



Ministry of Commerce & Industry Government of India

ADMISSION OPEN FOR

POST GRADUATE DIPLOMA IN PACKAGING FOR 41ST BATCH

PROSPECTUS 2025









To make Indian Institute of Packaging a World

Class Centre of Excellence with Sustained

Commitment from the Stake Holders.

To develop Close International Relationship with

Worldwide Packaging Fraternity.

To make India a Focal Point for Contemporary

Developments in Art, Science, Technology and

Engineering in the Field of Packaging.

Quality Policy

"The Quality Policy of Indian Institute of Packaging is to perform Mechanical and Chemical testing of packaging materials as per National, International Standards like IS/ISO/ASTM/TAPPI/IEC/EN etc, and regulations like IMO/ICAO, etc to impart Training & Educationin the field of Packaging; undertake Research & Development;Organize Packaging; Exhibitions; Publish magazines in Packaging; organize and issue Awards for innovations and developments in Packaging and to Provide Consultancy Services to the Industries.

We believe and strive for the active involvement of every member of the Institute in evolving and implementing an effective Quality Assurance System as per ISO/IEC 17025: 2017 and Quality Management System as per IS/ISO 9001: 2015

We shall endeavor meticulous implementation in compliance with the Quality Manual and to build an effective work culture in the institute.

The top management is committed to impartiality in all activities and to safeguard the confidentiality of all information obtained or created during its activities. The Institute also follows this quality policy to improve its effectiveness in all the testing activities and management systems.

The Institute has made this Quality policy available at various locations in the Institute for communication, understanding, and application within the organization and also uploaded the same on the website of the organization for the reference of interested parties".

FROM THE DIRECTOR'S DESK...



Mr. R. K Mishra, IRS Director - IIP & Addl. DGFT - Mumbai

Indian Institute of Packaging (IIP) is an autonomous body in the field of packaging, education, testing and R&D 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, Ahmedabad in 1976, 1986, 2006 and 2017 respectively.

The Institute is involved in various activities like training and education in the field of packaging, testing and evaluation of packaging materials and packages, consultancy services and research & development related to packaging.

The Indian packaging industry has not only grown in size and volume, but also in its level of operation. Globalisation has nudged the Indian packaging industry to become more competitive in the global markets. Today, the Indian packaging industry is growing at an annual rate of 15% as against4-5% growth of the global packaging industry. This has created a great demand for packaging professionals by the Indian packaging industry.

Since 1966 IIP is conducting various training and education programmes for industry & individuals. The Post Graduate Diploma in Packaging is a flagship programme offered by IIP which has started in 1985 and the alumni are leading professionals employed in India and across the world in high positions in the global value chain. The course provides a unique mix of academic and on the machine teaching preparing the students for climbing the ladder of success in this exciting and ever growing field. I am confident that all those who join IIP training and education programmes will make a mark by the learning skill on offer. My best wishes to all the new aspirants who would be joining the illustrious IIP family.

भारतीय पेंकेर्जिंग संस्थान Indian Institute of Packaging

R. K MISHRA, IRS Director - IIP



GENESIS OF PACKAGING EDUCATION

It was in 1985, the institute decided to take a step forward in the direction of Packaging Education. We are second in the world, besides USA, to start two years Post Graduate Diploma in Packaging. With the inputs from expert educationists under the chairmanship of Dr. D. V. Rege, the then Director of University Department of Chemical Technology, Mumbai (now ICT) with Dr. V. Gupchup, the then Principal of Victoria Jubilee Technical Institute, Mumbai (now Veermata Jijabai Technological Institute), Dr. Ravi Talwar; Mr. A. S. Athale; Dr. K. N. Kaul, Technical Director of M/s. Roche Products; Dr. R. Jayaraman, Vice-President of M/s. Britannia Industries Ltd. and others, the curriculum of two years full time Post Graduate Diploma in Packaging was developed.

Since packaging is an inter-disciplinary subject, the first semester includes exposure to subjects like Mathematics, Physics, Chemistry, Mechanical and Electrical Engineering. Packaging technology is then introduced with detail elaborate coverage on various packaging media, which includes paper and paperboard, glass, metals, plastics and composites. Similarly, laboratory practical training and visit to packaging converters and user industries are included in the curriculum to expose students to the practical aspects of the subject.

In any organisation, since the packaging professional plays a vital role, management subjects such as Production Planning and Control. Total Quality Management, Industrial Engineering, Materials Management, Marketing and Financial Management are also included.

The post graduate diploma course commenced in 1985 and the curriculum is regularly reviewed with addition of new subjects. Some of the subjects recently included are Packaging laws and regulation, Computer Aided Design, Mould Design, Communication Skills, etc., which now form a part of the syllabus. The institute has a separate computer laboratory for Post Graduate Diploma students equipped with necessary software for their training and use. Experienced and dedicated faculty trains the students in CAD.

We have also been conducting three months certificate programme since 1968. The course is accredited by Asian Packaging Federation of which IIP is the founder member and endorsed by World Packaging Organisation. The course is open to overseas participants as well. Both these courses being full time, a need was felt to introduce a Distance Education Course especially for working people who cannot attend the full-time programme. In 1996, the institute has started the Distance Education program for many aspirants who are working in the industry and could not attend our full time courses to improve their professional qualification.

Today we are in the 30th year of Distance Education Programme, which is of 18 months duration. This course is also accredited by Asian Packaging Federation and is open to participants from any country. We have been receiving overwhelming responses for this course. For overseas students of this course, we conduct the examination in their city of work. Over the years, we have witnessed a significant growth in the number of students enrolling for this course.

The Institute has started with student in-take of 20 for the 2-year Post Graduate Diploma in Packaging and today, our intake is raised to 500. Appreciation of this course by the industry is seen in the responses we receive for the campus interviews, in which almost all of the students are placed within a few days. The value of our course is recognised through repeat visits of many corporate bodies and MNCs for campus placement. All our students are respectfully placed with exciting job offers. Recently, overseas organisations have flown down and recruited our students.

