



SIES

RISE WITH EDUCATION

School of Packaging
Packaging Technology Centre

INFORMATION BROCHURE

& PROSPECTUS - 2024

- | Packaging Education & Training
- | Testing, Evaluation & Certification Packaging Projects - Research & Consultancy
- | Events & Exhibitions

SIES SOP **STAR** AWARDS

For Excellence in Packaging





SIES

RISE WITH EDUCATION

School of Packaging
Packaging Technology Centre



VISION

To be a Premier Institute for Packaging Education, Training, Testing, Research and Consultancy, working on sustainable and innovative solutions in close collaboration with National & International Packaging Community, thus playing an active role in creating awareness about Packaging in the Society.



MISSION

- ▶ To continuously enrich the educational programs for providing better talent to the industry.
- ▶ To establish a vibrant and collaborative industry academia interface.
- ▶ To upgrade testing laboratory capability as per the latest Industrial needs.
- ▶ To build, improve and expand knowledge base in the field of packaging research & consultancy services.



QUALITY POLICY

SIES School of Packaging / Packaging Technology Centre is committed to Customer Delight by providing services of Education & Training, Testing, Evaluation & Certification, Research & Consultancy and Events & Exhibitions through proper utilization of all its available resources, continually improving the effectiveness by increasing the competency of its team members and complying with statutory, regulatory and QMS requirements.



HONOUR CODE

The Honour Code of SIES rests on contemporary student's perception of the value systems and the various practices. SIES firmly believes in secular education and supports cultural and ethnic diversity in the community. The society ensures that its graduates in humanities go out into government and industry with an understanding of the role of science and technology in the scheme of things and its graduates in sciences and technologies go out into the world with an understanding of the power structure of the society and the humanizing influence of the Arts. The Honour Code dwells on the Panchsheel of our philosophy.

- ▶ Honesty and Fairness in dealings, equity being central to any action
- ▶ No discrimination based on caste, creed, community or wealth.
- ▶ Pride in the Nation - "**India First**"
- ▶ A commitment to Preserve, Protect and Perpetuate Indian Culture, Traditions and Values. This includes
 - i. Respect for Teachers and Elders
 - ii. Understanding and Empathy for the Challenged students

The Honour Code is entirely administered by the student body. The faculty and the administration co-operate with the honour committee in ensuring compliance of the Honour Code. Every student of the society is made aware of the Honour Code and the responsibility of its maintenance imposed on them. Students found guilty of an honour offence, without exception, are dismissed permanently from the institution where they are enrolled. A student accused of honour violation has a fair opportunity to present his view point before any decision is taken.

The Honour Code would certainly bring benefits both to the individual student and to the society.

CREDENTIALS



Recognised as a Scientific and Industrial Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India.



ISO 9001:2015 Certified to provide Packaging Testing & Evaluation Services



Member of the World Packaging Organization (WPO), Vienna, Austria. The two-year Post Graduate Diploma in Packaging Science & Technology is recognised Training program by the WPO.



Member of the International Association of Packaging Research Institutes, USA.

About SIES SOP/PTC

The SIES School of Packaging/Packaging Technology Centre (SIES SOP/PTC) is an apex body which was set up in 2001 by SIES Trust and allied industries, under the guidance of Late Shri. P. V. Narayanan, who was known as the “Bheeshma Pitamaha” of the Indian Packaging Industry, with the special objective of improving the packaging standards in the country. 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.

Major Activities

- ▶ Education & Training
- ▶ Events and Exhibitions
- ▶ Research & Consultancy
- ▶ Knowledge Dissemination
- ▶ Testing, Evaluation & Certification

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 available in the laboratories.

Exhibition & Design Centre

This division organises and endeavours participation in exhibitions on a regular basis. The Permanent Exhibition Centre in Mumbai offer display outlets for the products of the industry. Industrial designs are developed as per client’s requirements.

Information & Publication

This division provides information related to the packaging industry, in addition to publishing various monographs and textbooks, seminar papers and directories, periodically. ‘**PACKEDGE**’, the official Journal of the Institute published four 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.



Library and Internet Services

SIES SOP is privileged to have one of the best reference libraries in the world, with books, International periodicals, bound volumes of journals, besides many reports, National & International Standards, database on products and materials along with reprographic facility also available. Library facilities are extended to the members of the Institute, all students and faculty. The SIES SOP library has a rich collection of nearly 700 Titles and around 3000 Volumes of 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 several seminars, technical reports, and dissertations. The information input is also augmented through technical journals obtained from various sources, on a regular basis.

