

**7th National Awards for Technology Innovation in
Petrochemicals & Downstream Plastics Processing Industry (2016-17)**

**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)	Prof(DR) Balasubramanian K, Defence Institute Of Advanced Technology, Pune, Maharashtra	Carbon Based Nanostructured Environmentally Benign Superhydrophobic Composite Surface	7875593598
	Runners-up (Individual)	Shri Siddhartha Moulik, Shri S. Sridhar, Smt. Pavani Vadthya,	Highly Compact Cascaded Polymer Membrane System As A Low Cost Replacement For Imported Dm Water Production Units	9441000959 8790748674 9966027360 9032730703 9052219592
		Shri N. Shiva Prasad, Smt. M. Madhumala, CSIR-Indian Institute Of Chemical Technology Uppal Road, Tarnaka, Hyderabad		
	Winner (Industry)	DR. Rakshvir Jasra, Reliance Industries Limited, Mumbai, Maharashtra	Novel Polyethylene Material And Its High Thermally Conductive Product For Electronic Applications	9724314454 9987566846
	Runners-up (Academic and R&D Institution)	Bhaskar Jyoti Saikia, Tezpur University, Tezpur, Assam	Development Of High Performance Self-Healable Epoxy Composites By Atrp And Click-Chemistry	8486202290
Winner (Academic and	Vijayanand Suryakant Moholkar, Indian Institute Of Technology	Production And Characterization Of Biopolymer	9954709058	

	R&D Institution)	Guwahati, Guwahati, Assam	Polyhydroxybutyrate (Phb) From Terrestrial Invasive Weeds	
Innovation In Polymeric Products	Winner (Individual)	Dr. Debdatta Ratna, Shri Anil Sudhakar Patankar, Shri Rama Kant Kushwaha, Naval Materials Research Laboratory, Ambernath, Maharashtra	Development Of Toughened And Nanoreinforced Epoxy Based Coating And Frp Composites For Naval Application	9766619055 9322253847 9422912912
	Winner (Academic and R&D Institution)	Shri G. Rajesh, DR. Manoj Kumar Patra, Shri P.S. Methia, Shri Mohit Mohan Patra, Advanced Systems Laboratory Dr.Apj Abdul Kalam Missile Complex DRDO Kanchanbagh, Hyderabad, Telangana	Rubber Composites For Microwave Isolation In Radio Altimeter Instruments	9502048932
Innovation Of Polymer Processing Machinery & Equipments	Runners-up (Individual)	Prof (DR) Balasubramanian K, Defence Institute Of Advanced Technology, (DU), Pune, Maharashtra	Design Of Extruder/ Compounder For Exfoliation And Dispersion Of Nanoadditives In Polymer Matrix	7875593598
	Winner (Team)	DR. N. L. Gayatri, SHRI N. Shiva Prasad, SMT. B. Nagasandhya, SMT. Bukke Vani, SHRI S. Sridhar, CSIR-Indian Institute Of Chemical Technology Uppal Road, Tarnaka, Hyderabad, Telangana	Design Of A Novel Inexpensive Spinneret For Production Of Ultrafine Hollow Fibers For Hemodialysis/Water Treatment Applications	9618943699 9063905193 7660086839 9652164312 8790748674
	Winner (Industry)	MR Vinay Bansod, Windsor Machines Limited, Gandhinagar, Gujarat	Innovative Two Platen Machine	9925006680
	Runners-up	Khushboo Chandrakant Doshi,	WOODPLEX - WPC Profile &	9909988932

	(Industry)	Rajoo Engineers Limited, Rajkot, Gujarat	Board Line	
Innovation In Polymer Waste Management & Recycling Technology And Green Polymeric Materials & Products	Runners-up (Individual)	Digvijay Dhabriya, Dhabriya Polywood Limited, Jaipur, Rajasthan	Use Of Marble Mining Waste For Manufacturing Of Engineered Marble Mouldings And Sheets	9829052707
	Winner (Industry)	Peethambaram Parthasarathy, E-parisaraa pvt. Ltd., Bangalore, Karnataka	Recycling Of Electronic Waste Plastics	9845104537
	Winner (Academics and R&D Institution)	R. P. Vijayakumar, Visvesvaraya National Institute Of Technology, Nagpur, Maharashtra	Production Of Liquid Hydrocarbons, Carbon Nanotubes And Hydrogen Rich Gases From Waste Plastic In A Multi-Core Reactor	9970335592
Polymers In Agriculture And Water Conservation	Winner (Individual)	Sachin D. Awatade, John deere india pvt. Ltd. Pune, Maharashtra	Pdcpd Multi Material Tractor Fenders	8806661279
	Winner (Academic and R&D Institution)	Antala Dineshkumar Khimjibhai, Junagadh Agricultural University, Junagadh, Gujarat	Design And Development Of A Foldable Packaging Container For Transportation And Storage Of Horticulture Produce	9428841610
Polymers In Public Health Care	Winner (Individual)	Lizymol P.P., Sree Chitra Tirunal Institute For Medical Sciences & Technology Thiruvananthapuram, Kerala	Development Of Ormocer Based Bioactive Polymer Composite For Biomedical Applications	9447216561
	Winner (Industry)	(1) Dr. Abi Santhosh Aprem, (2) Mrs. Suja B, (3) Dr. Raghuram K Nair, (4) Dr. Raghukumar, HLL Lifecare Limited, Mahilamandiram Road, Thiruvananthapuram, Kerala	Cervical Spacer For Reducing Radiation Dosage On Critical Organs During The Brachytherapy Treatment	4712774700
	Winner	Dr Kumresh Kumar Gaur,	Injection Molded Microcellular	9811947842

	(Academic and R&D Institution)	MR. Naresh Bhatnagar , DRDO , IIT DELHI	Thermoplastic Hip Protection Device	
Research In The Field Of Polymer Science & Technology (For Researchers Working In Academic Institute / Research Lab.)	Joint Winner (Team)	Dr.S.Reshmi, Dr. G. Santhosh, Dr. Sreejith. M, Smt. S. Gayathri, Shri Linson paul, Shri N. Binu, Vikram Sarabhai Space Centre, Thiruvananthapuram, Kerala	Energetic Triazole Binders For Defect Free Green Composite Solid Propellants	4712565558
		Raja Shunmugam, IISER KOLKATA, West Bengal	Polynorbornene Derived 8-Hydroxyquinoline Paper Strips For Ultrasensitive Chemical Nerve Agent Surrogate Sensing	9748897367
	Runners-up (Team)	1) Tarun K. Maji, 2) Chinmayee Saikia, Tezpur University, Tezpur, Assam	Development Of Polymer Coated Iron Oxide Magnetic Nanoparticles For Targeted Delivery Of Anticancer Agent	9435381087 9401951233
	Winner (Academic and R&D Institution)	Shri Kundan Kumar Verma, Shri Kotresh M Gaddikeri, Shri Dinesh BI, DR. Ramesh Sundaram, CSIR-National Aerospace Laboratories, Bangalore, Karnataka	Development Of Coinfused And Cocured Fully Integral Wing Interspar Box Using Verity Process	8025086400
Innovation In Petrochemicals And Newer Polymer applications	Runners-up (Industry)	Chandra Sekhar Putcha, Trimoorthy Auto Deco Components Private Limited, Pune,Maharashtra	New Polymer Application And Indeginisation	8978112545

