinyl-acrylic emulsion polymerization for development of latex nanocomposites [Received 1st Prize]	C.V. Raman Memorial Seminar, 28 February, 2007, N.M.U. Jalgaon
4.	S Mishra , Jagmohan Verma and Navin Shimpi, Study of decomposition kinetics of PVC : Wood microcellular composites using Ozawa kinetic method	C.V. Raman Memorial seminar, 28 February, 2006, N.M.U. Jalgaon
5.	S Mishra and NG Shimpi 'Study on Reduction in Nano Size of CaCO ₃ and flyash on Mechanical and Thermal Properties of Polybutadiene Rubber (PBR) [Received 1st Prize]	C.V. Raman Memorial seminar, 28 Feb, 2005, N.M.U. Jalgaon
6.	S Mishra and Arindam Mukherji, Effects of nanoCaCO ₃ on thermal conductivity of High Impact Polystyrene (HIPS) composites by varying wt. % of loading	C.V. Raman Memorial seminar, 28 Feb, 2005, N.M.U. Jalgaon
7.	S Mishra , and Shirish Sonawane, Effect of reduction in nano-size of CaCO ₃ particles on rheological behaviors of alkyd resin and accordance with mathematical models, [Received 1st Prize]	C.V. Raman Memorial seminar, 28 Feb, 2004, N.M.U. Jalgaon
8.	S Mishra and Navinchandra Shimpi, Studies on Effect of Nano CaCO ₃ and Zn (OH) ₂ on Mechanical Properties of Rubber	C.V. Raman Memorial seminar, 28 Feb, 2004, N.M.U. Jalgaon
9.	S Mishra , P. Saxena and DA Deore, studies on Antiscaling Effect of Polyacrylic Acid on Boiler	C.V. Raman Memorial seminar, 28 Feb, 2004, N.M.U. Jalgaon
10.	S Mishra , Arindam Mukherji, Studies on Effect of Nano Ca ₃ (PO ₄) ₂ and CaSO ₄ on Mechanical and Thermal Properties of Polymer Composite	C.V. Raman Memorial seminar, 28 Feb, 2004, N.M.U. Jalgaon
11.	S Mishra , Jagmohan Verma and Rizwan Patel, Effect of Maleic anhydrides on Absorption of Water in Rice Husk Polypropylene Composites	C.V. Raman Memorial seminar, 28 Feb, 2004, N.M.U. Jalgaon

21. Invitation for conference/ Seminar/ workshops/ symposia to deliver lecture

21-A) International

S. No	Title	Event
1	Conducting Polymer Nanocomposites as Room Temperature Gas Sensors	Conferences on advancements in Polymer Science & Technology APA-2015, October 29-31, 2015 Saurashtra University, Rajkot
2	Graphene Hybrid Nanocomposites'	Lecture delivered to Faculty and Research Students of School of Engineering, Robert Gordon University, Aberdeen, UK on 18 September, 2015
3	S. Mishra, Preparation, characterization, and biodegradation of PS: PLA and PS: PLA: OMMT nanocomposites using Aspergillus niger (Invited Lecture)	International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics (Biomaterials 2014) during October 27-30, 2014 held at Radisson Blu Hotel, Dwarka, New Delhi (India)
4	S. Mishra, Advancement on Polymer Nanotechnology (Invited Lecture)	National Conference, LIT, Nagpur during Feb 14-15, 2015 held at Nagpur, India

