

2nd NATIONAL AWARDS FOR TECHNOLOGY INNOVATION (2011-2012)

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 (Team)	Dr. A.K. Sen, Mr. Sandeep Kumar, Chemical and Polymer Engg. Department, Birla Institute of Technology, Mesra, Ranchi, Jharkhand	Coir fiber based fire retardant Micro filler	9431597273
	Winner (Industry)	M/s Gharda Chemicals Ltd., Mumbai, Maharashtra	An Economical & Environmentally friendly process for making Polyether Ketone (PEK)	022-33065600
	Runners- up (Individual)	M/s Kemrock Industries and Exports Ltd., Vadodara, Gujarat	High Performance Vinyl Ester for Composite Applications	09898025297
Innovation In Polymeric Products	Winner (Team)	Dr. R. Vasanthakumari, Dr. T S Nata-rajan, Ms. A. Aarthi, Mr. S. Vikram, Mr. R. Jayaraman, B S Abdur Rahman, University, (Formerly Crescent Engineering	Design & Development of digitally controlled Heating Gloves and Heating Pads for soldiers in high mountain areas	044-22751347

		College), Chennai, Tamilnadu		
	Winner (Industry)	M/s Mysore Polymers & Rubber Products Ltd., Mysore, Karnataka	Toroidal Rubber Tube	0821 – 664 3000
	Runners- up (Team)	Dr. K.P. Chellamani, Mr. M.K. Vittopa, Mr. J. Sathish, M/s South India Textile Research Association (SITRA), Coimbatore, Tamilnadu	Development of Various organic high performance polymer narrow width fabrics and polymer braided cables for reinforcement in sonar cable applications	0422-6544188
	Runners- up (Industry)	M/s Skanray Technologies, Mysore, Karnataka	Use of Engineering Plastics in Diagnostic X Ray Equipment	0821-2415559
Innovation Of Polymer Processing Machinery & Equipments	Winner (Individual)	Mr. G. Sekar, M/s. Fly Tech Engineering, Chennai, Tamilnadu	Twin Screw Extruder (Co-Rotating) for Indian wood Powder & Polymer (Virgin or Reprocessed) Processing	09840074640
	Winner (Industry)	M/s. Lohia Starlinger Ltd., Kanpur, U.P.	Energy Efficient Heating System for Tape Line Machine	0512-3045100
	Runners- up (Individual)	Mr. Pratik Bankar M/s. Hem Techsys Pvt. Ltd., Vadodara, Gujarat	Development of equipment for testing of strength of seal for packaging film	0265-3011677
	Runners- up (Industry)	M/s. Rajoo Engineers Ltd., Rajkot, Gujarat	LABEX-Three Layer Blown Film Lab Line	02827-252701
Innovation In Polymer Waste	Winner (Industry)	M/s Harita NTI-Ltd., Chennai, Tamilnadu	Polymer Waste Management & Recycling Technology	044-26357087

Management & Recycling Technology				
Innovation In Green Polymeric Materials & Products	Joint Winner (Team)	Dr. K.P. Chellamani, Mr. S. Palanivelayutham, Mr. G. Pannerselvam M/s South India Textile Research Association (SITRA), Coimbatore, Tamilnadu	Manufacture of Different Jute Blended Yarn Fabrics for Home Textiles and other Jute Diversified Products	Ph: 0422-6544188, 4215333
		Dr. Sandhya Mishra Dr. Pushpito K. Ghosh Dr. Mahesh R. Gandhi Mrs. Anupama Shrivastav Mr. Sanjiv Kumar Mishra M/s. Central Salt & Marine Chemical Research Institute (CSIR-C13SMCRI), Bhavnagar, Gujarat	Microbial Synthesis of Green Plastic - Polyhydroxyalkanoates (PHA) Using Jatropha Biodiesel Waste Residues	0278-2569496
Polymers In Agriculture And Water Conservation	Winner (Individual)	Dr. Nirmala Devi, Department of Chemistry, M/s Gauhati Unviersity, Assam	Development of neem seed oil microencapsulated natural polymeric controlled release pesticide	09435654166
	Runners- up (Team)	Mr. Kaushlendra, Mr. Abhinav Halani, Mr. Pravin Gupta M/s Kart Corporation M/s. Kart Corporation, Patna M/s. Abhinav Polymers,	Rotomoulded A.C. Vegetable Mobile Vending Cart	09304446443

		Ahmedabad, Gujarat		
	Runners- up (Industry)	M/s NXT MED Devices Pvt. Ltd., Chennai, Tamilnadu	ECO Pots	09444295676
	Winner (Industry)	M/s. Jain Irrigation Systems Limited, Jalgaon, Maharashtra	Quick Connect Plus Joint - A Novel PE Pipe Joint used in shift able Irrigation Systems	09823032022
Polymers In Public Health Care	Winner (Team)	Mr. S. Ilangovan Mr. R. Joseph 18Bensingh Dr. K. Greesan, Dr. T S Radhakrishnan Mr. K. Meigandan M/s. Advanced Research School For Technology and Product Simulation (ARSTPS), Chennai, Tamilnadu	Design and Development of Sensor Array Helmet	
	Winner (Industry)	M/s. Premier Industrial Plastics. M/s. SIDD Life Sciences Pvt. Ltd. Mr. H. Vijayakumar Mr. B. Subramanian, Chennai, Tamilnadu	Polystyrene in Blood contact application in cardio pulmonary support.	09840299805, 09884040202
	Runners- up (Individual)	Dr. Vijayan, MBBS, MS, Chennai, Tamilnadu	New Asthma Inhaler	09444295676
	Runners- up (Industry)	M/s Customs Parts Online, Chennai, Tamilnadu	Feeding Bottle for foster mothers, care takers, fathers for infants	09444441181
	Research In The	Joint Winner	Dr. M. Jayakannan,	Development of New Polymers

Field Of Polymer Science & Technology	(Individual)	Indian Institute of Science Education and Research (IISER), Pune, Maharashtra		8087
		Mr. Isha R. Kamrupi, Dept. of Chemical Sciences, Tezpur Univeristy, Tezpur, Assam	Technology for polymerization and preparation of the polymer nanocomposites in supercritical fluid (sc-CO ₂)	09957198489
	Runners- up (Team)	Mr. S. Anbudayanidhi, Dr. Smita Mohanty, Prof. Dr. S.K. Nayak, M/s. Laboratory for Advanced Research in Polymeric Materials (LARPM), CIPET, Bhubaneswar, orissa	Removal of metallic elements from waste printed circuit board (PCB) using acrylic based hydrogels	0674-2742852