The success story of these programmes is due to the efforts by the eminent faculty, who support the Educational activities; from renowned educational institutions, the industry and many corporate bodies, through industrial visits and training of our students.

Packaging is one of the most dynamic fields and is sensitive to technical and commercial trends. Packaging trends need to be quickly identified, studied and exploited to survive in competition. Globalisation has brought consumers and producers closer than ever before. The role of packaging in modern methods of distribution through super markets and malls has, therefore, assumed great importance. Thus, the demand of this subject makes our job challenging; however, we always like challenges and endeavour to succeed.

Asimum

Dr. Babu Rao Guduri HOD T & E Department



ABOUT INDIAN INSTITUTE OF PACKAGING

The Indian Institute of Packaging (IIP) is a national apex body which was set up in 1966 by the packaging and allied industries and the Ministry of Commerce, Government of India, with the specific objective of improving the packaging standards in the country. The Institute is an autonomous body working under the administrative control of the Ministry of Commerce.

The Institute endeavours to improve the standard of packaging needed for the promotion of exports and create infrastructural facilities for overall packaging improvement in India. This is achieved through the Institute's multifarious activities which are today, in line with those of premier packaging institutes the world over. The institute aims to make India a focal point for contemporary developments in Art, Science Technology and Engineering, with respect to the field of Packaging.



The Institute began in a very humble way, with an office at Mumbai. It has now expanded, with its Head Quarters at Mumbai and centres located at Delhi, Kolkata, Hyderabad, Chennai and Ahmedabad.

The major activities of the Institute are:

- > Testing, Certification & Consultancy
- Research & Development
- Training & Education

The other promotional efforts include exhibition and awards, information services and publications, library and database services.

The Institute has linkages with International organisations and is a founder member of the Asian Packaging Federation (APF); member of the Institute of Packaging Professionals (IOPP), USA; the Institute of Packaging (IOP), UK; Technical Association of Pulp and Paper Industry (TAPPI), USA and the World Packaging Organisation (WPO).

The Indian Institute of Packaging has helped many developing countries in the promotion of packaging through projects carried out for prominent International bodies like the United Nations Industrial Development Organisation (UNIDO), International Trade Centre (ITC), the Commonwealth Fund for Technical Cooperation (CFTC) and the European Union (EU). The Institute has successfully completed many International residential training programmes for APF and WPO.

At present, the Institute has members in varied categories such as Patron Members, Overseas Members, Life Members and large number of Ordinary Members who regularly use the expertise and the services of the institute.

Exhibition and Design

The institute organises package exhibitions on a regular basis.INDPACK, the Annual National Exhibition organised at various cities around the country, offers the Packaging industry an opportunity to display development in the machinery and material sector. INDIAPACK International, a collaborative effort with exhibition organisers from overseas, organised once in 2/3 years. The institutes also organise industry participation in international exhibitions.

The Permanent Exhibition Centre in Mumbai, Delhi, Kolkata, Chennai and Hyderabad offer display outlets for the products of the industry. Industrial designs are developed as per client's requirements.

National Recognition for Innovation in Packaging Design & Technology

The Institute, while maintaining its unique position as an internationally reputed organisation responds to the needs of the country and at the same time acts as a window for India's capabilities in Packaging Science and Technology.





INDIASTAR Recognition

IIP has instituted the 'INDIASTAR' recognition, the National recognition for Excellence in Packaging in the year 1972 to promote and encourage excellence in packaging design, innovation and sustainability, once every two years. Over a period of time, this award programme is firmly entrenched and is most popular as the premier event for India's packaging fraternity.

This biennial INDIASTAR recognition of excellence in packaging development for functional design and appeal. The INDIASTAR Contest is also open to students under the Student Category.

PACMACHINE Recognition

The Pacmachine recognition symbolises achievement in the prted by: field of packaging and converting machinery, material handling and testing equipment.

Winning INDIASTAR entries may then compete for the ASIASTAR and the WORLDSTAR Awards.

Information and Publication

This institute provides information related to the packaging industry, in addition to publishing various monographs and textbooks, seminar papers and directories, periodically.



Library and Internet Services



Packaging India, the official Journal of the Institute published six times a year, is an invaluable source of information for the packaging industry. It is mailed free of cost to members of the Institute, packaging and related institutions all over the world. Individual subscriptions are available on request.

The Institute's publications are available on request at the Head Office and the Regional Centres.

IIP is privileged to have one of the best reference's libraries in the world, with books, International periodicals, bound volumes of journals; besides a large number of reports, National & International standards, database on products and materials along with reprographic facility also being available. Library facilities are extended to the members of the Institute, all students and faculty.

The IIP library has a rich collection of nearly 7000 textbooks besides several packaging related National and International standards from different countries and organisations on materials, methods and systems, testing and quality control etc., besides having a number of seminars, technical reports and dissertations. The information input is also augmented through over 50 technical journals obtained from various sources in the world, on a regular basis.





GLOBAL INITIATIVES

To meet the growing demands from industrial units, in both, the organised and unorganised sector for qualified technical manpower, the Institute introduced 2-year programme leading to a Post Graduate Diploma in Packaging (PGDP) in 1985. The course is designed to equip candidates with all the facets of packaging activity.

Other courses being offered by the Institute include the Graduate Diploma in Packaging through correspondence - a Distance Education Programme (DEP) 1996, recognised by the World Packaging Organisation (WPO) and accredited by Asian Packaging Federation (APF). The 18-month course, designed primarily for working professionals is open to industry personnel and to students in India, the Asia Pacific Region and other countries.

A 3-month Certificate Course in Packaging introduced in 1968 is conducted at the Head Office and at the Regional Centres, entries of which are on a first-cum-first-served basis. The course is also open to overseas participants deputed by their Governments under various schemes. This course is endorsed by the World Packaging Organisation (WPO).

IIP is probably, the first Packaging Institute in the world to hold a training programme for women entrepreneurs. The 1-month Entrepreneurship Development Programme is organised once a year.

