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Please send your entries to:

Dr. K. Naskar / Prof. N. K. Singha

Rubber Technology Centre Indian Institute of Technology
Kharagpur – 721302
Dist: Midnapore (West) West Bengal, INDIA
Phone: 03222 – 281748, 282292
Fax: 03222 - 282292
E-mail : naskark73@gmail.com, nks8888@yahoo.com



ABOUT KHARAGPUR

Kharagpur is about 120 kms. away from Kolkata in the south west direction and is joined by train as well as by bus services from Kollkata. The weather is very pleasant during September.

DRAFT/CHEQUE

Demand Draft /cheque should be drawn in favour of “CEP-STC, IIT Kharagpur” Payable at Kharagpur and be sent by registered post/courier to:

Dr. K. Naskar / Prof. N. K. Singha

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INTERNATIONAL SHORT TERM COURSE ON TECHNOLOGY UPGRADATION IN RUBBER TECHNOLOGY **TURT-2017**



4-8 September, 2017

Coordinators:
**Dr. Kinsuk Naskar and
Prof. Nikhil K Singha**



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

OBJECTIVE

The last decade has witnessed an explosive development and growth of various technologies in the world. As the modern civilization depends heavily on the use of rubber in defence, aerospace, automotive and electronic industries, there is a great demand on the right elastomeric materials and the best technology. The need for improved elastomer performance such as high temperature stability and improved mechanical strength is well balanced with the need to reduce processing costs. It has become absolute necessary to understand the behaviour of these new materials as well as new techniques for their evaluation. The short term course is aimed at to deal with modern methods of processing and characterization including recent developments in methods, equipments and technologies used in rubber industries. The course will include theory classes followed by practical classes, in laboratory.

Topics likely to be covered in course are:

Basic Rubber Science and Technology

Natural Rubber and Synthetic Rubbers

Thermoplastic Elastomers (TPEs and TPVs)

New Polymers, Blends and Nanocomposites

Characterization by New Techniques

Rubber Compounding, Processing and Vulcanization

Reverse Engineering

Trends in Rubber Products Manufacturing

Applications of Rubbers in Defense

Tyre design and FEM

Sustainability, Environment and Green Technology etc.

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 September 4-8, 2017, which will cover both theory as well as practical classes.

REGISTRATION

Registration fee of the course for each participant is Rs. 10,000/-. This fee includes registration kit and course material including bound volume of all lectures delivered during the course. The registration form duly filled in and signed by the sponsoring authority should reach the Coordinators by 1st August, 2017. Candidates will be selected on "**First come, First served basis**".

TRAVEL EXPENSES

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

BOARDING AND LODGING

Boarding and lodging will be arranged in the guest houses located in the campus on chargeable basis separately.

ELIGIBILITY

Candidates must be graduates in Science/Engineering/Technology with working experience in rubber and allied industries

REGISTRATION FORM

INTERNATIONAL SHORT TERM COURSE *on* TECHNOLOGY UPGRADATION *in* RUBBER TECHNOLOGY TURT-2017

Please complete and return to the address overleaf as soon as possible, but not later than August 1st, 2017

1. Name:
2. Academic qualification:
3. Designation:
4. Mailing address including e-mail:
5. Name and address of sponsoring organization:
6. Details of registration fee: Draft No. :
7. Signature & Date:
8. Topics from the list suggested, where the participant is most interested:

*Signature of
Sponsoring Authority*

SHORT TERM COURSE *on* TECHNOLOGY UPGRADATION *in* RUBBER TECHNOLOGY

4-8 September, 2017

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 full page advertisement charge will be Rs. 10,000/- (Rupees ten thousand only). 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 cheque/bank drafts in favour of "CEP-STC, IIT Kharagpur" payable at Kharagpur and send to the following address along with the form given overleaf before 1st August, 2017

Dr. Kinsuk Naskar / Prof. Nikhil K Singha

Rubber Technology Centre Indian Institute of Technology
Kharagpur – 721302
Dist: Midnapur (West)