SIES SOP STAR AWARDS

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. SIES SOP has instituted the ‘SIES SOP STAR’ Awards, the National award for Excellence in Packaging to promote and encourage excellence in Packaging Design, Innovation and Sustainability, once in a year. Over a period of time, this award programme is firmly entrenched and is most popular as the premier event for India’s packaging fraternity.



INDUSTRY CONSULTING SERVICES

The Institute undertakes Consultancy Projects covering different aspects of Packaging Standards, Packaging Audit, Cost Optimization, Damage Reduction/Elimination, Shelf Life Studies, Product Package Compatibility Studies, Substitutions of Packaging Materials, Design Improvement of packages for a range of products both Consumer & Industrial.



Consultancy Services include:

- ▶ Shelf Life Studies
- ▶ Vendor Management
- ▶ Package Material Testing
- ▶ Benchmarking in Packaging
- ▶ Packaging Audits & Validation
- ▶ Cost Optimization in Packaging
- ▶ Training for Industry Personnel
- ▶ Packaging Design & Development
- ▶ Damage Analysis and Trouble Shooting
- ▶ Guidance for ISO 9001 QMS Certification
- ▶ Guidance for setting up of Quality Laboratory
- ▶ Guidance for selection of Packaging Machinery
- ▶ Guidance for increasing productivity on Packaging Lines

And many more services....

Some of our esteemed clientele include MNC's, Entrepreneurs, Packaging material users and converters.

Global Initiatives

SIES SOP/PTC introduced a Distance Education Programme GDPT (DL) in 2002, the 12-month course, designed primarily for working professionals. This course is open to industry personnel and to students in India, the Asia Pacific Region and other countries. This initiative was taken to meet the growing demands from industrial units, in both the organised and unorganised sector for qualified technical manpower. Short Term Training Programmes, Seminars and Conferences of 1-day to 1-week duration are organised throughout the year, specially designed for Industry as well as for working executives.



TESTING & EVALUATION SERVICES

State-of-the-Art Laboratories

From the very beginning of its establishment in 2001, SIES SOP/PTC has been able to establish well- equipped laboratories for testing of various packaging materials and packages. Today, the Institute is proud to announce that the laboratory has got the facility for testing over 200 parameters covering different areas like Mechanical, Chemical and Physico-Chemical properties of packaging materials and packages.

Our Laboratories extend testing facilities to the industry for domestic distribution and export, as per National and International Standards like the Bureau of Indian Standards (BIS), American Society for Testing Materials (ASTM) and others.

The division comprises of the following laboratories:

- ▶ Chemical Laboratory
- ▶ Transport Laboratory
- ▶ Microbiology Laboratory
- ▶ Material Testing Laboratory
- ▶ Exposure Studies Laboratory
- ▶ Barrier Properties Laboratory
- ▶ Sensory Evaluation Laboratory

Activities

Activities carried out include:

- ▶ Transport worthiness Testing
- ▶ Testing based Consultancy Projects
- ▶ Hands on Laboratory training programme
- ▶ Training programme on Testing and Quality Control
- ▶ General, Physical, Chemical and Microbiology Testing

SIES SOP PTC is ISO 9001:2015 Certified to provide Packaging Testing & Evaluation Services

(Please get in touch with us at soplab@sies.edu.in for list of tests offered & rates of the same.)



Physical Mechanical Laboratory



Physical Mechanical Laboratory

PATRON MEMBERS OF SIES SOP/PTC

(A) PATRON MEMBERS

1. IMA-PG India Pvt. Ltd.
2. Mespac India Pvt. Ltd.
3. Yogeshwar Plaspax LLP
4. Kanodia Technoplast Ltd.
5. Wraptech Machines Pvt. Ltd.
6. Godrej Consumer Products Ltd.
7. Vel-Vin Packaging Private Limited
8. Reifenhäuser (India) Marketing Ltd.

(B) CORPORATE LIFE MEMBERSHIP

1. TCPL Packaging Ltd
2. Federal India Trading Company



VALUE OF PACKAGING HITS \$1 TRILLION



Total Value of Packaging

| 2021 | 2026 forecast |
|------------------|-----------------|
| \$1.101 trillion | \$1.22 trillion |

Top 3 Markets in Global Sales



| 2021 | 2026 |
|--------------------------------|--------------------------|
| 41.6% Industrial / Transit Pkg | 1 \$1.22 trillion |
| 29.6% Food | 2 Food |
| 13.9% Beverage | 3 Beverage age |



Top 4 Countries

- China
- USA
- India
- Germany



Source: Smithers, The Future of Global Packaging to 2028

WHY PACKAGING ?

