

## REGISTRATION FORM

### Advanced Polymeric Materials

29<sup>th</sup> February-3<sup>rd</sup> March, 2016

Name: \_\_\_\_\_

Academic qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Pin: \_\_\_\_\_

Telephone: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Accommodation needed: **Yes**      **No**

I will attend: (please indicate)

Workshop-I , Workshop-II , Both

Signature of the applicant

Signature and seal of forwarding authority  
(HoD/Registrar/ Director)

## Workshop Faculty

**Prof. B.L. Deopura**  
**Prof. S. N. Maiti**  
**Prof. Veena Choudhary**  
**Prof. Anup K. Ghosh**  
**Dr. Leena Nebhani**  
**Dr. Sampa Saha**  
**Eminent experts from other institutes  
and industry**



Check [www.cpse.iitd.ac.in](http://www.cpse.iitd.ac.in) for  
further details

### Contact

**Prof. Anup K. Ghosh**  
**Head, Centre for Polymer Science  
and Engineering**  
and  
**Coordinator, Centre for Excellence  
for Advanced Polymer Materials**

Indian Institute of Technology Delhi  
Hauz Khas, New Delhi, 110016, India  
Tel: 011-26596659, 26591424  
Email: [hod@polymers.iitd.ac.in](mailto:hod@polymers.iitd.ac.in)

**Indian Institute of Technology Delhi**  
**Twin-workshop on**

**Advanced Polymeric Materials**  
**(29<sup>th</sup> February-3<sup>rd</sup> March, 2016)**

*Organized by*

**Centre for Polymer Science and  
Engineering, IIT Delhi**



*Under the umbrella of  
Centre for Excellence Awarded by  
the Ministry of Chemicals & Fertilizers,  
Department of Chemicals &  
Petrochemicals, Govt. of India*

Coordinators:

**Dr. B. K. Satapathy**  
**Workshop-I: Processing of  
Advanced Polymeric Materials**

**Dr. J. Jacob**  
**Workshop-II: Characterization of  
Advanced Polymeric Materials**

Tel.: 011-2659-6043/011-2659-1425  
E-mail: [bhabani@polymers.iitd.ac.in](mailto:bhabani@polymers.iitd.ac.in)  
[jacob@polymers.iitd.ac.in](mailto:jacob@polymers.iitd.ac.in)  
Mobile no- 9968368070, 9911061890

## Introduction

The twin workshop brings together experts, researchers, teachers and students from academic and research organizations interested and active in the area of advanced polymeric materials. The workshops would focus independently on two very critical aspects related to polymeric material development and characterization.

## About the workshop

**Workshop I:** The workshop will deal with concepts related to various processing and compounding techniques including micro compounding, micro injection molding, micro cellular foams and film blowing. Demonstrations on micro-compounding, micro injection molding and film blowing set up would also be included.

**Workshop II:** In this workshop, we aim to cover modern techniques of material characterization focusing on electromagnetic interference shielding, differential scanning calorimetry and thermogravimetric analysis. The workshop will also include hands on training using vector network analyzer, DSC and TGA.

## Who should attend?

Polymer material scientists, polymer researchers, engineers, relevant industry personnel, scholars, academicians involved in polymer research and product development can attend the workshop.

## Workshop-I: Processing of Advanced Polymeric Materials

29<sup>th</sup> February, 2016 (Monday)

- *Advanced polymer materials for high value applications*
- *Advanced compounding techniques in polymer processing*
- *Rheology in processing of advanced polymeric materials*
- *Demonstration on Extrusion and Film blowing*

1<sup>st</sup> March, 2016 (Tuesday)

- *Microcellular processing of polymers for advanced applications*
- *Demonstration on Micro compounding and Micro injection molding*
- *Summarizing of Workshop I*



## Important dates

The maximum number of participants will be restricted to 30. The last date for receiving the completed application form is **February 15, 2016**. The selected participants will be intimated by **February 18, 2016**

## Workshop-II: Characterization of Advanced Polymeric Materials

2<sup>nd</sup> March, 2016 (Wednesday)

- *Theme Lecture Characterization of Advanced Polymeric Materials*
- *Advanced thermal characterization of polymer materials*
- *Applications of thermal analysis*
- *Demonstration on DSC*
- *Demonstration on TGA*

3<sup>rd</sup> March, 2016 (Thursday)

- *Modern Techniques in Material Characterization*
- *Demonstration on Vector network analyzer*
- *Summarizing of Workshop-II*
- *Closing remarks*

## Workshop Fee Details

The workshop fee can be paid by a cheque/draft drawn in favour of REGISTRAR, IIT DELHI payable at SBI, IIT Delhi as per details given below:

Participant from	Single workshop	Both workshops
Industry	Rs. 4000	Rs. 6000
Academia	Rs. 2000	Rs. 3000

## Boarding and Lodging

Accommodation, upon request, will be arranged for the participants on a twin sharing, on payable basis at the Faculty Guest House of IIT Delhi.