5	Steering committee member, Poster presentation committee member, Chair person in Oral session, Invited lecture	The International conference on Polymers: Vision and innovations by Asian Polymer Association-New Delhi, Feb19-21 2014, India Habitat Centre, New delhi, India
6	S Mishra , Hybrid Nanoparticles: Its Effect on Physicochemical and Mechanical Properties of Polymers	APA International Conference on Polymers: Vision and innovation, Feb 19-21, 2014 India Habitat center, New Delhi.
7	NG Shimpi, S Mishra , In vitro investigation on PS:PLA and PS:PLA:OMMT nanocomposites using fungal strain	International conference on advances in polymeric materials & nanotechnology (Poly Tech 2012) 15-17 Dec 2012
8	S Mishra , NG Shimpi, Thermal, mechanical and morphological properties of surface modified montmorillonite (MMT) reinforced viton rubber nanocomposites	International conference on advances in polymeric materials & nanotechnology (Poly Tech 2012) 15-17 Dec, 2012
9	S Mishra , Synthesis and characterization of Calcium Carbonate (CaCO ₃)/ Polystyrene (PS) Core-shell nanoparticles by atomized microemulsion technique and its effect on properties of polypropylene (PP) composites	International Conference on Polymer Science and Engineering (PSE 2010)
10	Chair the session	International Conference on Polymer Science and Engineering (PSE 2010)
11	S Mishra , Synthesis of High Crystalline Polystyrene Nanoparticles by Monomer Atomization in Microemulsion and Their effect on Thermal, Rheological and Mechanical Properties of LLDPE	2nd Indo-Swiss Bonding International Symposium on Bonding, Adhesion and Nanotechnology, 11-13 Feb, 2010, Sikkim Manipal University, Majitar, Sikkim
12	S Mishra , Synthesis of High Crystalline Polystyrene Nanoparticles by Monomer Atomization in Microemulsion and Their effect on Thermal, Rheological and Mechanical Properties of LLDPE	2nd Indo-Swiss Bonding International Symposium on Bonding, Adhesion and Nanotechnology, 11-13 Feb, 2010
13	S Mishra , Effect of Nano CaCO ₃ on Thermal Properties of Styrene Butadiene Rubber	Rubber Chem 2006 an International Conference 5-6 Dec 2006, Munich, Germany
14	S Mishra , Synthesis and Characterization of Polystyrene Nanoparticles and Their Effect on Rheological and Thermal Properties of LLDPE Matrix	MACRO 2009 – Recent Advances in Polymeric Materials, March 9-11, 2009, Chennai
15	S Mishra , Wood – Polymer composites based on Agro-waste fibres	Indo France workshop on biodegradable polymers, Feb 9-13, 2003, Chennai- Pune
16	Chair the session	4th International Symposium on Natural Polymers and Composites, 1-4 Sep, 2002, Sao Pedro, Brazil
17	Co-chair the Poster session	The 3rd International conference on Advanced polymers via macromolecular Engineering, Jul 31 – Aug 5, 1999, Colonial Williamsburg, VA, USA

21-B) National

S. No	Title	Event
25	Polymer Nanoparticles: Their effect on Rheological, Mechanical and Thermal	STTP course on ‘ Process Intensification: Fundamentals and Applications, 26 December 2016

	Properties of Polymer Nanocomposites	to 4 January, 2017, UICT, NMU, Jalgaon
24	Effective Development of Polymer Nanocomposites	STTP course on ' Process Intensification: Fundamentals and Applications, 26 December 2016 to 4 January, 2017, UICT, NMU, Jalgaon
23	S. Mishra, Nano Technology	Basics of Nano Technology. 17-19 March, 2016, BAMU, Aurangabad
22	Key Note address- Synthesis of Nanomaterials and their Applications	National Conference on Chemical synthesis of Nano materials and their applications in Environment, 8-9 February, 2016, GTP College Nandurbar
21	Role of Nano Technology in Polymers	Faculty Improvement for research in Science & Technology (FIRST-2015), 18-24 June 2015 School of Chemical Sciences, NMU, Jalgaon
20	S Mishra , Emerging Trends in Nanotechnology,	Short Term Training Program on Nanoscience and Technology during June 20-25, 2013, Department of Nanoscience and Technology, UICT, NMU, Jalgaon
19	S Mishra , Synthesis of Nanomaterials	AICTE Sponsored Staff Development Program on 'Recent Advances in Nanoscience and Nanotechnology during June 15-30, 2012
18	S Mishra , Nano Technology: A Paradigm in Polymer Technology	National Workshop on Nano Materials and Intellectual Property Right, 16-17 Feb. 2012, Dept. of Nano Technology, BAMU, Aurangabad
17	S Mishra , Basics of Nano Technology	STTP on Nanotechnology at UDCT, NMU Jalgaon on 30.12.2011
16	Chair the session	National Conference on Recent Innovations in Oil and Food Technology, Aug 23, 2010, UDCT, NMU, Jalgaon
15	Chair the session	National Conference on Nano- science and Nanotechnology, 18-20 Jan 2010, VNIT, Nagpur
14	S Mishra , Effect of Mineral fillers on the mechanical and Processing Properties of Polymers and Their industrial applications	UGC supported STPP on Diverse Aspects on Nano Science and Nano Technology, 1-12 April, 2010, UDCT, NMU, Jalgaon
13	S Mishra , Synthesis of High Crystalline Polystyrene Nanoparticles by Monomer Atomization in Microemulsion and Their effect on Thermal, Rheological and Mechanical Properties of Polymers	UGC supported STPP on Diverse Aspects on Nano Science and Nano Technology, 1-12 April, 2010, UDCT, NMU, Jalgaon
12	S Mishra , Nano Science and Nano Technology	National STTP on Teachers Empowerment Program with special Focus on effective Teaching, 19-24 April, 2010, SGBCOET, Bhusawal
11	S Mishra , Novel Synthesis of Organic and Organo-Inorganic Hybrid Nanoparticles by Atomized Microemulsion Technique and Their Effect on Commodity Polymers	National Conference on Nano- science and Nanotechnology, 18-20 Jan 2010, VNIT, Nagpur
10	Chair the session	National seminar on emerging Trends in Polymer science and Technology, October 8-10, 2009, Rajkot
9	S Mishra , Influence of Treated Nanoinorganic Filler on Properties of Elastomeric Composites	National Seminar on Emerging Trends in Polymer Science and Technology, Oct 8-10, 2009, Rajkot
8	S Mishra , Research Methodology	ISTE approved STTP course on faculty development including Research Methodology and Mathematical