Short Training Programmes, Seminars and Conferences of 1-day to 1-week duration are organised by the Head Office and the Regional Centres throughout the year in various parts of the country, specially designed for working executives as well as professionals needing to update their knowledge in the form of executive development programmes.

Residential Training Programmes – The Institute conducts Residential Training Programmes at its Campus in Mumbai. These programmes are designed to meet the specific requirements of the organisation / industry.



Residential Training Programme

TESTING AND EVALUATION SERVICES - NABL ACCREDITATED LABORATORIES

Over the last 58 years, the Indian Institute of Packaging has been able to establish well-equipped laboratories for testing of various packaging material and packages at its principle laboratory at Mumbai and also its branch offices at Chennai, Kolkata, Ahmedabad, Delhi and Hyderabad, with continuous efforts towards upgradation. Financial assistance of the Ministry of Commerce and Industry, Government of India is awarded. Today, the Institute is proud to announce that the laboratory has got the facility for testing over 300 parameters covering different areas like mechanical, chemical and physico-chemical properties of packaging material and packages.

Laboratories at the Head Office and regional centres extend testing facilities to the industry for domestic distribution and export, as per National and International Standards like the Bureau of Indian Standards (BIS), International Standards Organizations (ISO), British Standards (BS), American Society for Testing Materials (ASTM) and others. IIP also issues UN Certification for export packages for hazardous goods and equipment calibration standardization certificates.

Laboratory

The division comprises of the following laboratories:

- Consumer Package Laboratory
- Material Testing Laboratory
- > Optical and Barrier Properties Laboratory
- Chemical Laboratory
- Transport Laboratory

Activities

Activities carried out include:

- General chemical and material testing
- > Testing for transport worthiness of packages
- Testing of packages for the carriage of dangerous goods for export – IMDG and ICAO.
- > In-laboratory training programme
- > Training programme on testing and quality control
- > Testing based consultancy projects
- Microbiology Laboratory



INDUSTRY CONSULTING SERVICES

The Institute undertakes self-sponsored and industry participated applied projects covering different aspects of standards, substitutions of packaging materials, improvements in the designs of packages for a range of products including agricultural produce, marine products, processed food, pharmaceuticals, chemicals, consumer durables, light and heavy engineering products etc. Export packs for fresh fruits and vegetables are developed which include bulk and consumer packs. Consumer and bulk export packs with specification details are developed for pre-cut frozen fruits and vegetables.

Consultancy Services:

- Package design and development
- Cost-effective packaging for domestic and overseas distribution
- On-the-spot advisory visits
- Techno-economic feasibility studies
- Market research and survey reports
- Projects profile with guidelines for machinery selection, computing investments and working capital as well as establishing economic feasibility.

Some of our esteemed clientele include MNC's, entrepreneurs, government departments, packaging material users and converters.





POST GRADUATE DIPLOMA IN PACKAGING

It was in 1985 that IIP decided to take a step forward in the direction of Packaging Education to meet the growing demands from industrial units, in both, the organised and unorganised sectors for qualified technical manpower. IIP is second in the world, besides USA, to start 2-year Post Graduate Diploma in Packaging. With the inputs of expert educationist under the chairmanship of Dr. D. V. Rege, then Director of UDCT with Dr. V. Gupchup, then Principal of VJTI; Dr. Ravi Talwar; Mr. A. S. Athale; Dr. K. N. Kaul, Technical Director, M/s. Roche Products; Dr. R.Jayaraman, Vice-President, M/s. Britannia Industries Ltd. and others, the curriculum of 2-year full time Post Graduate Diploma in Packaging was developed.

Since packaging is an inter-disciplinary subject, the first semester includes exposure to subjects like Mathematics, Physics, Chemistry, Mechanical and Electrical Engineering.

Packaging Technology is then introduced with detail and elaborate coverage on various packaging media, which includes Paper and Paperboard, Glass, Metals, Plastics and Composites. Similarly, laboratory practical training and visit to packaging converters and user industries are part of the curriculum to expose the students to the practical aspects of the subject.

Since a packaging professional plays a vital role in an organisation, management subjects are also included, such as:

- Production Planning and Control
- > Total Quality Management
- Industrial Engineering
- Materials Management
- Marketing and Financial Management

The Post Graduate Diploma course commenced in 1985 and the curriculum is regularly reviewed with addition of new subjects. Some of the subjects recently introduced are eco-regulation, computer aided design & mould design and communication skills, which now form a part of the syllabus.

IIP has a separate computer laboratory for Post Graduate Diploma students, equipped with necessary software, for their training and use. Experienced and dedicated faculty trains the students in CAD.

A large number of factory visits are undertaken in line with the curriculum. These provide the students with practical experience with respect to the packaging industries.

The fourth semester is dedicated to industrial training. Every student is placed in an industry for hands-on practical training. At the end of this semester, a 'Campus Placement' drive is conducted at the Institute in Mumbai, and is open for students of all regions of the Institute. IIP takes pride to convey that it takes effects for 100% placement assistance of students, to date.

The details of the subjects taught in each semester along with the teaching and examination scheme is as detailed in the Tables ahead.

The students are encouraged to showcase their cultural and extracurricular abilities through the yearly 'PACKFEST' programme. It comprises of a series of cultural and technical competitions related to packaging. This festival was introduced at the 24th Batch Convocation and is continued till date.



Convocation - 2024



STUDENTS MERIT AWARD

On the occasion of the 'Silver Jubilee' convocation of the Post Graduate Diploma in Packaging programme (PGDP), it was planned to create a 'Students Merit Award Fund' for the educational activities and the interest amount so generated will be spent every year for making MEDALS for different categories. Thus, all contributions are for perpetuity.

The main objective in awarding Platinum, Gold, Silver and Bronze medals to meritorious students is to motivate the students of Post Graduate Courses and as well as Distance Education Programme (DEP).

The medals will be awarded to the students in the following manner:Gold Medal-Silver Medal-Bronze Medal-Overall Second ScorerBronze Medal-Overall Third Scorer

The three toppers of the PGDP from each region will then compete for the topper amongst them all, for a **Platinum Medal**. A competitive examination on 'packaging' will be held at Mumbai every year before the convocation.

