

**6th National Awards for Technology Innovation in Petrochemicals & Downstream Plastics Processing Industry
(2015-16)**

**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	Joint Winner (Team)	DR. D.N.Tripathi, DR. A.K.Saxena, DR. Vineeta Nigam, Mritunjay Kumar Pandey, Anjlina Kerketta, Defence Materials & Stores Research & Development Establishment (DMSRDE), Kanpur, U.P.	Development Of Fire Retardant Polymers, Blends And Their Fibers Using Polyphosphazenes	9336504049
		MR. K V Govindarajan, B.Madhusudana Rao; G. Rajesh, P.M.Asseref, P.S.Methia, Brahmos Aerospace Pvt Ltd. Hyderabad, Telangana	Special thermal protection low molecular weight ploymethylphenyl silicone rubber with chopped carbon fiber reinforcement polymeric material for aerospace & missile applications.	9849279623
	Joint Runners- up (Team)	Mr. Nirmal. C, Elbin George, Lakshmikanth Rv, Mathew Daniel,	Development Of Low Density Thermal Insulation System For Case Bonded	9446064048

		Thomas CR. VSSC , Trivandrum, Kerala	Solid Rocket Motors	
		PROF. Swapan k. DOLUI, DR. Pronob Gogoi. Tezpur University, Napaam , Tezpur, Assam	Green Synthesis Of Epoxidized Soybean Oil And Citirc Acid Based Bio- Nanocomposites With Excellent Performance Characteristics	9957198489
	Runners- up (Individual)	Mr. Raja Shunmugam, IISER Kolkata,W.B.	Unique Norbornene Polymer Based	9748897367
	Joint Winner(Industry)	Mr. Sumit Basu, INDIAN OIL Corporation LTD. New Delhi	High Productivity, High Stiffness Injection Molding Hdpe Grade 080m60	180-2526702
		Mr. Raj Kumar, ESTER Industries Limited , Gurgaon, Haryana	Modified Polyester For Hotfill Application By Injection Stretch Blow Molding (Isbm) Process	9958090623
	Joint Runners- up (Industry)	Mr.. Raj Kumar, ESTER Industries Limited , Gurgaon, Haryana	Polyester Masterbatch To Impart Stain Resistance In Nylon For Carpet Application	9958090623
		Dr. Virendra Kumar Gupta, RELIANCE Research & Development Centre ,	Novel Ultra High Molecular Weight Polyethylene (Nuhmwpe) Materials For	9998965284

		Navi Mumbai, Maharashtra	Speciality Applications Through Inhouse High Performance Catalyst Technology	
	Winner (Academic and R&D Institution)	DR. Vimal Katiyar, Indian Institute Of Technology Guwahati Assam	Industrial Production Of Degradable Packaging Films For Stringent Food Packaging Application	7896123664
	Runners- up (Academic and R&D Institution)	DR. A.G.Murugesan, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu	Polymer From Natural Resource	9443407457
Innovation In Polymeric Products	Winner (Team)	Mr.. T H Samiullah & Team, CSIR-National Aerospace Laboratories, Bangalore, Karnataka	Indigenous Manufacture & Installation Of Mark li Radomes For Doppler Weather Radar	9945202268
	Runners- up (Individual)	DR. Siddaramaiah, Sri Jayachamarajendra College Of Engineering, Mysore, Karnataka	Design And Development Of Highly Flexible And Visibly Transparent Uva Radiation Sensing Polymer Nano Composite Hybrids	9972095262
	Winner (Industry)	Mr. Hitendra Saundankar, Hindusatan Aeronautics Limited Aircraft Division,Aurdc, Nashik, Gujarat	Indigenous Development Of Canopy Inflatable Seal Made From Elastomeric Material And Used In Indian Military Aircraft	9850538429

	Runners- up (Industry)	Mr.. Dinesh Welukar, Mutual Industries Ltd., Vasai, Maharashtra	Composite Manhole Cover With Modular Reinforcement Part	250-6458460
Innovation Of Polymer Processing Machinery & Equipments	Winner (Team)	Mr. Bhatt tushar shriram, Shri S.B.M.Guruvayurappan, SHRI Nazar A Baker, SHRI Suhas Mukherjee, Shri Elizabeth John & Shri Sreekumaran Nair, Vikram Sarabhai Space Centre Indian Space Research Organization Trivandrum, Trivandrum, Kerala	Novel Technique To Evaluate Biaxial Tensile Properties Of Filled Polymeric Materials Like Composite Solid Propellant	471-2565163 & 9447900227
	Runner up (Team)	Mr. Bishnu Prasad Panda, Dr. Smita Mohanty, Dr. S.K.Nayak, Bhuneshwar, Orissa	Production Of Highly Controlled Deposition And Alignment Of Carbon Nanotube-Polymer Composites; Apparatus And Applications	9556188871
	Winner (Industry)	Mr. P M Jariwala, Mr. P S Sudake, KABRA Extrusiontechnik Limited, Andheri West, Maharashtra	High Speed Telecom Micro- Duct Extrusion Line	8511186362
	Joint Runners- up (Industry)	Ms. Sonal Pithava, Rajoo Engineers Ltd. Rajoo Avenue,	Rajoo's Tilting Mould Thermoformer - Dispotilt	9909988932

