

**5th National Awards for Technology Innovation in
Petrochemicals & Downstream Plastics Processing Industry (2014-15)**

**Central Institute of Plastics Engineering & Technology (CIPET)
Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers
Government of India**

Category	Winners/ Runners- up	Name/ Awardees	Topic of Research	Contact
Innovation In Polymeric Material	Winner (Individual)	Mr. Ranajit pal, Mr. Suraj s, Mr. V. Lakshmanarao, Mr. C. P. Regunadhan Nair, VIKRAM SARABHAI SPACE CENTRE INDIAN SPACE RESEARCH ORGANIZATION TRIVANDRUM. Trivandrum, Kerala	Heat Curable Epoxy Film Adhesive Composition With Filleting Characteristics For Space Application	9745713085, 0471-2565041, 0471-2565858, 0471-2565689
	Runners- up (Individual)	Dr. Lalit varshney, Dr. Amar kumar, ADVANCED POLYMER COMPOSITE FOR CESIUM EXTRACTION FROM NUCLEAR WASTE/NON-NUCLEAR WASTE, Mumbai, Maharashtra	Advanced Polymer Composite For Cesium Extraction From Nuclear Waste/Non-Nuclear Waste	9821050662, 022-25591089
	Winner (Industry)	M/s. Newgen Specialty Plastics Ltd. Noida, U.P.	Cross Linkable Pe Compound For Rotomolding	8527891994

	Runner up (Industry)	M/s. Reliance industries limited, Navi Mumbai, Maharashtra.	Development Of Eco-Friendly Sulfur Based Polymeric Material For Concrete Application Using Refinery Produced Sulfur By-Product	7718877584
	Runners- up (Academic R&D Institution)	Central Institute Of Plastics Engineering & Technology, Sonepat, Haryana	Development Of Thermoplastic Green Composites By The Utilization Of Bagasse Waste From Sugar Industries	7206000687
Innovation In Polymeric Products	Runners- up (Individual)	Prof. Dr. Ajay chandak, Dhule, Maharashtra	Prince Biogas Plant	9823033344
	Winner (Industry)	M/s. Uniqflux Membranes LLP, Pune, Maharashtra	Tfc Reverse Osmosis Membrane	7774011471
	Runners- up (Industry)	M/s. Carris Pipes & Tubes Pvt Ltd., Perumbavoor, Kerala	Aquatech Biogas Plant	9446562800
Innovation Of Polymer Processing Machinery & Equipments	Winner (Individual)	Mr. J. Ramaswamy setty, Mr. G.M. Kamalakannan, G.N. Dayananda, CSIR-National Aerospace Laboratories, Bangalore, Karnataka	Mr. Design And Development Of Indigenous State-Of-The-Art Aerospace Grade Autoclave (Polymer Processing Equipment) For	9480318897, 9342228341, 080-25270584

			Manufacturing Advanced Composites	
	Joint Winner (Industry)	M/S. Ferromatik Milacron India Pvt. Ltd., Ahmedabad, Gujarat	Elektron 450 - All Electric Plastic Injection Molding Machine	9978916319,0 79-25830063
		M/s. Kabra Extrusiontechnik Ltd., Mumbai, Maharashtra	High Speed Inline Flat Drip Tube Extrusion Line	9004494916, 7738300000
Innovation In Polymer Waste Management & Recycling Technology And Green Polymeric Materials & Products	Winner (Individual)	Dr. Parimal a.Parikh, Dr.Yogesh c.Rotliwala, Prof. Dharmendra b. Parekh, S.V.National Institute of Technology, surat. S.N.Patel Institute Of Technology And Research Centre, Vidyabharti Campus, Surat, Gujarat	Resource Recovery From Waste Plastics For The Up-Gradation Of Biomass Derived Bio-Oil	9998135425, 9998628041,9 998357599
	Runners- up (Individual)	Dr Debdatta Ratna, Mr. R Baloji Naik, Naval Materials Research Laboratory (NMRL), Ambarnath, Maharashtra	Development Of Green Antimicrobial Coating Based On Silver Nanoparticle Embedded Hyperbranched Urethane Alkyd Resin	0251-2623110, 9765893892, 9765893892
	Winner (Industry)	M/s. Maharani Innovative Paints Pvt. Ltd. (formerly known as Maharani Paints Pvt. Ltd.) Faridabad, Haryana	Recycling Of Industrial Paint Sludge To Industrially Useable Coating Materials	9654666864, 0129- 4054003/13

