

**9th National Awards for Technology Innovation in  
Petrochemicals & Downstream Plastics Processing Industry (2018-19)**

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

<b>Category</b>	<b>Winners/ Runners- up</b>	<b>Name/ Awardees</b>	<b>Topic of Research</b>	<b>Contact</b>
Innovation in Polymeric Materials	<b>Winner</b>	Mr. Ganesh Srinivasan, <b>Resil Chemicals Pvt. Ltd.,</b> Bangalore, Karnataka	Nano silver - silica - silicone composite & smart materials etc...	9845104681
	Runners- up	Dr. Kana M. Sureshan & Mr. Pratap Annamalai, <b>IISER-Thiruvananthapuram,</b> Kerala	Covalent-noncovalent polymer blends and composites for Marine oil-spill recovery and water purification	9645307400
Innovation in Polymeric Products	<b>Winner</b>	Dr. Reji John, Mr. Shiv Kumar & Mr. R S Arun Sundar <b>Naval Physical &amp; Oceangraphic Laboratory, DRDO, Min. of Defence, Govt. of India,</b> Kochin, Kerala	Magnetorheological Fluid	9895279657 9946172818 8089614145
	Runners- up	Dr. Subhendu Ray Chowdhury, Mr. Atanu Jha & Mr. K.S.S.Sarma, <b>Bhabha Atomic Research Centre,</b> <b>IRAD, BARC.</b> Mumbai, Maharashtra	Radiation assisted biodegradable superabsorbent development for oil and oily substance removal from water surface as well as underwater environment	9773068754

Innovation in Polymer Processing Machinery & Equipments	<b>Winner</b>	Mr. Vijay Kumar Singh, <b>The Supreme Industries Limited,</b>	Planetary PE Foam Extrusion Machine for 100 kg/hr. output with unique operating features and low processing cost.	8380034934
	Runners- up	Mr. Nikunj Bhaia, <b>Neptune Plastic &amp; Metal Industries,</b> Kolkata, W.B.	LEARNEX-LINES for Small & Big Institutions.	9830569698
Innovation in Polymer Waste Management	Runners- up	Dr. Hoshiyar Singh Dhama; Dr. Bipin C. Joshi , <b>Uttarakhand Residential University</b> Almora, U.K.	Graphene oxide based Li ion/Sulphur battery with replaceable electrodes	9412092611 9927261379
		& Dr. R.P.Joshi, <b>RI Instruments &amp; Innovation India,</b> Haldwani, U.K.		7983555425
Innovation in Packaging Techniques including creative Design	<b>Winner</b>	Dr. Smita Mohanty, Dr. Sonalee Das <b>CIPET:SARP-Bengaluru, KIADB Building,</b> Bengaluru, Karnataka &	Development of eco-friendly green polyurethane foam based on non HCFC and low GWP blowing agents	9338053123 9776670053
		Mr. Indrajeet Singh, <b>CIPET: SARP-LARPM,</b> Bhubaneswar		7978084340
Polymers in Public Health Care	<b>Winner</b>	Dr. Swati Shukla, <b>BiolMed Innovations Pvt. Ltd.,</b> Pune, Maharashtra	Novel biopolymer based osteoconductive bone graft substitutes for osteoporotic fractures	9823173443

	Runners- up	Dr. Lakshminarayanan Ragupathy & Dr. Rajmohan Gopimohan, <b>HLL Lifecare Limited,</b> Trivandrum, Kerala	Graphene incorporated natural rubber latex nanocomposite thin films: A potential way towards next generation condoms	9567510983 9995014141
Research in the field of Polymer Science & Technology (for Research Students of Academic Institute / Research lab)	Runners- up	Mr. Sachhidananda S, Dr. Siddaramaiah, Mrs. Shilpa K N, <b>Sri Jayachamarajendra College of Engineering</b> & Dr. Nithin K S, Mr.Jagajeevanraj B M, <b>The National Institute of Engineering</b> Mysore, Karnataka	Polymer Based UV active Spectral Converters with Multiple Functionalities for Improved Photon Harvesting Applications	9741540591 9845473183 9972929781  9035903600 9972095262
	Runners- up	Mr. Simanta Doley & Dr. Swapan K. Dolui, <b>Tezpur University,</b> Assam	Development of vegetable oil-based non-isocyanate polyurethane through CO2 insertion and its coating application: Green methodology with mitigation of greenhouse gas	8486605905 8721812796