India is the third largest national market, with packaging sales overtaking Germany for the first time in 2022.
 The global packaging market is forecast to grow from USD 1.17 trillion to USD 1.42 trillion by 2028. The packaging market is forecast to expand at a CAGR of 3.9%. Of which, the flexible plastics will be the material type with the highest CAGR of 5.1% for 2023–28.

Amongst various professions, Packaging is a unique discipline that blends Science, Art, Technology, Design, Research, Marketing, Supply Chain, Quality and many other business principles. Since ages, the basic goal for packaging has always been to preserve, protect and transport the product. Now, in addition to these, a Package has become a primary tool for marketing a product and is often a significant factor in propelling the business profitability. In fact, this has become a major subject of discussion and decision making in organization's boardrooms.

Packaging Industry is growing at a faster pace than yesteryears as the demand for newer packaging formats and technologies continue to grow rapidly. Since this has become a vital part of our present-day market economy, Packaging Professionals are required to be a part of a team that is involved in the product development and ensuring that the product is delivered to the end consumer in the most desirable condition. The role played by Packaging is becoming more and more vital in the entire value chain.

The demand for Packaging Professionals is growing because the market is focusing on Customer Satisfaction and the Value for money. Well trained Packaging professionals are required in almost all the Industries to manage various functions related with Packaging. At the same time, students are asking for more information about suitable professional courses in Packaging enabling them to get an employment. Over a period of time, even working professionals are getting more inclined in doing a part time or correspondence course in Packaging to upgrade their skills and keep themselves relevant in the job market.



PACKAGING AS A CAREER

Packaging is an all pervasive field

Virtually every product needs packaging, making packaging a definite activity in all industries

– *a Landmark for career potential !!*

Mass Consumption and Global Competition

Mass Consumption has led global trade to be highly competitive, leading to discriminating market trends. Packaging as an integral part of product & marketing, is the U.S.P

– *Super Dynamic indeed !!*

Survival through Professional Approach

Industry has realized that to survive in today's global highly discriminating market, professional approach is the key. Packaging is no exception. Demand for professional packaging technologists is evident

– *Golden Opportunity !!*

Updated Technology and Knowledge

Dynamics in technology for better productivity. Updation of knowledge in the field is imperative. Qualified professionals

– *The Resource !!*

JOB PROSPECTS

Potential Industries for Packaging Professionals

Pharmaceutical, Food, Cosmetics, Fragrance, Personal Care, Toiletries, Fresh Foods, Processed Foods, Agrochemicals, Engineering, Electronics, Automobiles, Lubricants, Textile, Handicraft, Laboratory Chemicals, Contract Packaging, Machinery Manufacturers, Packaging Material Suppliers, Converters, Establishments & Institutions and a score of other Industry segments.

Potential Roles in the Industry

Packaging Development, Sales and Marketing, Production, Quality Assurance and Quality Control, Logistics, Procurement, Vendor Development, Supply Chain, R & D, Design & Innovation in Packaging Materials, Process, Machinery etc.

Entrepreneurship & Business Opportunities:

Many of our Students have ventured into their own business and have become successful entrepreneurs. There is a big gap in the Industry due to the lack of Qualified Packaging Professionals to meet the ever-increasing demand to provide Quality Packaging Solutions of International standard.



EDUCATE YOURSELF TO BE A PACKAGING PROFESSIONAL

SIES School of Packaging / Packaging Technology Centre (SIES SOP/PTC), established under the aegis of SIES (South Indian Education Society) in 2001 has grown in stature as one of the most reputed education and training centres in the field of Packaging.

SIES SOP/PTC has its activities focused towards Education, Training, R&D, Data interface including Market/Economic Research, Techno Economic Projects, Technical Consultancy, Testing, Evaluation & Certification, Package Design and Development, Quality Control and Industrial Orientation all related to packaging on one hand and Social and Societal needs on the other.

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. At the same time, hands on Practical training and visit to Packaging converters and user industries are made part of the curriculum to expose students to the practical aspects of the subject.

In an organisation, since a Packaging Professional plays a vital role, students are also exposed to management courses such as Marketing, Finance, Production, Project, Logistics, Supply Chain, Total Quality Management and above all Costing. SIES SOP/PTC has recently added courses related to Sustainability, Computer Aided Design, Mould & Tool Design, Business Communication Skills & Public Speaking.