All medals have been sponsored by leading packaging companies and the contribution will be a onetime contribution towards the Students Merit Award Fund. The medal would have the IIP Logo on one side and the logo of the sponsoring company will be embossed on the other side.

SPONSORS

List of Sponsors for Students Merit Award for Post Graduate Diploma in Packaging (PGDP) and Distance Education programme (DEP).





SUCCESS STORIES

- Placement in leading MNCs, FMCG, converter industries, KPO, food and pharmaceutical companies.
- All round professional and personality development.

- Industry oriented teaching.
- Green campus, reputed faculty, testing laboratories and excellent hostel facility at Mumbai.
- A unique Resource Centre to facilitate placements all over the world. Leading companies, across the world from various disciplines of packaging come for campus placement.

EMINENT REGULAR RECRUITER

The success continues with a number of eminent recruiters are listed here.

Abbott Laboratories Adani Group Agrocel Industries Pvt. Ltd. Agro Tech Foods Limited Alpla Limited Atlas Copco Group Atul Limited Avery Dennison (I) Pvt. Limited Agrocel Industries Pvt. Ltd. Allana Consumer Products Pvt. Ltd. Alpla India Pvt. Ltd. Amcor Flexibles India Pvt. Ltd. Aptar Pharma **Asian Paints** Biostadt India Limited Bambrew Plant Fibre Technology Pvt Ltd Bliss Chocolates India Pvt. Ltd. Britannia Industries Limited **Castrol India Limited Cavinkare** Limited Chainanalytics Pvt. Limited Chep India Pvt. Limited Cirkla Technologies Pvt Ltd Coco-Cola India Inc. **Creative Polypack Limited Cummins India Limited** Dabur India Limited Dr. Reddy's Laboratories Limited Emami Limited Emami Biotech Limited Europack Flint Group India Pvt. Limited Flipkart Pvt. Limited Ferrero India Pvt. Ltd. Godrej Consumer Products Limited

Grindwell Norton Limited (Saint Gobain) Haldirams Foods International Pvt. Ltd. Hawkins Cookers Limited Havells India Ltd. Himalaya Drug Co. Limited Hindustan Unilever Limited Hersheys Integrated Plastics Packaging Inc. **IPCA** Limited ITC Limited Signode India Limited Impel Services P Ltd Indofil Industries Ltd J K Files & Engineering Ltd (Raymonds) Kansai Nerolac Limited Kraft Foods Pvt, Limited Kris Flexipacks Limited Kimberly-Clark India Pvt. Ltd. Kris Flexipack L'Oreal India Pvt. Limited Larsen & Toubro Limited Lupin Limited Malabar Group Manjushree Extrusion Limited Manohar Packaging Pvt. Limited Mapro Foods Limited Manjushree Extrusion Limited Manohar Packaging Pvt. Limited Mapro Foods Limited Marico Limited Maruti India Pvt. Limited Mondelez India Foods Pvt. Limited

Mylan Laboratories Mahindra & Mahindra Mars Wrigleys Moglix Mother Dairy Fruit & Vegetable Pvt. Ltd. Nestle India Limited Nivea (Beiersdorf India Service P. Ltd.) Packfora LLP Reifenhäuser India Marketing Pvt. Ltd. Reliance Retail Ltd Safepack Industries Ltd. Schaeffler India Limited Seedlings India Pvt. Ltd. Signode India Ltd. Strides Specialities Pvt. Limited Stylo Graphic Imaging Pvt. Limited Surface Graphics Pvt. Limited Switz Foods Pvt. Limited **Tata Consumer Products** Tata Global Beverages Limited Tulsian Group of Inds. Limited **TVS Motor Company** Uflex Limited United Phosphorus Limited VE Commercial Vehicles Ltd. Walmart India Limited Weikfield Food Pvt. Ltd Wipro Consumer Care & Lighting Wockhardt Limited Zobele India Pvt. Ltd. Zydus Life Sciences Ltd.



Mr. R. K. Mishra, IRS Director, Indian Institute of Packaging

Mumbai

Dr. Babu Rao Guduri, Joint Director & HOD, T&E & Laboratory Dr. Badal Dewangan, Joint Director & HOD, R&D Dr. T. M. Mallik, Deputy Director Dr. S. K. Juikar, Deputy Director Mr. P. G. Meshram, Deputy Director Dr. Hemlata Raikwar, Deputy Director Mrs. Shweta Shetty, Assistant Director Mr. Anil Moule, Assistant Director Mrs. Poonam Ved Prakash, Assistant Director Mrs. Vaishali Ravandale, Assistant Director Mr. Nitin Raibole, Technical Assistant Mr. Swapnil R. Dhopte, Technical Assistant Mr. Sachin P. Adakane, Technical Assistant

Kolkata

Dr. Bidhan Das, Deputy Director & Regional Head Dr. Nilay Kanti Pramanik, Deputy Director Mr. Manipati Madan Mohan, Assistant Director Mr. Alok Basak, Technical Officer Mr. Jeetendra Upadhyay, Technical Assistant

Ahmedabad

Dr. Amit Singla, Joint Director & Regional Head Mrs. Foram A. Badani, Assistant Director Mr. R. G. Butani, Technical Officer Mr. Arpit Badani, Technical Officer Mr. Jaysukh G. Chandpa, Technical Assistant

THE GUEST FACULTY

The guest faculty are invited from reputed institutes. Some of them are as highlighted below.

Mumbai

Indian Institute of Technology (IIT) Usha Gandhi Pravin College of Management Shri Vile Parle Kelavani Mandal Education Institute V. K. Krishna Menon College of Commerce & Economics Maharshi Dayanand College Don Bosco Institute of Technology D. J. Sanghavi College of Engineering MPSTME - Mukesh Patel School of Technology / Management & Engineering M.K.S. College of Commerce & Economics

Calcutta University Jadavpur University Bidhanchandra Krishi Vishwavidyalaya Indian Institute of Technology (IIT-KGP)

Ahmedabad

Kolkata

Narayan Shastri Institute of Technology (NSIT) P.D. Pandya College Institute of advanced research (IAR)



PROSPECTUS Course Objective

In recent times, with the globalisation of markets and trade, the role of packaging has assumed greater importance in marketing and distribution of agricultural produce, value added products, industrial products and mass-produced consumer goods. As a result, there is now a demand for technically qualified cadre of people who can undertake design, development, production, quality control as well as make effective use of modern packaging technology.

