

**4th National Awards for Technology Innovation in
Petrochemicals & Downstream Plastics Processing Industry (2013-14)**

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

Category	Winner/ Runners- up	Name/ Awardees	Topic of Research	Contact
Innovation In Polymeric Materials	Winner (Individual)	Dr. Rabindranath Jana, HALDIA INSTITUTE OF TECHNOLOGY, ICARE COMPLEX, HALDIA Haldia, West Bengal	Development of Liquid Crystal Polymers for Actuator Applications	9475501042
	Winner (Industry)	Dr. R. V Jasra M/s Reliance Industries Ltd, Mumbai, Maharashtra	New Ultra High Molecular Polyethylene (UHMWPE) for Defense Applications	2244783425 2222785000
	Runners- up (Industry)	Vivek Mehta M/s Indian Oil Corporation Ltd, Panipat, Haryana	High Productivity - High Stiffness - Injection Molding PP Grade	09996911316
Innovation In Polymeric Products	Joint Winners (Individual)	Shri Trebhuwan Singh Raman, Jaipur, Rajasthan	An Improved Oropharyngeal Airway	09828811284 0978498552
		Shri Rishi Baid, Faridabad, Haryana	Safety IV Cannula	0129-4287060 3355070
	Winner (Industry)	Deepshree Sarda M/s Valtree Global Associate,	Valtree Preinsulated Valves & Strainers	9959766000

		Secundrabad, Telangana		
	Runner Up (Industry)	Umish Srivastava M/s Indian Oil Corporation Ltd, Faridabad, Haryana	Multi Utility Solar-LED- Light	0129-294532/ 0129-2286221
	Winner (Academics and R&D Institution)	Basudam Adhikari, Koel Chaudhuri Indian Institute of Technology, (Kharagpur), West Bengal	Process Technology for manufacturing Jute based Cellulosic Fiber and Method for Manufacturing Superabsorbent Polymer Bound on a Natural Polymer for Sanitary Napkin and Diaper.	09434061965 09434341334
Innovation Of Polymer Processing Machinery & Equipments	Winner (Individual)	Shri Bishnu Prasad Panda, Dr. Smita Mohanty, Prof.(Dr.) S.K.Nayak, (LARPM,CIPET) Bhubaneswar, orissa	Development of Flat and Curved Bottom FRP Liquid Helium Dewar for SQUID based application including magnetoencephalogra phy (MEG)	091-674-2742852
	Winner (Industry)	Niranjan C Dave M/s Dave Technical Services, Mumbai	Mini Blow Twin Station Form –Fill - Seal(FFS) Machine	09820699234
Innovation In Polymer Waste Management & Recycling technology	Winner (Individual)	Dr. Jandas P.J, Dr. Smita Mohanty Prof.(Dr.) S.K.Nayak, (LARPM-CIPET), Bhubaneswar, Orissa	High Impact Recycled Plastics from Waste Electrical & Electronic Equipments (WEEE) for Thin Walled Outer Casing Applications	091-674-2742852

	Runners- up (Individual)	Shri S. Anand, Thiruvananthapuram, Tamilnadu	EF Bricks Modern Technique in Fly Ash Bricks	9629224707
Innovation In Green Polymeric Materials & Products	Winner (Industry)	Rajesh Kalicharan Shukla M/s Montage Health Care & Bio Chem Private Ltd., West Mumbai, Maharashtra	Bioconversion of Mango Kernel An Agri - Waste to Bioplastics	022280770697 022280770671 09987227667 07666778008
	Winner (Academics and R&D Institution)	Dr. SSV. Ramakumar M/s Indian Oil Corporation Ltd, Faridabad, Haryana	REACH Compliant Novel Internal Donors Based Ziegler –Natta Catalysts for Producing Phthalate Free Polypropylene	0129-2284420
Polymers In Agriculture And Water Conservation	Winner (Individual)	Shri Sheo Shekhar Shukla, Shri Uma Kant Pandey, M.P. WAREHOUSING & LOGISTICS CORPORATION, Bhopal, M.P.	Silo Bag used for Storage of Food Grain	0755-2600509
	Runners- up (Individual)	Shri Sushant Upadhyaya, DEPARTMENT OF CHEMICAL ENGINEERING, MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, Jaipur, Rajasthan	Development of a Solar Energy based Membrane Distillation System for Rural Drinking Water Applications in Rajasthan	9982317584

	Winner (Industry)	Amit Jain A.K Kaushal M/s Automat Irrigation Pvt. Ltd, Haridwar, U.K.	Plastic Hydrocyclone Filter for Micro Irrigation	09810421242 09871869148
Polymers In Public Health Care	Winner (Individual)	Dr. Roy Joseph, Shri C.V. Muraleedharan, SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, BIO MEDICAL TECHNOLOGY WING, Trivandrum, Kerala	Fluoropolymer Coated and Hydrogel Sealed Vascular Graft Implant	09447000987 09946025464
	Winner (Academics and R&D Institution)	Mr. Abi Santhosh Aprem M/s HLL Lifecare Ltd. Trivandrum, Kerala	Development of Novel Intrauterine Device-Coated Copper T	0471-2774707
Research In The Field Of Polymer Science & Technology	Winner (Individual)	Dr. Reddithota J. Krupadam, NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE, Nagpur, Maharashtra	Smart Polymers for Environmental Carcinogens Sensing and Remediation	9890733955
Research In The Field Of Polymer Science & Technology	Runners- up (Individual)	Dr. Tejraj M. Aminabhavi, SONIYA EDUCATION TRUST'S COLLEGE OF PHARMACY, Dharwad, Karnataka	Polymers in Drug Delivery and Membrane Science	9449821279
Research In The Field Of Polymer Science &	Winner (Industry)	Dr. Anjana Jain, Shri P.Siva Subba Rao, Dr. Rajeev Jain,	Development of Polyvinylidene Fluoride (PVDF)	09448682877 0944815903 0994508291

Technology		(Gas Turbine Research Establishment, Bangalore), Bangalore, Karnataka	Polymer Composite Films and Demonstration as an Actuator for Flapping Wing of Micro Air Vehicle	
Research In The Field Of Polymer Science & Technology	Runners- up (Industry)	Dr. Leela Edwin, Dr. P. Muhamed Ashraf, Dr. Nikita Gopal, Dr. Saly N. Thomas, Dr. B. Meenakumar, Dr. M. Ajith Peter (Mathura Refinery), Mathura U.P & Dr. Sreeja A, (Institute of Wood Science & Technology, Bangalore, Karnataka	Upgradation of Treated Rubber Wood using Fibreglass Reinforced Plastic (FRP) Sheathing for Fishing Boat Construction	91-484-2412300 91-484-2412300 91-484-2412300 09410227406 08494910002 91-484-2412300 91-11-25846738