

INTERNATIONAL SHORT TERM COURSE
ON
RECENT ADVANCES IN POLYMERIC
&
RUBBERY MATERIALS

JANUARY 15-19, 2007

We are planning to bind the lecture notes in the form of a book. This will be distributed amongst the participants and also sold after the course. In the past, we received good response from the companies who use this book for education and reference purpose. We are inviting advertisement for the book. The half page advertisement charge will be Rs. 2500/- and for foreign organization \$100. The advertisement will be put in the following format:

With best compliments
from

(Name of company with address)

A copy of the book will be sent to the advertiser free of charge. If you are interested in advertising in the book, please draw the crossed cheques/bank drafts in favour of "CEP-STC, IIT, Kharagpur a/c" payable at Syndicate Bank and send to the following address along with the form given overleaf before December 22, 2006

Dr. Nikhil K. Singha / Dr. Kinsuk Naskar
Rubber Technology Centre
Indian Institute of Technology
Kharagpur 721302
Dist : Midnapore (West)
W.B. INDIA
Fax : +91(0)3222 282292 / 255303
E-mail : nks@rtc.iitkgp.ernet.in



Thermal Analysis Instrument

Please send your entries to :

Dr. Nikhil K. Singha
Dr. Kinsuk Naskar
Rubber Technology Centre
Indian Institute of Technology
Kharagpur 721302
Dist : Midnapore (West)
W.B. INDIA
Phone : +91 (0)3222 283178, 281748 (O)
+91 (0)3222 283179, 281749 (R)
Fax : +91 (0)3222 282292 / 255303
E-mail : nks@rtc.iitkgp.ernet.in
knaskar@rtc.iitkgp.ernet.in



Zwick Tensile Testing Machine

Travel Expenses:
All travel expenses will have to be borne by the participants.

Boarding and Lodging:
Boarding and lodging will be arranged in the CEP guest house located in the campus.

Eligibility:
Candidates should be graduate or equivalent in Science/Engineering/Technology with working experience in polymer and allied industries. Working experience in R&D laboratories, will be preferred.

About Kharagpur:
Kharagpur is about 120 kms. away from Kolkata in the south west direction and is well connected by train services from all parts of the country. During this time of the year, weather is very pleasant. The temperature is around 15°C. It is advised to bring light woolen clothes.

Draft/Cheque :
Draft or Cheque should be drawn in favour of "CEP-STC, IIT Kharagpur, a/c" payable at Syndicate Bank and be sent by registered post to :
Dr. Nikhil K. Singha
Rubber Technology Centre
Indian Institute of Technology
Kharagpur 721302
Dist : Midnapur (West)
West Bengal, INDIA

Phone : +91 (0)3222 283178 (O)
+91 (0)3222 283179 (R)
Mobile : +91 (0)9434369873
Fax : +91 (0)3222 - 282292 / 255303
Gram : Technology Kharagpur
E-mail : nks@rtc.iitkgp.ernet.in

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Coordinators
Dr. Nikhil K. Singha
Dr. Kinsuk Naskar



Rubber Technology Centre
Indian Institute of Technology
Kharagpur 721302
West Bengal, India

Objective:

The synthetic polymers and rubbers are emerging as the materials of choice of the 21st century. Presently the global production of polymers has by far exceeded the production of steel and is estimated to cross 200 million tonnes per year. Now-a-days, polymers have found applications in every sphere of our day-to-day life. Because of several advantages and diverse properties, polymeric and rubbery materials have found interesting applications in advanced areas, for instance, in naval, air-craft, and defence etc. In recent years polymers-based nanocomposites and smart polymers have gained great interest, both in industry and in academia. Thermoplastic elastomers and thermoplastic vulcanizates are also another important thrust area of research because of its versatile applicability. Polymeric biomaterials find significant applications in drug delivery and tissue-engineering etc. Currently, there are new developments in different polymeric as well as rubbery materials, innovative processing techniques, new additives, and novel characterization techniques. Keeping this in mind, the present short-term course has been designed to bring people working in industry, R&D organizations as well as in academics together to demonstrate the state-of-the-art on the subject.

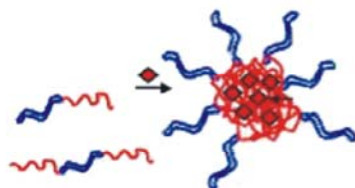


Products made of TPVs

The topics likely to be covered:

- Newly developed polymeric and rubbery materials
- Polymers for novel applications
- Smart polymers
- Polymers in bio-medical applications
- Thermoplastic elastomer and thermoplastic vulcanizates (TPEs & TPVs)
- Novel methods in polymer characterization
- New polymeric composite including nanocomposite
- New additives

This course will comprise of lectures, laboratory demonstration and interactive panel discussions involving experts from academics and industry.



Drug Encapsulated Polymeric Biomaterial

Lectures: Lectures will be delivered by the faculty members of IIT Kharagpur and experts from R&D organizations and industries from India and abroad.

Duration of the Course: Duration of the course will be from January 15 -19, 2007.

Registration: Registration fee of the course for each participant is Rs. 7500/- and for foreign participant is \$250. This fee includes course materials, boarding and lodging expenses as per the continuing education program (CEP) norms of our IIT. The registration form duly filled in and signed by the sponsoring authority should reach the Coordinator by December 22, 2006. Candidates will be selected on "First come, First served basis".

REGISTRATION FORM

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Please complete and return to the address overleaf as soon as possible, but not later than December 22, 2006.

1. Name:
2. Academic Qualification:
3. Designation:
4. Mailing Address:
5. Name and Address of Sponsoring Organization:
6. Details of Registration Fee: Draft/Cheque No. :
7. Signature & Date:
8. Topics in which, the participant / industry will be interested:

Registration Form for Advertisement

Name of the company:

Address of the company:

Name & Position of the person authorizing booking of advertisement:

Phone No:

Fax No:

Cheque/Bank Draft No. & other details:

Signature of Sponsoring Authority

Signature