There are over 7,000 organised industrial units and nearly 4,50,000 small industries in India who use or produce packaging materials and require qualified technical personnel. IIP works in close association with International organisations. IIP is a founder member of Asian Packaging Federation (APF) and World Packaging Organisation (WPO).

The Indian Institute of Packaging has, therefore, to bridge the gap, developed a full time Post Graduate Diploma in Packaging (PGDP) Programme of two year duration, which has become popular in industries since 1987.

Curriculum

The curriculum is so designed that the successful candidates would be well-equipped in all major facets of packaging activities and will be easily employable in a package manufacturing, packaging machinery manufacturing or user industries like food, pharmaceuticals, cosmetics and others. With experience, they can also aspire to be self-employed professionals / entrepreneurs in their field.

In order to provide sound technical knowledge and at the same time, acquaint them with industrial practices, the theory sessions have been kept at 70 per cent of the curriculum and the balance 30 per cent is allotted for practical sessions. The theory section includes classroom sessions and library reference work. The practical side includes laboratory exercise, industrial visits, project work and industrial training.

Involvement in R&D Activities of the Institute will form an important part of the curriculum.

Title

The two-years programmes leads to a **Post Graduate Diploma in Packaging (PGDP).**

Eligibility: Maximum Age 30 years as on 31/05/2025

(Age relaxation: 3 years for OBC & 5 years for SC/ST)

• For PGDP maximum age 30 years as on 31/05/2025 (Age relaxation: 3 years for OBC & 5 years for SC/ST)

PGDP

A candidate should have passed the full time (not by correspondence or part time) Graduate degree examination in Science (12th + 3 years degree entire 5 years in science only) with Physics / Chemistry / Mathematics Microbiology or Biochemistry as the main subject or one of them as second subject in the three year degree or Agriculture / Food Science / Polymer Science or Engineering / Technology degree of a AICTE / recognised University with minimum second class. The candidate needs to have consistently high academic performance and sound general knowledge.

Those with equivalent overseas qualification would also be eligible for admission. The candidate needs to have consistently high academic performance and sound general knowledge. Those with equivalent overseas qualification would also be eligible for admission.

Candidates appearing in the final year of the qualifying examinations can also apply, however, they must submit their results/ provisional results (as given by University) latest on the day of the personal interview and selection, as without their degree result, student are not eligible to appearing for personal interview and will be eliminated from the admission process.

Admission/Selection Procedure:

The admission for PGDP Programmes will be done according to the following two steps:

- (i) Written examination
- (ii) Personal Interview

Scholarships

Available For 9 students of Economically Weaker Section (EWS)

	100% Scholarship	50% Scholarship
Mumbai	2	5
Kolkata	1	1



Selection Procedure:

STEP 1: Written Examination

A candidate seeking admission to the PGDP (Mumbai, Kolkata & Ahmedabad) Course will be required to appear in the written Entrance Examination which will comprise of multiple-choice questions. The syllabus for the written test is at the graduate level and the subjects include Physics, Chemistry, Mathematics and Engineering. The candidate has the option to choose questions, provided the number of questions does not exceed a fixed limit. The entrance examination for PGDP will be conducted on 22/06/2025 at Mumbai, Kolkata, Delhi, Chennai, Ahmedabad and Hyderabad centers of the Institute. The Institute has the discretion to fix minimum qualifying marks for the examination and short list the candidates who will be eligible for further consideration for admission.

Application for admission to the course needs to be submitted on or before 15/06/2025 along with attested copies of mark sheets and other credentials. Application form, Prospectus and Syllabus can be obtained from 1st week of February 2025 from any center by paying Rs. 500 in cash or by Demand Draft in favour of **Indian Institute of Packaging** payable at Mumbai or Kolkata or Delhi or Chennai or Hyderabad or Ahmedabad. The forms can also be downloaded from the IIP website.

STEP 2: Personal Interview

Candidates will appear for personal interview post IIPCET-2025 i.e. on 22/06/2025 which will be held at the Mumbai, Delhi, Kolkata, Hyderabad and Ahmedabad centers of the Institute.

The Institute has the discretion to fix minimum qualifying marks for Personal Interview which will make a candidate eligible for further consideration for admission. The final selection of candidates for admission to the course will be done in the order of their merit which will be based on the aggregate of marks calculated in each case according to the following weightage:

- Marks obtained in 10th Class/Matriculation: 10% (i) (ii)
- Marks obtained in 12th Class/Sr. Secondary: 10%
- Marks obtained in Graduation level: 30% (iii)
- Marks obtained in the Entrance Examination: 30% (iv)
- (v) Marks obtained in Personal Interview: 20%

Display of 1st list will be based on the 1st round cut-off. The 2nd list display is on the basis of 2nd round cut-off. Further lists will be displayed on the availability of seats when necessary.

Tuition Fee and Other Fee

Fee Structure for Post Graduate Diploma in Packaging (PGDP).

А.	One Time fee (payable at the time of admission)	Rs. 60,000*	
B.	Fees per Semester (Tuition Fee + Exam Fee)	Rs. 70,000*	
C.	Refundable Deposit (payable at the time of admission)	Rs. 3,000	
D.	Hostel Fees (optional) only in Mumbai		
	1)Payable at the time of admission	Rs. 2,000	
	(Registration fees (Rs. 1000) + Deposit (Refundable Rs. 1000)		
	2)Fee per Semester	Rs. 25,000	
E.	Fees for application form/syllabus/prospectus/ set of previous year's question papers	Rs. 500	
	Fees for foreign students = US\$2000 per semester (not included hostel, food & other charges)		

*Fees + ST as applicable

Total fees payable at the admission = A+B+C+D (optional)

Fees Payment

Fees for the subsequent semester should be paid as follows for PGDP.