		Rajkot, Gujarat		
		Mr. Vinothkumar.S, Toshiba Machine (Chennai) Pvt.Ltd., Bangalore, Karnataka.	Development Of Energy Efficient Ts Series Injection Moulding Machine	9791139401
	Winner (Academic and R&D Institution)	Dr. Jitendra Sangwai, Indian Institute Of Technology Madras, Chennai, Tamilnadu	Apparatus And Method For Rheology Of Complex And Multiphase Polymer Or Polymerizing Systems	9884310593
	Runner up (Academic and R&D Institution)	MR. R Joseph Bensingh, CIPET, Guindy, Chennai, Tamilnadu	A Novel Withdrawal Device For Withdrawing Curved Cores In Moulds And Dies	9840376907
Innovation In Polymer Waste Management & Recycling Technology And Green Polymeric Materials & Products	Winner (Individual)	Mr.. Prodyut Dhar, DR. Vimal Katiyar, DR. Amit Kumar, Indian Institute Of Technology Guwahati, Guwahtait, Assam	Value Added Cellulose Nanocrystals Production From Waste Resources And Its High End Applications	8473995104
	Runner up (Individual)	MR. Tholkappiyan E, S.Sheeba, G.Karuppusamy, Bannari Amman Institute Of Technology, Erode, Tamilnadu	Development Of Novel Fabric Using Wasted Banana Stems	9750191607
	Winner (Industry)	DR Gourishanker Jha, The supreme industries ltd. Pune, Maharashtra	Manufacturing Process Forcost Effective Cross Linked Block Foam Products By Blending Of Modified Recycle Cross	7720007422

			Linked Low Density Polyethylene (Ldpe) Foam And Reprocess Ldpe	
	Runner up (Industry)	Mr. J Chandrasekaran, Watsan Envirotech Private Limited, Chennai, Tamilnadu	Monolithic & Ckd Ready To Fit Toilet Using Discarded Glass Fibre Waste	9444441181
	Winner (Academic and R&D Institution)	PROF. Balasubramanian K, Defence Institute Of Advanced Technology, Ministry Of Defence, Pune, Maharashtra	Effective Utilization And Management Of Waste Rubber For Superior Road Construction	202-304207 7875593598
	Runners- up (Academic and R&D Institution)	DR. Vimal Katiyar, Indian Institute Of Technology Guwahati, Guwahati, Assam	Biobased Adhesive Formulation For Structural Applications	7896123664
Polymers In Agriculture And Water Conservation	Winner (Team)	Mr.. S Dinesh Kumar & Mr.. M J Giridharan, Kodammbkam, Chennai	Hdpe Bracket For Floating Fish Farming Cage	9444072626
Polymers In Public Health Care	Winner (Team)	DR. S. Sridhar, Y.V.L.Ravikumar, M.Madhumala, Harsha Nagar, N.Shiva Prasad, CSIR-Indian Institute Of Chemical Technology, Hyderabad, Telangana	Promoting Industrial Development And Societal Welfare Through Innovative Membrane Technology	8790748674
	Winner (Individual)	Mr.. Vilas Laxman More, Aurangabad, Maharashtra	An Improved Safety Shaving Razor & Its Assembly	9028173531
	Runners- up	Ms. Lakshmi Unnikrishnan, Dr.	Polymer Biosensing	9853167515

	(Team)	Smita Mohanty, Dr. S.K.Nayak, Laboratory For Advanced Research In Polymeric Materials (LARPM), Bhubneshwar, Orissa	Platform For Lipid Metabolite Detection	
	Runners- up (Individual)	Mr.. Rishi Baid, Poly Medicure Ltd. Faridabad, Haryana	Intravenous Catheter Appartus	9811048153
	Winner (Industry)	Mr.. Ankur Raval, Sahajanand Medical Technologies Pvt. Ltd. Surat, Gujarat	Use Of Biodegradable Polymers For Controlled Drug Delivery From Cardiovascular Stents	2613060606 8238055695
Research In The Field Of Polymer Science & Technology (For Researchers Working In Academic Institute / Research Lab.)	Winner (Team)	Mr. Akshaya kumar palai, Mr. K.Prabakaran, Dr. Smita mohanty, Dr. S.K.nayak, Laboratory For Advanced Research In Polymeric Materials (LARPM)- CIPET, Bhubneshwar, Orissa	Aligned Carbon Nanotube/Polymer Hybrid Electrolyte Membranes For High Performance Dye Sensitized Solar Cells	7894316788
	Runners- up (Team)	DR. Rajendra s. Dongre, DR D.S. Ramteke, Department Of Chemistry r.t.m. Nagpur University Nagpur And National Environmental Engg., Nagpur, Maharashtra	Fabricated Column Adsorption Study: Continuous Mode Analysis Of Defluoridation By Chitosan Doped Biocomposites	8087723120
	Winner (Industry)	DR. Virendrakumar Gupta, Reliance Research & Development Centre, Navi Mumbai, Mumbai	Invent & Make In India -High Performance Catalyst And Precursor Technology For Polypropylene Grades	9998965284
	Winner	DR G S Kapur	Development Of Ultrahigh	9899137444

	(Academic and R&D Institution)	Indian Oil Corporation Ltd R&Amp, Faridabad, Haryana	Molecular Weight Poly(Alphaolefins) As Drag Reducer Additives For Pipeline Transportation Of Oil	
Innovation In Polymer Application	Runners- up (Individual)	DR Gourishanker Jha, The Supreme Industries Ltd. Pune, Maharashtra	Development Of Composite Reusable Multi Layer Protective Floor Mat Epe Foam And With Cross Laminated Polyethylene Film/Woven Sacks For Reusable And Recyclable Floor Protectors	7720007422