



# Certificate in Food Packaging

(1-Month • Hybrid Mode • First-Ever at IIP)



## ✦ Key Learnings ✦

(Includes a Government-Issued Certificate)

- Understand the essentials of food packaging
- Choose the right materials and technology
- Learn key food safety & labelling requirements
- Know how packaging influences shelf life & quality
- Explore sustainable & modern packaging solutions



**Apply now**

**<https://forms.gle/QKp7qrqrY3bPMguq6>**



**HURRY UP!!!!**

**LIMITED SEATS AVAILABLE**



**CONTACT US**



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# CERTIFICATE IN FOOD PACKAGING

A One-Month Intensive Course for Students & Food Start-up's  
(Tentatively from 19-01-2026 to 18-02-2026)

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## COURSE OVERVIEW

This intensive one-month course equips students, early-stage entrepreneurs, and start-up founders with the essential knowledge and hands-on understanding required to develop safe, market-ready, and innovative food packaging solutions.

The course focuses on practical skills, material selection, food safety, shelf-life extension, labelling, and cost-effective packaging strategies tailored for small businesses and new product development.

By the end of the course, learners will be able to:

- Understand the fundamentals of food packaging science.
  - Identify and select appropriate materials for different food products.
  - Apply food safety regulations and mandatory labelling requirements.
  - Evaluate packaging for shelf life, quality, and consumer appeal.
  - Integrate sustainability and innovative technologies in packaging.
  - Make packaging decisions suited for small-scale production and start-up constraints.
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## TARGET PARTICIPANTS

- UG/PG students from any stream.
- Start-ups, food entrepreneurs and home-scale businesses developing new food products.
- Individuals aspiring to enter the food processing and packaging sector.
- Working Professionals.



# COURSE DURATION & MODE

Duration	Mode	Session duration
One month	Hybrid (Onsite sessions at IIP Bengaluru for interested participants)	<ul style="list-style-type: none"><li>• 5 sessions/week</li><li>• 3 hours/session</li></ul>
Class timings	Learning Components	Optional On-Site Component*
2:00 PM – 5:00 PM IST	Live lectures, demonstrations, interactions, Q&A	1–2 days hands-on exposure at IIP Bengaluru

\*Subject to interest of participants in visiting the centre

## FEE DETAILS

Course Fees	GST (18%)	Total Fees
₹. 10,000	₹. 1,800	₹. 11,800/-

- Overseas participants: USD 200
- Fees payable before course commencement

# SYLLABUS

## Module 1: Introduction to Packaging

- Role and importance of packaging in food safety
- Functions of packaging (protection, preservation, communication)
- Levels of packaging for food (Primary/Secondary/Tertiary)
- Market overview: retail vs. export packaging needs

## Module 2: Food Packaging Materials & Their Applications

- Paper, Boards, Polymer Films, Plastics, Glass, Metal
- Flexible vs. Rigid packaging
- Barrier properties (Moisture, Oxygen, Light)
- Packaging for bakery, snacks, spices, beverages, dairy, & ready-to-eat foods
- Choosing cost-effective, start-up-friendly materials

## Module 3: Food Safety, Regulations & Labelling

- FSSAI requirements
- Mandatory declarations
- Shelf-life and date coding
- Packaging and food safety hazards
- Migration, contamination & safe material selection
- Nutritional panel, allergen labelling, claims

## Module 4: Packaging Design

- Branding elements for food products
- Colour, typography, layout and consumer appeal
- Designing for retail shelves & ecommerce
- Low-cost design tools for start-ups
- Mistakes to avoid in food labelling





## **Module 5: Packaging Technologies & Shelf-Life**

- MAP (Modified Atmosphere Packaging)
- Vacuum packaging
- Cold chain packaging
- Understanding shelf-life testing methods
- Small-scale technologies for start-ups

## **Module 6: Sustainability & Innovations in Food Packaging**

- Compostable & biodegradable materials
- Recyclability & environmental compliance
- Eco-friendly alternatives for small businesses
- Smart packaging trends (QR-based traceability, freshness indicators)

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# **ASSESSMENT**

- Online Quiz – 100 Marks
- Minimum 75% attendance
- 50% overall score is required for certification

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# **CERTIFICATION**

All successful participants will receive a “Certificate in Food Packaging” awarded by the Indian Institute of Packaging (IIP).

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# **CANCELLATION POLICY**

- Before course commencement – 10% fee forfeited
  - After commencement – No refund.
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# Meet our Esteemed Faculty



**Prof. (Dr.) Tanweer Alam**  
Addl. Director  
IIP Delhi



**Sh. Harish Kumar R K**  
Regional Officer  
IIP Bengaluru



**Prof. Rajeswar S Matche\***  
Chief Scientist  
CSIR - CFTRI, Mysuru



**Dr. M Kanchana**  
Associate Professor  
Anna University, Chennai



**Sh. Karthick S Sundaram**  
Founder  
Gusteau Foods Pvt. Ltd. Chennai

**\*Subject to confirmation.**

**The proposed faculty list is indicative, and additional resource persons may be incorporated.**



# DEMONSTRATION & TRAINING FACILITIES AT IIP BENGALURU

## Bridging Learning with Real-World Packaging

### Highlights

- ✓ Interactive Learning Sessions
- ✓ Live Demonstration Facilities
- ✓ Hands-On Training Programs

### State-of-the-Art Amenities

- ✓ Well-Equipped Conference Hall
- ✓ Smart Classrooms
- ✓ Laboratories with Advanced Machineries
- ✓ Packaging Materials Display Area

### Why Choose IIP Bengaluru?

- ✓ Experienced faculty & Industry experts
- ✓ Industry-centric Curriculum and Services
- ✓ Commitment to Global Packaging Standards



# CATCH A GLIMPSE OF FOOD PACKAGING MACHINERIES

Experience Efficiency, Precision, and Performance..



**Modified  
Atmospheric  
Packaging (MAP)**



**Vertical Form Fill Seal  
Machine (VFFS)  
Dry Products**



**Vertical Form Fill Seal  
Machine (VFFS)  
Wet Products**



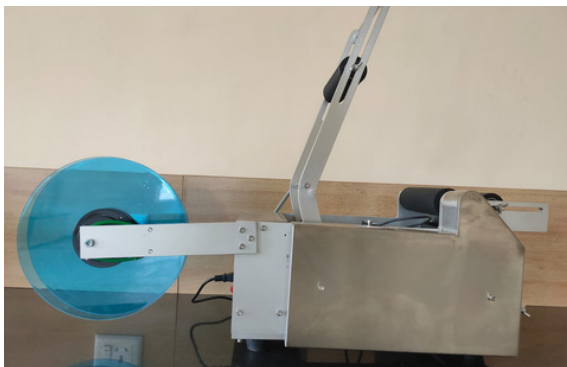
**Vacuum  
Packaging  
Machine**



**Shrink Wrapping Machine**



**Horizontal Form Fill Seal Machine (HFFS)**



**Manual Labelling Machine**



**Continuous Inkjet Printer**





सत्यमेव जयते

Department of Commerce  
Ministry of Commerce and Industry  
Government of India



भारतीय पैकेजिंग संस्थान  
Indian Institute of Packaging

An autonomous body under the Ministry  
of Commerce & Industry, Govt. of India

Bengaluru Centre



### CONTACT US

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