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POWERING PROGRESS THROUGH PLASTICS
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EXECUTIVE DEVELOPMENT PROGRAM

Plastic is material consisting of a wide range of synthetic or semi-synthetic organic compounds that are malleable and can be moulded into solid objects. Plastic is truly a remarkable material to work with.

DIFFERENT PROPERTIES: ADVANCE POSSIBILITIES

Who can Attend :

Middle/Senior level executives/Entrepreneurs involved in Production, Quality Control and Purchase



INR 5000/-
EACH MODULE
+GST EXTRA

* Members Discount Applicable



10:00 AM to 5:00 PM



AIPMA House, Plot No. 232, Sector-18, Phase - 4,
Udyog Vihar, Gurugram, Haryana - 122 016.

OBJECTIVE: KNOW YOUR POLYMER Series of Programs

1. Know your Polymer - to understand Basics of Polymers and the structure
2. Know your Polymer - for Processing and Quality
3. Know your Polymer - for Advance Characterization
4. Know your Polymer - for Product Development
5. Know your Polymer - for Packaging
6. Know your Polymer - for Recyclability



For More Information

- | | | | | | |
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EMINENT FACULTY



Dr. A. K. Ghosh
Professor Emeritus
Dept. of Materials Science & Engineering,
Indian Institute of Technology, Delhi, India



Dr. G. Mukhopadhyay



Mr. Mihir Banerjee
Secretary General & Co-ordinator
Plastics Packaging Research &
Development Centre



Mr. Vijay Gupta
Director
LKC Moulding Solutions Pvt. Ltd.



Mr. Kuldeep Mathur
Sr. General Manager
Autotech Sirmax India Pvt Ltd.
(Tisco Group)



Prof. Leena Nebhani
Prof. Leena Nebhani,
Associate Professor, Department
of Materials Science and Engineering,
Indian Institute of Technology Delhi



Dr. Sumit Singh
Anton Paar India



Mr. Mayank Varshney
Anton Paar India



Dr. Kartik Pondicherry
Anton Paar India



PLASTIVISION
INDIA | 2023 | MUMBAI
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MODULE I (3RD - 4TH MARCH, 2023)

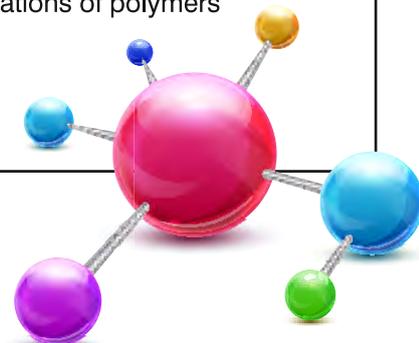
BASICS OF POLYMERS - STRUCTURE, PROPERTY & ADVANCE APPLICATIONS

DAY 1

Session 1 - Plastics-All about the structure
Session 2 - Properties of Polymers & Applications (Commodity Polymers)
Session 3 - Properties of Polymers & Applications (Engineering Polymers)
Meet the faculty (Q&A)

DAY 2

Session 4 - Co-relating Structure and Properties
Session 5 - Innovative applications of polymers
Hands on Experience



FACULTY MEMBERS:

Dr. Anup K Ghosh
Dr. G. Mukhopadhyay
Mr. Mihir Banerjee

MODULE II (24TH – 25TH MARCH, 2023)

UNDERSTANDING PROCESSING OF POLYMER FOR BETTERMENT OF QUALITY

DAY 1

Session 1 - Understanding processing of polymers
Session 2 - Analysis of extrusion based processing operations
Session 3 - Analysis of moulding based processing operations
Meet the faculty (Q&A)

DAY 2

Session 4 - Understanding – Rheology for better processibility
Session 5 - Performance Properties and Quality of product
Hands on Experience



FACULTY MEMBERS:

Dr. Anup K Ghosh
Mr. Vijay Gupta
Mr. Kuldeep Mathur

MODULE III (21ST - 22ND APRIL, 2023)

ADVANCED CHARACTERIZATION

DAY 1

Session 1 - An advanced characterization tool for polymers
Session 2 - Chemical Characterization of Polymers by Fourier Transform Infrared Spectroscopy
Session 3 - Thermal Characterization of Polymers by Differential Scanning Calorimetry and Thermogravimetric analysis

DAY 2

Session 4 - Need for Rheology in Polymeric Materials, instruments and Measurements
Session 5 - Dynamic Mechanical Analysis & measurements
Session 6 - Rheological Techniques along with Tribology
Demo at Anton Paar Head office Gurgaon, Characterization Division

FACULTY MEMBERS:

Dr. Anup K Ghosh
Dr. Sumit Singh
Mr. Mayank Varshney
Dr. Kartik Pondicherry
Prof Leena Nebhani