2nd Semester: 16th Dec. 2025 to 8th Jan., 2026 3rd Semester: 26th June to 13th July, 2026 4th Semester: 15th to 31st Dec., 2026

Note:

The fees for the Semester II & III have to be paid prior to the commencement of the Semesters. Appropriate late fee of Rs. 100/- per week will be charged a month post that Rs. 100/- per day will be charged. All fees are to be paid by DD (in favour of Indian Institute of Packaging). Semester (2nd, 3rd & 4th) fees once paid will not be refunded under any circumstances.





Cancellation of admission & Refund of fees

- a) Cancellation on/before commencement of the course 10% deduction, balance will be refunded.
- b) After commencement of the course, with in 15 days 25% of fee deduction
- c) Within 1 month 50% of fee deduction
- d) After 1 Month No refund of fees

Hostel

The programme is non-residential. However, separate hostel accommodation for boys and girls on a twin sharing basis (with mess facility) is available only in Mumbai. There are limited rooms and is provided on first-come reserved basis, for only the students residing outside Mumbai.

Seats

The seats for every academic year as follow:

Mumbai (PGDP)	-	280
Kolkata (PGDP)	-	80
Ahmedabad (PGDP)	-	60

Seat reservation is as per the Government norms as below.

OBC	-	27.0%
SC	-	15.0%
ST	-	7.5%

Semester Examination

A candidate for the PGDP is required to pass three semester examinations and successfully complete the last semester devoted to industrial training and project work. Candidate with minimum 75% attendance in each subject will be allowed to appear for the Semester Exam.

Passing Criteria

For eligibility of PGDP candidate must obtain at least 40 per cent marks in each paper and practicals. In addition, the candidate must obtain at least 50 percent in the aggregate.

Provision for ATKT

A student will be given an ATKT provide his/her overall performance is good and he / she is not falling in more than two subjects.

Re-examination

A re-examination will be conducted for students who have cleared Sem1 and Sem 2 and failed to clear Sem 3, Sem 3 Reexamination will be conducted before the convocation.

Grade

A - 70% and above First Class with Distinction

- B 60% and above First Class but less than 70%
- C 50% and above Second Class but less than 60%

Academic Calendar

Admission Open	:	11 th February, 2025
Last Date of Form Submission	:	15 th June, 2025
Entrance Exam	:	22 nd June, 2025
Semester I	:	August to December, 2025
Semester I - Diwali Break	:	15 th to 25 th October, 2025
Semester I - Examination	:	December, 2025
Semester Break	:	15 th to 31 st January, 2026
Semester II	:	February to June 2026
Semester II - Examination	:	June, 2026
Semester - Break	:	July, 2026
Semester III	:	August to December, 2026
Semester III - Diwali Break	:	5 th November to 15 th November, 2026
Semester III - Examination	:	December, 2026
Semester III - Break	:	15 th to 31 st January, 2027
Semester IV	:	February to July, 2027
Semester IV - Presentation and Viva	:	July, 2027



Code of Conduct

Following is the Code of Conduct which all the students enrolled for any of the courses organised by IIP need to follow:

Any violation of the code will attract disciplinary action. The disciplinary action will be entirely decided by the management of the Institute, and which may amount to removal of the student(s) from the course.

- All the students will be punctual in their attendance in the classroom and will be seated before the session starts as per the time-table.
- Students will behave properly in the classroom and within the campus of the Institute and will maintain the decorum.
- > Decent dress code to be followed by the students.

Following conduct / acts will be considered as violation of the code of conduct and is required to be followed by all the students:

- Entering the classroom after the session / lecture has started / commenced.
- Leaving the classroom, before the lecture/session is completed without the permission of the faculty.
- Speaking loudly and among each other, during the progress of the lecture/session.
- Any kind of teasing, abusing, using bad words, unparliamentary language with any of the students, staff of students, staff of
- IIP,

faculty, visitors or any other person within the campus of the Institute.

- Consumption of alcoholic drinks, smoking, consuming any undesirable products within the campus.
- Humiliating, insulting in any manner with the staff of the institute, faculty or any guest, within the campus.
- Misplacing, stealing of any items or property, belonging to any of the students, staff, faculty or the Institute.
- Misbehaviour in any manner with any of the students, staff, faculty or visitor in the Institute.
- Bringing in the campus, any undesirable person, product, pet, without prior authorization.
- Talking with other students, copying, exchanging material, papers during the examination.
- Littering with wrappers, paper etc. in the classroom, campus etc.
- Mishandling/misusing learning aids/books/instruments of the Institute.
- Ragging in any manner with any student in the campus.
- Eating in classroom, making noise in the corridor etc.
- Using mobile phones / its accessories in the classroom / laboratory.
- Copying presentations, lecture notes from laptops without prior permission of the respective faculty.
- Roaming in the office premises, campus without any reason.
- Destroying plants / greenery in the campus.
- Internet surfing in the classroom other than the time slot time slot allotted, specifically for the purpose.
- Any act not mentioned above, but undesirable in the academic field.







Library Facility

The Institute has a well-equipped library with over 7,500 Indian as well as foreign books, in addition to reference books, journals, standards etc.

Dissertation / Library Reference Work

The student is expected to submit a typed report at the end of each semester as dissertation on library reference work, for evaluation. The subject for dissertation would be prescribed by the Institute.

Industrial Visits

Number of industrial visits are organised for the students during Semester I and II with a view to expose them to actual industrial processes and give an opportunity to acquire practical experience on packaging and non-packaging related subjects.



Additional Topics

To improve the skill of the students, new topics and additional lectures will be introduced.

Practical Examination

The methodology of practical examinations is detailed by the faculty. Normally, students will be required to plan work, perform experiments, report results and give interpretation of the same.

During practical examinations, emphasis is laid on the methods of working and accuracy of results, rather than on information that is asked during the theory examinations.

The practical examinations are held in Packaging Technology and other related subjects only.

