

Packaging for Better Living



भारतीय पैकेजिंग संस्थान  
Indian Institute of Packaging

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

**Ahmedabad Centre**

# ACTIVITIES IIP- AHMEDABAD



# INTRODUCTION

Indian Institute of Packaging (IIP) is an autonomous body in the field of packaging and working under the administrative control of the Ministry of Commerce and Industry, Government of India. The Institute was established on 14th May, 1966 with its headquarter and principal laboratories in Mumbai. The Institute set up its first branch office at Chennai in 1971, followed by branches at Kolkata, Delhi, Hyderabad and Ahmedabad in 1976, 1986 and 2006, 2016 respectively.

With the financial assistance of the Ministry of Commerce and Industry, Govt. of India, IIP has established laboratories with state-of-the art equipments, Training Halls, Library and Administrative office at Ahmedabad.



## Training Facilities:

### Three Months Certificate Course

This course is accredited to Asian Packaging Federation (APF) and endorsed by World Packaging Organization (WPO).

### One Day to One Week Training Programme

This programme is specially designed for working executives as well as professionals who want to update their knowledge in the field of packaging.

### In-plant Training Programme

This is a specialized programme to suit customer requirements and is conducted at customer's end.



Conference Hall

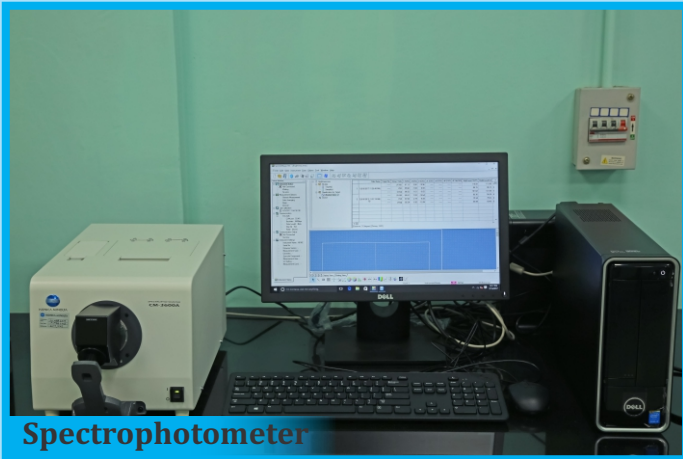


Training Hall

# Testing Facilities

The laboratories at Indian Institute of Packaging, Ahmedabad are equipped with state-of-the-art equipment for testing of packaging materials and packages. Testing facilities includes:

- Boxes – Corrugated fibre board Boxes, Wooden Boxes.
- Bags – Multilayer paper, Jute bag, Plastic woven sacks, plastic bag, cloth bag, etc.
- Composite Containers
- Ancillary Packaging Materials – Caps & Closures, pressure sensitive tapes, cushioning materials, etc.



**Spectrophotometer**

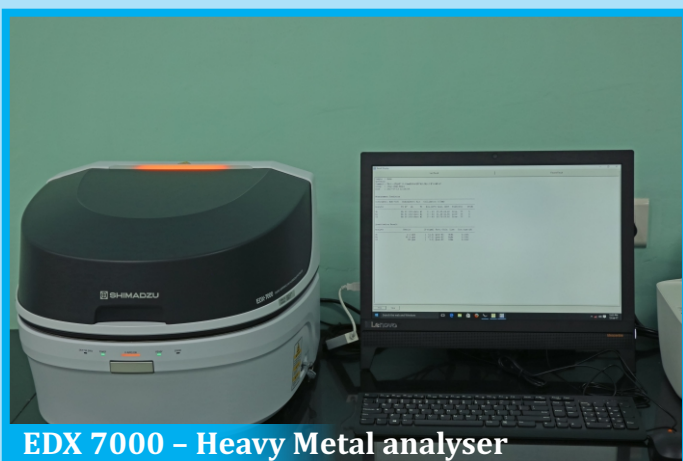
- Paper – Kraft Paper, Writing paper, Coated paper, Copier paper.
- Paper board – Duplex board, Triplex board, all types of coated board, etc.
- Plastic Films – Monolayer and Multilayer plastic film
- Plastic Laminates – laminates with different combinations.



**Universal Testing Machine**



**UV Tester**



**EDX 7000 – Heavy Metal analyser**



**Gelbo Flex Tester**

## Consultancy Services:

- Package design development
- Cost-effective packaging for domestic and overseas distribution
- On-the-spot advisory visits
- Techno-economic feasibility studies

## IIP AHMEDABAD

1st Floor, CFC Building, Apparel Park,  
GIDC, Khokhra, Ahmedabad 380021

Tel: +91 079 22930200,

Mob. +91 9586494842

Email: [iipahmedabad@iip-in.com](mailto:iipahmedabad@iip-in.com),

Website: [www.iip-in.com](http://www.iip-in.com)



## HEAD OFFICE:

Plot E-2, Road No. 8, MIDC Area, Andheri East,  
Mumbai 400093.

