

TWO WEEKS INTERNATIONAL RESIDENTIAL TRAINING PROGRAMME ON ADVANCES IN E-COMMERCE AND LOGISTICS IN 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 e-Commerce and Logistics
5:00 pm - 6:00 pm	Importance of Design in Packaging for e-Commerce and Logistics
Day 2	
10:00 am - 11:30 am	Paper - Raw Materials, Manufacturing Processes and Types of Paper Packaging for e-Commerce and Logistics
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Plastics - Raw Materials and Types of Plastic for e-Commerce and Logistics
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Folding Board Carton & its Designing for e-Commerce and Logistics
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	CFB Box – Raw Materials, Manufacturing Processes for e-Commerce and Logistics
Day 3	
10:00 am - 11:30 am	Manufacturing Processes, Structure and Property of Plastics for e-Commerce and Logistics
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Anti-Counterfeiting Approaches in Packaging for e-Commerce and Logistics
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Sustainable e- Commerce Practices in Logistics and Packaging
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	End of line Solution and EPR

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Day 4	
	Factory Visit
Day 5	
10:00 am - 11:30 am	Smart Packaging Technologies for e-Commerce and Logistics
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Various Films and Application of Laminates for e-Commerce and Logistics
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Advances in Packaging Machineries for e-Commerce and Logistics
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Glass Containers – Raw Materials, Manufacturing Process and Application for e-Commerce and Logistics
Day 6	
10:00 am - 11:30 am	Different Printing Processes for e-Commerce and Logistics
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 e-Commerce and Logistics
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Packaging Technologies for Tracking and Tracing in e-Commerce and Logistics
Day 7	
10:00 am - 11:30 am	Label & Labelling for Process for e-Commerce and Logistics
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm - 01:30 pm	Multilayer Films in Packaging and their properties for e-Commerce and Logistics
01:30 pm - 2:30 pm	Lunch
2:30 pm- 4:00 pm	Packaging Standards and Regulations for e-Commerce and Logistics
4:00 pm- 4:30 pm	Tea/ Coffee
4:30 pm - 6:00 pm	Metal Containers – Tinsplate Containers and Manufacturing Processes for e-Commerce and Logistics

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Day 8	
	Industrial Visit
Day 9	
10:00 am - 11:30 am	Testing and Evaluation of Transport Packaging for e-Commerce and Logistics
11:30 am - 12:00 am	Tea/ Coffee
12:00 am - 01:30 pm	Circular Economy in Packaging
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	Automation and Robotics in Packaging for e-Commerce and Logistics
Day 10	
10:00 am - 11:30 am	Quiz
11:30 am - 12:00 am	Tea/ Coffee
12:00 pm onwards	Valedictory Session