		Modelling in engineering and Technology, 2-7 Nov, 2009, SGBCOET, Bhusawal
7	S Mishra , Nano Technology and Its Effect on Polymers	National Seminar on Nano Technology: Perspectives and Future, 8 th March, 2008, COET, Bambhori, Jalgaon
6	Chair the session	National Seminar on Nano Technology: Perspectives and Future, 8 th March, 2008, COET, Bambhori.
5	Chair the session	National seminar on Processing and Compounding Aspects of nano filler based Plastics materials, March 26-27, 2007, CIPET Bhopal
4	S Mishra , Nano Polymers–Synthesis and Applications	IRMRA-MITCON Nanotechnology workshop 26-27 Sep, 2007, Pune
3	S. Mishra Mechanism of Enhancing Properties of Base Material on Incorporation of Nano Material Nano Technology and Its applications’	National seminar on Processing and Compounding Aspects of nano filler based Plastics materials, March 26-27, 2007, CIPET Bhopal
2	S Mishra , Mechanism of Enhancing Properties of Base Material on Incorporation of Nano Material	IRMRA-CII Nanotechnology programme 16-17 March, 2007, Mumbai
1.	S Mishra , Nano Technology a Boon - Effect of mineral Nanofillers on the mechanical, thermal and processing properties of polymer	Emerging Facets of Chemical engineering and Biotechnology, 28-29, Sep, 2005, LIT Nagpur

21-C) State / Regional Level

S. No	Title	Event
1.	S Mishra , two lectures on ‘Polymer Nanocomposites’ on 20/09/2011	Invited talk by UDCT Faculty during UGC-Academic Staff College, Pune University Refresher Course in ‘Chemistry and Chemical Technology’ at UDCT, NMU, Jalgaon (Sept. 12-Oct.02, 2011)
2.	Key Note address	National Workshop on Research proposal Writing, 27-28 February, 2011, Department of Education, NMU, Jalgaon
3.	S Mishra , Plastic Waste Management and its impact on Environment	Plastic: Boon or bane, Aug28,2010, A.V. College, Hyderabad
4.	S Mishra , Key Note address on Recent trends in nano Technology	State level workshop on Nano Science, 12-13 Dec, 2008, Sinnar, Nashik
5.	S Mishra , Invited lecture on Plastics and environment	Refresher course from 2005 at School of Environmental science, NMU Jalgaon
6.	Chair the session	Needs of Technology Education, 13 Feb 1999, BAMU, Aurangabad
7.	S Mishra , Need of Technical Education	Needs of Technology Education 13 Feb, 1999, BAMU, Aurangabad

22. Training Courses and Conference, Seminar, workshop organized

22-A) Training courses

S. No	Title of Event	Period
1.	Chairman, National Seminar On Recent Advances In Food & Fermentation Technology (RAFFT-2013) organized under TEQIP-II	Sept 25, 2013
2.	Chairman, National Seminar On Recent Advances In Chemical Sciences And Technology (RACST-2013) organized under TEQIP phase II	Sept 21, 2013
3.	Chairman, Organised Quality Improvement Program on “Innovations in Drug	Sept 20-27, 2013,

	design and delivery	
4.	Chairman, Organized workshop on Food technology syllabus (B.Tech/M.Tech) setting on under TEQIP phase II	Sept 16, 2013
5.	Team building workshop for teaching and non-teaching by Flag Ship Edu Mart Pvt Ltd. Pune, under TEQIP phase II	July 2 -28, 2013
6.	Chairman, STTP on Nanoscience and Technology	June 20-25, 2013
7.	Chairman, SDP on Recent Advances in Nanoscience and Technology	June 15-30, 2012,
8.	AICTE sponsored SDP on Recent Advances in Polymer Technology	June 15-30, 2011
9.	2 nd Professional Certificate course on Nano Technology	May 11-15, 2011
10.	1 st Professional Certificate course on Nano Science and Technology	May 11-15, 2010
11.	UGC sponsored Short Term Training Programme Diverse Aspects of Nano Science and Technology	April 01-12, 2010
12.	Formulation and Processing of Paints [Ball Mill, Bead Mill, Attritor, Colour Matching, Brookfield Viscometer], for M. Sc. students	July 02-09, 2009
13.	Sophisticated Instrumental Analysis [GC, HPLC, FTIR, Color Matching Spectrophotometer, Brookfield Viscometer], for Senior Chemistry Lecturers of Colleges	July 08-15, 2009
14.	Certificate Course, Sophisticated Instrumental Analysis [GC, HPLC, FTIR, Colour Matching Spectrophotometer, Brookfield Viscometer], for B. Tech., B.Sc., B. Pharm. and M. Sc. students	June 19-24, 2009 and July 02-09, 2009

22-B) International Conference

S. No	Title	Event
1	S Mishra, Chairman, Recent Advances in Polymer Technology	Dec 28-29, 2009, Dept. of Chemical Tech. & School of Chemical Sciences, North Maharashtra University, Jalgaon.

