

Director of Research NAU <dr@nau.in>

7th National Awards for Technology Innovation - Reg.

1 message

Sohel-CIPET <s.sohel@pds.gov.in>

Thu, Jul 14, 2016 at 12:45 PM

Dear Sir/ Madam
14.07.2016

Sub: 7th National Awards for Technology Innovation - Reg.

Greetings

The Administrative Ministry, Department of Chemicals and Petrochemicals under Ministry of Chemicals and Fertilizers, Govt. of India has announced 7th National Awards (2016-17) for Technology Innovation and had assigned the job of organizing the same to CIPET as done during the previous years to incentivize meritorious innovations in various fields of Polymers.

In this regard, we are pleased to announce that the applications may be submitted through online/offline mode. Kindly visit our web portal www.pds.gov.in for more information. It is our earnest request that the polymer, chemical & petrochemical fraternity shall make use of this golden opportunity.

After completion of online registration process, kindly send us the signed hard copy of certificate of undertaking to the below mentioned address.

Those using the offline mode shall take print of the duly filled in application along with certificate of undertaking and send it to the below address.

To,

7th National Awards for Technology Innovation

Polymer Data Services (PDS) - CIPET

IPFT-Campus, Sector 20, Udyog Vihar, Phase-III,

NH-8, Opposite Ambience Mall,

Gurgaon -122016 (Haryana), India.

Phone no:0124-2340408/12/59/56

We are enclosing herewith the e-brochure of "7th National Awards for Technology Innovations in Petrochemicals and Downstream Plastics Processing Industry"

Last date for submitting application 31st October 2016

With kind regards

Request you to please circulate in your concern Department / Company / Individual.

on

14
website

16/7

SAIYED SOHEL AHMED,
POLYMER DATA SERVICES (PDS)-CIPET,
(Department of Chemicals & Petrochemicals,
Ministry of Chemical & Fertilizer, Govt. of India)
IPFT-Campus, Sector 20, Udyog Vihar,
NH-8, Opposite Ambience Mall,
Gurgaon -122016

Director of Research & Dean P.O.S.
H.A. No. 11
INWA : 7165
DATE : 16/7/16

Mobile : 08826691102

Tel: 0124-2340412 (Direct), 0124-2340459 (Reception)

Website: www.pds.gov.in / E-mail: s.sohel@pds.gov.in

 **brochure.pdf**
1873K

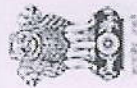
Government of India
Ministry of Chemicals & Fertilizers
Department of Chemicals



Ministry of Chemicals & Fertilizers
Government of India
Ministry of Chemicals & Fertilizers
Department of Chemicals
New Delhi
India

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 Six National Awards. For the current year 2016-17, online / offline applications for the 7th National Awards are invited.

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



Online / Offline Applications
should reach us on or before

31st October 2016



7th National Awards

for Technology Innovation in Petrochemicals &
Downstream Plastics Processing Industry (2016-17)

ORGANIZED BY:

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

IPFT Campus, Sector- 20, Udyog Vihar, NH-8,

Opp-Ambience Mall, Gurgaon -122016 (Haryana) India

Ph: 0124-2340459/56

Email: pds.gurgaon@pds.gov.in

For Details Visit: www.pds.gov.in, www.cipet.gov.in &

www.chemicals.nic.in



Applications are Invited from

Individual / Team

Cottage / Micro / Small / Medium / Large Scale Industry

Academic / R&D Institution

For 1-7, Sub-Categories are:

(i) Individual / Team (ii) Industry (iii) Academic / R & D Institutions



5 Polymers in Agriculture and Water Conservation

- > Water transportation, mulching, canal lining, Drip irrigation, Sprink system, Low Tunnels, Poly house etc
- > Controlled release system for fertilizer, pesticides, micro nutrients, etc.
- > Innovative packaging for agriculture, floriculture and horticultural produce
- > Controlled permeability films & packaging for improved shelf life
- > Novel Usage of plastics for food security

6 Polymers in Public Health Care

- > Affordable / cost effective implants, implements and devises
- > New innovative products for medical application
- > Polymer based new drugs delivery system
- > Polymer body implants
- > Drinking water storage & transportation
- > Polymer membrane for water purification /Desalination
- > Devices for waste water, drainage, sewage treatment system

7 Research in the field of Polymer Science & Technology (for Researchers working in Academic Institute / Research lab)

- > Individual / Team of researchers in R & D Institutions & laboratories
- > Original research work in polymeric materials processing etc. leading to prototype development & future industrial applications

8 Innovation in Petrochemicals and Newer Polymer Applications

Sub-categories are:

(i) Micro / Cottage Industries (ii) Small / Medium Industries (iii) Large Scale Industries

- > Petrochemicals & newer polymer applications in any field to enhance the working environment, Life cycle, Energy efficiency, Re-cyclability etc.



1 Innovation in Polymeric Materials

- > New Polymers, Blends & Alloys, Filled materials, Fibers, Polymer Composites and Nano composites, Smart Materials etc.

2 Innovation in Polymeric Products

- > New / creative product design
- > Non conventional application / Replacement of conventional materials (eg. Metals, Ceramics etc.)
- > Modification of product design for performance improvements

3 Innovation of Polymer Processing Machinery & Equipments

- > 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 Technology and Green Polymeric Materials & Products

- > Newer technology in plastic waste utilization into products/energy recovery
- > Recycling Technology
- > Plastic waste collection, Segregation techniques
- > Product design for improved recyclability
- > Biopolymers
- > Biodegradable / Compostable Polymers
- > Time controlled degradation
- > Green material filled polymers
- > Biodegradability evaluation techniques