Industrial Training

During the 4th semester, candidates are assigned to Industrial Training for 5 Months Each candidate is required to submit a typed report (2 copies) as 'Project Work' providing methodology, findings etc. in detail as a part of industrial training.

Performance during industrial exposure, provided in the industrial unit, is evaluated based on the report to be submitted by each candidate and necessary assessment / certificate as may be obtained by the Institute from the concerned unit. 300 marks are assigned for industrial training and project work and 300 marks for overall performance of the candidate in all four semesters.

Marks are based on regularity in attendance (minimum 75%), conduct and progress as reported by the industrial supervisor, quality of report and viva-voce examination, besides behaviour etc.





Post Graduate Diploma in Packaging (PGDP) **Teaching Scheme - Semester I**

Sr. No.	Name of the Subject	Theory No. of Credits	Practicals	Examination Duration	Marks
1.	Mathematics I	18	-	2 hrs	50
2.	Science (Chemistry and Physics)	18	-	2 hrs	50
3.	Electrical Technology	18	-	2 hrs	50
4.	Applied Mechanics I	36	-	3 hrs	100
5.	Mechanical Technology	18	-	2 hrs	50
6.	Engineering Mechanisms	18	-	2 hrs	50
7.	Introduction to Principles of Packaging	18	-	2 hrs	50
8.	Paper and Paperboard	18	-	2 hrs	50
9.	Glass Technology	18	-	2 hrs	50
10.	Introduction to Plastics and Polymers	18	-	2 hrs	50
11.	Project Work	-	-	2 hrs	50*
12.	Engineering Drawing	18\$	-	2 hrs	50
13	Industrial / Field Visit	85	-	2 hrs	G#
14.	Practical's (Packaging Technology)	-	54	2 hrs	50##
	Total	301	54		700

One Credit Hour is 1hr. 15 mins.

Marks assigned on the basis of Seminar, Report, Submission,

Presentation and Viva-voce. 50% Marks assigned on the basis of submitted work (drawing sheets with exercises) & 50 based on exam

Theory Syllabus - Semester I

Mathematics I

Matrices, Differential Calculus, Differential Theorems, Integral Calculus and Differential Equations, Algebra, Polynomials, Business Mathematics.

Science (Chemistry and Physics)

Chemical Bonds, Thermodynamics, Electro Chemistry, Gas Laws, Viscosity, Velocity and Acceleration, Force, Laws of Motion, Energy.

Electrical Technology

Circuits, Generators, Distribution, Motors Transformers, Measuring Instruments.

Applied Mechanics I

Scalers and Vectors, Centre of Gravity, Friction, Moment of Inertia, Stress-Strain Theory, Load Distribution, Bending Deflections, Torsion Analysis, Columns, Joints.

Mechanical Technology

Workshop Processes and their Appraisal, Glass Containers: Manufacture, Hand Tools, Measuring Instruments.

by the students.

Engineering Mechanisms

Kinematics, Mechanical Drives, Gear Trains, Clutches and Brakes, Bearings, Introduction to Plastics & Polymers Cams, Dynamometer.

Packaging

Introduction, Components, Permeability, Mechanisms of Spoilage, Corrosion and Prevention of Corrosion, Package Evaluation, Ecological Aspects, Barcoding Applications in Packaging.

Paper & Paper Board

Cellulosic Materials, Processes in Cellulose Industries, Paper and Board Manufacture, Testing of Cellulose and Paper Materials, Speciality Papers, Folding Cartons, Multiwall Paper Sacks, Composite Containers.

Glass Technology

G means grade assigned on the basis of attendance, conduct and report submitted

Marks assigned on the basis of tests and viva-voce

For Practical/exercise, additional 18hrs

Properties, Fabrication, Operation, Leaching, Quality Control, Applications and Testing.

Polymeric Material, Properties, Applications, Polymer Composites, Introduction to Principles of Polymer Blends, Additives for Plastics, Testing & Evaluation.

Engineering Drawing

Drawing exercises to be completed on drawing sheets for submission.

Practical's

Experiments based on Paper & Paper board, Glass Containers: Properties and Applications.





Post Graduate Diploma in Packaging (PGDP)

Teaching Scheme - Semester II

Sr. No.	Name of the Subject	Theory No. of Credits	Practicals	Examination Duration	Marks
1.	Economics	18	-	2 hrs	50
2.	Principles of management	18	-	2 hrs	50
3.	Mathematics II	18	-	2 hrs	50
4.	Applied Mechanics II	36	-	3 hrs	100
5.	Industrial Electronics	18	-	2 hrs	50
6.	Fluid Mechanics and Machinery	18	-	2 hrs	50
7.	Introduction to Plastic Processing	36	-	3 hrs	100
8.	Rigid packaging Material (Non-Plastic – CFB, Composites, Metal, Wood etc)	36	-	3 hrs	100
9.	Ancillary and other packaging material	18	-	2 hrs	50
10.	Package Printing Technology	18	-	2 hrs	50
11.	Machine Drawing	18\$	-	2 hrs	50**
12.	Industrial / Field Visit	180	-	-	G#
13.	Project Work	-	-	-	50##
14.	Practical's (Packaging Technology)	54	54	2 hrs	50^
15.	Communication Skill	18	-	-	-
	Total	504	54		800

One Credit Hour is 1 hrs. 15 min.

\$ For practical exercises, additional 18 hrs. **50% Marks assigned on the basis of submitted work

Theory Syllabus - Semester – II

Economics

Study of Demand and Supply, Market Structure, Nature of Production, Distribution, National Income and Money.

Principles of Management

Definition, objective, function etc.

Mathematics – II

Introduction to Statistics, Application of Statistics in Packaging, Normal Distribution, Dimensional Analysis, Measures of Central Tendency, Measures of Dispersion Coefficient of Variations, Skewness, Simple Correlations and Regressions, Multiple Regression, Multiple and Partial Correlation and Variability, Design aof Experiments for Packaging Applications, Statistical Quality control.

Applied Mechanics - II

Simple Stress-Strain Theory, Theory of Communication Skills Torsion, Columns and Struts.

