

TWO WEEKS INTERNATIONAL RESIDENTIAL TRAINING PROGRAMME ON ADVANCES IN FOOD AND PHAMACEUTICAL PACKAGING

Under Indian Technical and Economic Cooperation (ITEC)
Ministry of External Affairs (MEA), Govt. of India

Tentative Course Content

Time	Topic
Day 1	
10:00 am - 11:00 am	Inauguration
11:00 am - 11:30 am	Tea/ Coffee
11:30 am - 01:00 pm	Introduction on Packaging Technology
01:00 pm - 2:00 pm	Lunch
2:00 pm- 3:30 pm	Principles and Concepts of Packaging Technology
3:30 pm- 4:00 pm	Tea/Coffee
4:00 pm - 5:00 pm	Types of Packaging Materials for Food and Pharma Products
5:00 pm - 6:00 pm	Importance of Design in Packaging
Day 2	
10:00 am - 11:30 am	Paper - Raw Materials, Manufacturing Processes and Types of Paper Packaging for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Plastics - Raw Materials and Types of Plastic for Food and Pharma Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Folding Board Carton & its Designing for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	CFB Box – Raw Materials, Manufacturing Processes for Food and Pharma Products
Day 3	
10:00 am - 11:30 am	Manufacturing Processes, Structure and Property of Plastics for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Anti-Counterfeiting Approaches in Packaging for Food and Pharma Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Packaging of Beverages, Milk, Juices etc.
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Sustainable Food Packaging Materials
Day 4	

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Factory Visit	
Day 5	
10:00 am - 11:30 am	Smart Packaging Technologies for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Various Films and Application of Laminates for Food and Pharma Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Advances in Packaging Machineries for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Glass Containers – Raw Materials, Manufacturing Process and Application for Food and Pharma Products
Day 6	
10:00 am - 11:30 am	Different Printing Processes for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Laboratory Visit - Practical on Testing of CFB Box, Paper & Composite Containers
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Cushioning Materials and Designing of Packaging for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Packaging Technologies for Tracking and Tracing of Food and Pharma Products
Day 7	
10:00 am - 11:30 am	Label & Labelling for Process for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Multilayer Films in Packaging and their properties for Food and Pharma Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Packaging Standards and Regulations for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Metal Containers – Tinsplate Containers and Manufacturing Processes for Food and Pharma Products
Day 8	

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Industrial Visit	
Day 9	
10:00 am - 11:30 am	Testing and Evaluation of Transport Packaging for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Packaging of Fresh, Frozen and Processed Food Products
01:30 pm - 2:30 pm	Lunch
2:30 pm - 4:00 pm	Visit to Transport Laboratory at IIP Delhi
4:00 pm - 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Shelf Life Studies of Food Products
Day 10	
10:00 am - 11:30 am	Quiz
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm onwards	Valedictory Session