

Government of India, Department of Chemicals & Petrochemicals has announced in April 2007 an Award scheme to incentivize meritorious innovations and inventions in the field of Polymeric Materials, Products Processes and other area of national and social importance. The polymeric applications has already penetrated in all walks of life including various manufacturing sectors for conservation of natural resources and energy efficiency etc. This innovation award scheme will motivate the inventors to carry out innovative Research & Development in the areas of petrochemicals industry, which in turn will improve performance /quality of the existing product. The department had implemented the scheme thru' CIPET and consequently awarded Seven National Awards. For the current year 2017-18, online/offline applications for the 8<sup>th</sup> National Awards are invited.

**Prize Award :** Each category will have One Winner with cash award of Rs.3.00 Lakhs. Categories 1, 3 & 6 will have One Runner-up & Categories 2, 4 & 5 will have two Runner-up each with cash award of Rs.1.00 Lakh.

Online / Offline Applications  
should reach us on or before

**30<sup>th</sup> November 2017**



**ORGANIZED BY:**

**POLYMER DATA SERVICES (PDS)  
CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY (CIPET)**

TVK Industrial Estate, Guindy,  
Chennai-600 032. Tamil Nadu, India  
Tel.: 044-22254780

Mob : 7338804401, 7338804402, 9176671504

Email : pdscipet@gmail.com, pds@cipet.gov.in

For Details Visit : [www.pds.gov.in](http://www.pds.gov.in), [www.cipet.gov.in](http://www.cipet.gov.in) & [www.chemicals.nic.in](http://www.chemicals.nic.in)



**Government of India**  
**Ministry of Chemicals & Fertilizers**  
**Department of Chemicals & Petrochemicals**



**8<sup>th</sup>**

**National Awards**

for Technology Innovation in Petrochemicals &  
Downstream Plastics Processing Industry (2017-18)





**Applications are Invited from  
Individual, Team, Cottage, Micro, Small, Medium,  
Large Scale Industry, Academic, R & D Institution etc..  
for the following 6 Categories**

## 1. New Polymers

- ✓ Innovation in Polymers, Blends & Alloys, filled materials, fibers.
- ✓ Composites and Nano composites, Smart Materials etc.
- ✓ Non conventional application / Replacement of conventional materials (eg. Metals, ceramics etc.).

## 2. New Applications of Polymers in various fields

- ✓ New / creative product design.
- ✓ Modification of product design for performance improvements.
- ✓ Enhancement in the working environment, Lifecycle, Energy Efficiency, Recyclability, etc.

## 3. New polymer Processing Machines including Energy Efficiency

- ✓ Development of new processing techniques.
- ✓ Modification of machinery for higher efficiency / productivity / Automation.
- ✓ Energy conservation, product quality improvement.
- ✓ Improvement in moulds, dies and auxiliary equipments.

## 4. Innovation in Polymer Waste Management & Recycling

- ✓ Newer technology in plastic waste utilization into products/energy recovery.
- ✓ Recycling Technology.
- ✓ Plastic waste collection, segregation techniques.
- ✓ Product design for improved recyclability.

## 5. Green / Bio-degradable Polymer

- ✓ Biopolymers.
- ✓ Biodegradable / compostable Polymers.
- ✓ Time controlled degradation.
- ✓ Green material filled polymers.
- ✓ Biodegradability evaluation techniques

## 6. Innovation in packaging

- ✓ Emerging Packaging Technologies.
- ✓ Creative Design for improved recyclability.
- ✓ Packaging for improved shelf life
- ✓ Consumer Convenience.
- ✓ Stability on Shelves for easy storage.