[#] G means grade assigned on the basis of attendance, conduct and report submitted by the students

** Marks assigned on the basis of report submission, presentation and viva-voce.

^ Marks assigned on the basis of tests, journal and viva-voce

Industrial Electronics

Electronic Devices: Tubes, Transistors, ICs, Rectifiers, Amplifiers, Oscillators, Analogue and Digital Measurements and Controls, Application of Computer in Packaging.

Fluid Mechanics and Machinerv

Hydraulic and Pneumatic Machines, Rotary Pumps, Centrifugal Pumps, Constant and variable Delivery Pumps.

Introduction to Plastic Processing

Injection moulding, Extrusion & Blow moulding, Calendaring, Thermoforming, Rotational moulding, Foam Plastics, FRP Process, Coatings, Wax and lamination Processing Technics.

Rigid Packaging Material (Non-Plastic - CFB, Composites, Metal, Wood etc.)

Fibreboard Containers, Drums, Tin, Aluminium Cans / Containers, Aluminium Foils, Steel Drums, Wooden Containers / Crates.

Techniques and practices

Ancillary and other Packaging Material

Cushioning, Textile Bags, Techniques of S e a l i n g P r o c e s s, A d h e s i v e, Reinforcement, Twines and cards, Clips, Hooks, Stitching Methods, Seals & Closures.

Package Printing Technology

Process of Communication, Printing Processes and Methods, Layout & Paste-up, Composition for Printing, Theory of Full Colour Graphic Arts, Photography, Printing Image, Carriers, Printing Presses, Paper and other Printing Stocks, Printing Inks.

Machine Drawing Submission of drawings based on exercises given.

Research Activities

Exposure to various research activities with laboratory assignments, analytical work as part of research projects by the Institute and also be entrusted with research projects after the completion of the Semester-II Examinations.

Practicals

Plastics Technology - Experiments connected with Plastics. Experiments on Seals, Coating, Laminates, Reinforcements.

Post Graduate Diploma in Packaging (PGDP)

Teaching Scheme - Semester III

Sr. No.	Name of the Subject	Theory No. of Credits	Practicals	Examination Duration	Marks
1.	Production Management	36	-	3 hrs	100
2.	Financial Management	27	-	2½ hrs	75
3.	Principles of Entrepreneurship	18	-	2 hrs	50
4.	Marketing Management	18	-	2 hrs	50
5.	Materials Management	18	-	2 hrs	50
6.	Product Packaging Food/Pharmaceuticals / Cosmetics/ Chemicals etc)	36	-	3 hrs	100
7.	Packaging Machinery	36	-	3 hrs	100
8.	Packaging Laws and Regulation	18	-	2 hrs	50
9.	Tooling and Design of Moulds for Packaging	36	-	3 hrs	100
10.	Introduction to Packaging Design Concepts	18	-	2 hrs	50
11.	Application of Computers in Packaging Design	18**	-	2 hrs	50
12.	Communication Skills	18	-	-	-
13.	Practical's (Packaging Technology)	54	54	2 hrs	50
	Tota	351	54		825

**For practical exercises, additional 18 hrs One Credit Hour 1hr. 15 mins.

Theory Syllabus - Semester - III

Production Management

Research, Quality Control, Production, Planning and Control.

Financial Management

Cost Accounting and Financial Management.

Principles of Entrepreneurship

Definition, Objective, Function etc

Marketing Management

Structure, Models, Market Research, Demand curves, Market Share estimation, Sale Models, New Product Development, Distributions Strategy, Market Research.

Material Management

Concept & Objective for Material Packaging Function, Purchasing System, Inventory, Costing, Demand for Casting, transportation, Evaluation Material

Product Packaging (Food / Pharmaceuticals / Cosmetics / Chemicals etc.)

Industrial Engineering, Operations Introduction to Food Preservation / Packaging Technology, Method of Storage, Elements, Principles of Typography, Packaging of Food, Pharmaceuticals, Cosmetics, Chemicals and other products.

Packaging Machinery

Filling of Dry and Liquid Products, Filling of Carbonated Liquids and other Packaging Techniques, Cartoning, Labelling, Thermoforming.

Packaging Laws & Regulations

Standards and Standardisation, Quality Auto CAD-Standard, Eco Regulations, FSSAI Rules Practice Session and Regulations etc.

Tooling and Design of Moulds for

Injection Moulds, Blow Moulds, Extrusion Dies, Product Design, Designing for Packaging Application.

Introduction to Packaging Design Concepts

Introduction to design, 2D&3D dimensional Design, Study of Visual Introduction to visual ergonomics, understanding the relationship between consumer & communication Design.

Application of Computers in Packaging Design

Commands and systems variables, to coordinate a system, creating objects, editing methods, Layers and object properties, Creating 3D objects etc.

Communication Skills

Techniques and practices

Practicals (Packaging Technology)

Experiments connected with Metal Containers. Experiments connected with Permeability, Shelf-life Studies of Food, Cosmetics and Pharmaceutical Products





Post Graduate Diploma in Packaging (PGDP) Teaching Scheme - Semester IV

Sr. No.	Name of the Subject	Duration	No. Credit Hrs	Marks
1.	Industrial Training & Report	5 months	480	500*
2.	Overall Performance		-	100**

*To submit typed report as Project work based on training and viva-voce. **Marks will be assigned on the basis of regularity in attendance, conduct and progress.

TOTAL CREDIT HOURS

1.	SEMESTER - I	355
2.	SEMESTER - II	504
3.	SEMESTER - III	351
4.	SEMESTER - IV	480

CAMPUS PLACEMENTS

At the end of the Semester IV campus placement is arranged, wherein, students have the opportunity to face interviews arranged with a number of interested companies including from abroad. Campus placement interviews will be conducted at Mumbai & Kolkata centre.

Assistance in Placement will be provided by the Institute only to the Students who have 90% attendance in all the semesters in all the subjects. Student with less than 90% attendance will not be allowed to appear in the Campus Placement Procedure.



Placement Interview



HEAD OFFICE

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