22-C) National Conference

S. No	Title	Event
1.	Chairman, National Conference On Recent Advances in Chemical Science, Technology and Environment	National Conference On Recent Advances in Chemical Science, Technology and Environment -9 th March, 2015, UICT, NMU, Jalgaon
2.	Chairman, National Conference On Emerging Trends in Oleochemicals and Ecofriendly Coating Technologies	National Conference On Emerging Trends in Oleochemicals and Eco-friendly Coating Technologies” organized on 28 th September, 2013 under TEQIP phase II, at UICT NMU, Jalgaon
3.	Chairman, National Conference on Nano Science and Nanotechnology	National Conference on Nano Science and Nanotechnology (NCNST-2013), 23 March, 2013, University Institute of Chemical Technology, North Maharashtra University, Jalgaon, Maharashtra
4.	Chairman, Fifth National Conference on Recent Advances in Polymer Technology	National Conference on March 21-22,2013, UICT,NMU, Jalgaon
5.	Chairman, IIRd UGC-SAP sponsored National conference on “Recent Challenges in Pharmaceutical Sciences and Technology”	National conference on “Recent Challenges in Pharmaceutical Sciences and Technology, Department of Pharmaceutical Technology, University Institute of Chemical Technology, North Maharashtra University, Jalgaon on 16 th March 2013
6.	Chairman, National Conference on	National Conference on Nanomaterials, Industrial

	Nanomaterials, Industrial Polymers and Eco-Friendly Coatings-Perspectives and Challenges	Polymers and Eco-Friendly Coatings-Perspectives and Challenges on 18th Feb, 2012 jointly by Department of Chemical Technology & School of Chemical Sciences NMU, Jalgaon
7.	Chairman, National conference on Nanostructures and Nanomaterials' on March 28, 2012 parallel session at Jalgaon & Nandurbar organized by the Department of Chemical Technology, NMU, Jalgaon	National conference on Nanostructures and Nanomaterials' on March 28, 2012 parallel session at Jalgaon & Nandurbar organized by the Department of Chemical Technology, NMU, Jalgaon
8.	Chairman, National Conference on Recent Challenges in Pharmaceutical Science & Technology	National Conference on "Recent Challenges in Pharmaceutical Science & Technology, organized by UDCT, NMU, Jalgaon on 28 March 2012
9.	Chairman, National conference on Recent Advances in Chemical Engg.2012 held on 4 th February 2012 organized by UDCT, NMU, Jalgaon	National conference on Recent Advances in Chemical Engg.2012 held on 4 th February 2012 organized by UDCT, NMU, Jalgaon
10.	Chairman, Fourth Conference on Recent Advance in Polymer Technology	National Conference on March 2-3, 2012, UDCT,NMU, Jalgaon
11.	Chairman, Recent Challenges In Pharmaceutical Sciences And Technology	National Conference On "Recent Challenges In Pharmaceutical Sciences And Technology", 19th March 2011, UDCT,NMU, Jalgaon
12.	Chairman, National Conference on Nanostructures and Nanomaterials	National Conference on Nanostructures and Nanomaterials, 19 March, 2011, UDCT,NMU, Jalgaon
13.	Chairman, Recent Advances in Polymer Technology	Recent Advances in Polymer Technology, 15 January, 2011, Dept. of Chemical Tech., North Maharashtra University, Jalgaon
14.	Chairman, Recent Innovation in Oil and Food Technologies	National Conference, Aug 23, 2010, Dept. of Chemical Tech., North Maharashtra University, Jalgaon
15.	Chairman, Recent Advances in Chemical Engineering	National Seminar, March 20, 2010, Dept. of Chemical Tech., North Maharashtra University, Jalgaon
16.	Chairman, Recent Advances in Polymer Technology	National Seminar, Jan. 30, 2009, Dept. of Chemical Tech., North Maharashtra University, Jalgaon.
17.	Chairman, Role of Nanotechnology in Polymer and Chemical Industries	National Seminar, March 15, 2008, Dept. of Chemical Tech., North Maharashtra University, Jalgaon
18.	Chairman, on Recent Trends in Chemical Technology'	National Seminar, Jan 6-7, 2006, Dept. of Chemical Tech., North Maharashtra University, Jalgaon

(Satyendra Mishra)