	Runners- up (Industry)	M/s. Natur Tec India Pvt. Ltd., Egmore, Chennai	Biobased And Biodegradable Packaging For Apparels	9840641731, 044-43533120
	Winner (Academic and R&D Institution)	University Of Calcutta, Calcutta, W.B.	Magnetically Guided Water Submerged Biopolymer Films For Synchronous Decontamination Of Pollutants And Bacteria.	9833475981, 033-23508386/ 1397
Polymers In Agriculture And Water Conservation	Winner (Individual)	Ms. Anupama Singh,, Mr. Balraj s Parmar, Mr. Dhruba Jyoti Sarkar ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi	Indigenous Biopolymeric Superabsorbent Hydrogel Technology For Enhancement Of Water And Nutrient Productivity And Novel Process Of Preparation	9968449395 9868373507 9968814890
	Runners- up (Individual)	Dr. Nirmal chandra, Dr. A. K. Srivastva, Dr. S. C. Pandey, ICAR- Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora, U.K.	Use Of Plastics For Sustainable Livelihood Security In Champawat District Of Uttarakhand	9456545549, 9411134656, 9997896250
	Winner (Industry)	M/s. Harvel Agua India Private Limited, New Delhi	Gravity Drip Kit	9810412358 9810201107, 011-46224444
Polymers In Public Health Care	Winner (Individual)	Mr. Anup k. Ghosh, Mr. Naresh, Bhatnagar, Indian Institute Of Technology Delhi	Multi-Functional Polymeric Orthotic Knee Joint For Polio And	9810432622, 9811326491

		Hauz Khas, New Delhi	Cerebral Palsy Patients	
	Runners- up (Individual)	Dr. M ayyappan, Dr. Jagan Mohan A Tharakan. HLL Lifecare Limited, Trivandrum, Kerala	An Intrauterine System (IUS) With Controlled Drug Delivery	0471-2354949, 0471-2443152
		Mr.Anirban Roy, Dr. Sirshendu de, Dr. Lloyd Vincent, Dr. Shyam Vasudeva Rao, Indian Institute Of Technology Kharagpur, W.B.	Development Of Indigenous Low Cost Hemodialysis Cartridge	9830265292, 03222-282002 080- 41624042/41
	Winner (Industry)	M/s. Electrowater Technologies Pvt.Ltd. Mumbai, Maharashtra	Device For Making Water From Atmosphere	022 40933100
Research In The Field Of Polymer Science & Technology (For Researchers Working In Academic Institute / Research Lab.)	Joint Runners- up (Individual)	Mr. S. Ananda kumar, Mr. D. Duraibabu, Mr. P. Saravanan, Mr. Yiheyis Bogale Zemedede, Anna University, Chennai, Tamilnadu	Nano Hybrid Coatings And Composites	9841730581, 044-22357003
		Dr Rajeev Mehta, Miss Shilpa Narang, Dr S.N. Upadhyay, Thapar University, Varanashi, U.P.	Chemical Fixation Of Carbon Dioxide And Propylene Oxide To Poly(Propylene Carbonate) And Cyclic Carbonate	9815623714, 7837439031, 9415372465

	Winner (Industry)	M/s. Reliance Industries Limited, Mumbai, Maharashtra	Intrinsic Self-Healing Polybutadiene Rubber And Its Blend	9724314454, 0265-6696313
	Winner (Academic and R&D Institution)	M/s. Indian Oil Corporation Ltd., Faridabad, Haryana	Indigenous Catalysts Development For Producing Polypropylene Using Novel And Low Cost Precursors - a step towards "Make In India"	9891356555, 0129-2284420
	Runners- up (Academic and R&D Institution)	IIT Madras, Chennai, Tamilnadu	Antimicrobial Food Wrap	9884691871, 044-22574107
Innovation Not Covered Under Seven Categories	Winner (Industry)	M/s. IOL Chemicals And Pharmaceuticals Limited, Barnala, Punjab	Dual Technology For Synthesis Of Mono Chloro Acetic Acid & Acetyl Chloride Using Green Chemistry	9878996245, 01679-285285
	Runners- up (Industry)	M/s. Tanishka Products, Mumbai, Maharashtra	Control Release Through Mf Polymer Encapsulation	9987579770, 022-42153346