Tel : 91-22-2821 9803 / 6751 / 9469,

Fax : 91-22- 28328178 / 28375302

E-mail: [iip@iip-in.com](mailto:iip@iip-in.com), URL: [www.iip-in.com](http://www.iip-in.com)



## IIP CENTRES

### DELHI



Plot No. 21, Functional Industrial  
Estate, Patparganj,  
Opp. Patparganj Bus Depot,  
Delhi – 110 092.

Tel: 011-22166703-05

Fax: 011-22169612

E-mail: [iipdelhi@iip-in.com](mailto:iipdelhi@iip-in.com)

### CHENNAI



Plot 169 Industrial Estate,  
Perungudi,  
Chennai - 600 096.

Tel: 044-2496 0730 / 24961560

Fax: 044 - 24961077

E-mail: [iipchennai@iip-in.com](mailto:iipchennai@iip-in.com)

### KOLKATA



Block CP-10, Sector-V, Salt Lake,  
Bidhan Nagar,  
Kolkata – 700 091.

Tel: 033-23670763/23676016

Fax: 033-23679561

E-mail: [iipkolkata@iip-in.com](mailto:iipkolkata@iip-in.com)

### HYDERABAD



Lux - 3, Industrial Centre,  
Sanath Nagar,  
Hyderabad - 500 018.

Tel: 040-23814321

Fax: 040-2370 7148

E-mail: [iiphyd@iip-in.com](mailto:iiphyd@iip-in.com)

## Proposed Branches

● Kakinada (AP) ● Bangalore ● Guwahati

## TESTING FACILITIES AVAILABLE AT IIP AHMEDABAD

### 1. Paper & Paper Board

Sr. No.	Test	Testing Charges* (INR)
1.	Grammage	500
2.	Bursting Strength	550
3.	Burst Factor	700
4.	Burst Index	700
5.	Tear Strength	550
6.	Tear Factor	700
7.	Tear Index	700
8.	Tensile Strength & Elongation	700
9.	Tensile Index	900
10.	Breaking Length	700
11.	Ash Content	600
12.	Moisture Content	550
13.	Ring Crush Test	600
14.	Smoothness	550
15.	Porosity	550
16.	Abrasion Loss/ Scuff Test	700
17.	Compression Strength	1100
18.	Folding Endurance	600
19.	Brightness	700
20.	Opacity	700
21.	Stiffness	700
22.	Cobb Test	600
23.	Heavy Metal Analysis	4950
24.	Size / Dimensions (Paper, Box etc.)	500

25.	L a b Value	2100
26.	Blocking Resistance	700
27.	Puncture Resistance	550
28.	Mass of the ream	550
29.	Edge Crush Test	700
30.	Flat Crush Test	600
31.	Type of Flute	550
32.	Direction of Flute	550
33.	Number of ply	550
34.	Style of Box	550
35.	Rolling Test	550
36.	Stack Load Test	2000
37.	pH value	550
38.	Wax Pick up Number	1100

## 2. Rigid Plastic Container

Sr. no.	Test	Testing Charges* (INR)
1.	Ageing Resistance	1500
2.	Product resistance of printed container	900
3.	Permanency of Pigment	550
4.	Capacity scale	550
5.	Overall Migration Test (One Simulant)	3630
6.	Capacity (Nominal & Brimful)	550
7.	Environmentally Stress Crack Resistance	1500
8.	Top Load Test	1100
9.	Heavy Metal Analysis	4950
10.	Dimensions of the Container	1750
11.	Closure Leakage Test	550

### 3. Flexible Plastic Materials

Sr. no.	Test	Testing Charges* (INR)
1.	Tensile Strength	1100
2.	Elongation	600
3.	Seal Strength	900
4.	Dart Impact Test	700
5.	Co – Efficient of Friction	900
6.	Flex Crack Resistance Test	1800
7.	Overall Migration Test (One Simulant)	3630
8.	Overall Migration Test (Four Simulant)	15000
9.	Heavy Metal Analysis	4950
10.	Peel Strength	600
11.	Delamination Charge for multilayer plastic film	300
12.	Ink Adhesion Test	600
13.	Yield Test	900
14.	Haze	700
15.	Optical Density	1100
16.	Shrinkage Test	700
17.	L a b Value	2100

#### 4. HDPE/PP Woven Sacks & Geomembrane

Sr. no.	Test	Testing Charges*(INR)
1.	Dimensions	500
2.	Ends & Picks	550
3.	Breaking Strength (Before UV Exposure)	1100
4.	Breaking Strength (After UV Exposure)	1100
5.	Seam Strength	700
6.	Denier	600
7.	Ash Content	600
8.	Grammage	500
9.	No. of stiches of Seam	550
10.	Water Repellency	700
11.	Resistance to ageing	1500
12.	UV Exposure Charges/day	1200

#### 5. Adhesive Tape

Sr. no.	Test	Testing Charges*(INR)
1.	Adhesion Strength to Metal	1100
2.	Adhesion Strength to Self	1100
3.	Grammage of Adhesive	600
4.	Grammage of Release layer	500
5.	pH	550
6.	Anchorage Test	550
7.	Stability Test	1750
8.	Breaking Strength	1100

1. \*Discounts for Ordinary Members of IIP : 10%
2. \*Discount for Life/Patron Members of IIP : 15%
3. \*GST 18% Extra