

TWO WEEKS INTERNATIONAL RESIDENTIAL TRAINING PROGRAMME ON FOOD AND PHARMACEUTICAL PACKAGING & GLOBAL COMPLIANCES

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 for Food and Pharma Products
01:00 pm - 2:00 pm	Lunch
2:00 pm- 3:30 pm	Principles of Food & Pharma Packaging and its Role in Safety and Management
3:30 pm- 4:00 pm	Tea/Coffee
4:00 pm - 5:00 pm	Types of Food Packaging Materials for Food and Pharma Products
5:00 pm - 6:00 pm	Importance of Design in Food Packaging for Sustainability, Case Studies & Industry Practices for Food and Pharma Products
Day 2	
10:00 am - 11:30 am	Paper - Raw Materials, Manufacturing Processes and Types of Paper 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 in Food & Pharma Packaging, Plastic Packaging Pollution, Microplastics and contaminants
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Smart Packaging Technologies for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Various Films and Application of Laminates 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	Laboratory Visit - Practical on Testing of CFB Box, Paper & Composite Containers
01:30 pm - 2:30 pm	Lunch

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2:30 pm- 4:00 pm	Anti-Counterfeiting Approaches for Food and Pharma Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Manufacturing Processes of Materials for Food and Pharma Products
Day 4	
10:00 am - 11:30 am	Folding Board Carton & its Designing for Food and Pharma Products
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	CFB Box- Raw Materials, Manufacturing Processes for Food and Pharma Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Advances in Packaging Machineries for Food Packaging
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Glass Containers- Raw Materials, Manufacturing Processes for Food and Pharma Products
Day 5	
Factory Visit	
Sunday	
Local Tour	
Day 6	
10:00 am - 11:30 am	Different Printing Processes for Food Packaging and Global Compliance
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Visit to Transport Laboratory at IIP Delhi for Transport Worthiness Testing of Export Packaging
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	End of Line Solution Processes 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 Packaging
Day 7	
10:00 am - 11:30 am	Label & Labelling for Process of Food Packaging and Regulations & Compliance
11:30 am - 12:00 am	Tea/ Coffee

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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	Global Packaging Standards and Regulations for Food and Pharma Packaging Materials, Machineries and System
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Metal Containers- Tinplate Containers and Manufacturing Processes for Food and Pharma Products
Day 8	
	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 Milk and Dairy Products
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Packaging of Fresh, Frozen and Processed Food Products
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Vial, Ampoule and other Pharma Packaging Materials
Day 10	
10:00 am - 11:30 am	Quiz
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm onwards	Valedictory Session