We have a dedicated Computer Laboratory equipped with software such as AutoCAD, CorelDraw, Adobe Photoshop & Illustrator, SolidWorks, ArtiosCAD (ESKO). Students are also going to be exposed to Artificial Intelligence, Augmented & Virtual Reality, Internet Of Things, Robotics and Blockchain Technology through Workshops & Seminars.

These courses are very well received by the Industry which is evident through the repeat visits of many corporate bodies and MNCs for campus placement. All our students are respectfully placed with exciting job offers. Some of our students have also got overseas assignments and are settled abroad.

SIES SOP/PTC also started Part Time and Distance Learning Courses for working professionals in 2002. We have been receiving overwhelming response for these courses as well. Online Course is also being planned soon. 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. Globalization 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 greater importance.



COURSES OFFERED

Post Graduate Diploma in Packaging Science & Technology (PGDPST)

Two Year – Four Semesters – Full Time

Industrial Internship & On-the-Job Training (in Semester IV) (WPO Recognised)

Graduate Diploma in Packaging Technology GDPT (PT)

One Year – Two Semesters – Part Time

Industry Recognised

Graduate Diploma in Packaging Technology GDPT (DL)

One Year – Two Semesters – Distance Learning Programme / Through Correspondence.

Industry Recognised

Intensive Certificate Course in Packaging (ICCP)

3 Months – Online Self-paced

Industry / Product / Material – Oriented

Industry and Government Sponsored Specific Programmes

Short Term

Industry / Product / Material – Oriented



ACADEMICS – SALIENT FEATURES

1. High Calibre Faculty
 - a. Internal faculty from SIES
 - b. External Faculty (Experts from Industry & Institutes)
2. Library – Reference Books, Text books, Reports and Standards
3. Industrial & Institutional Journal and Magazines
4. Lecture Notes & Reading Materials
5. Computer Centre & Engineering Workshop
6. AutoCAD, ArtiosCAD, SolidWorks, CorelDraw, Adobe Photoshop, Illustrator, Indesign Softwares.
7. Laboratories (Transport Lab, Mechanical & Physical Lab, Exposure & Sensory Lab, Microbiology Lab, Chemical Lab)
8. Industrial Visits, Industrial Training & Group Projects
9. Industry Placements
10. Air – conditioned Classrooms
11. Multi-Cuisine Cafeteria
12. Seminar Room
13. Video Conferencing Facility

INFRASTRUCTURAL SUPPORT & SPONSORSHIP

Essel Propack Ltd.

Instrumentation Laboratory

Sensory Evaluation Laboratory

Wraptech Machines Pvt. Ltd.

B D Meghani Memorial Conference Hall

Positive Packaging Industries Ltd.

Physical Mechanical Testing Laboratories

STUDENT RECOGNITION

Endowments (Medals)



Scholarships (Cash & Certificates)

Essar Endowment

Award for Outstanding Performance Student

Positive Packaging Industries Ltd.

(now Huhtamaki india Ltd)

Best Student In "Flexible Packaging"

Perkin Elmer India Pvt. Ltd.

Best Student In "Testing & Quality Control"

Menshen Ropa Plastics Ltd.

Best Student In "Caps, Closures & Dispensing Systems"

Press Ideas Publishing Pvt. Ltd.

Best Student In "Package Printing"

IFIBCA (FIBC Manufacturers' Association)

Best Student In "Flexible Bulk Packaging"

Kamdhenu Trust Award

Best Student In "Packaging Machinery"

Crest Packaging

Best Student in GDPT (Part Time Course)

Rajoo Engineers Ltd.

Best Student In "Plastics Packaging"

Vel-Vin Packaging Pvt. Ltd.

Best Student In "Corrugated Fibre Board Packaging"

Mr. Chunekar & Family

Best Student In "Chemicals Packaging"

Sealed Air (I) Pvt. Ltd.

Best Student In "Industrial Packaging"

Dr. Y.K. Hamied Endowment (CIPLA)

Best Student In "Pharmaceuticals Packaging"

Prof. C. S. Purushothaman Endowment

"The Most Enterprising Student"

LMAI (Label Manufacturers' Association of India)

Best Student In "Label & Labelling"

Mr. Prabhakaran Scholarship

instituted by Packfora LLP

EMINENT REGULAR RECRUITERS



Asian Paints

Ansapack

Anchor

Bizongo

Cavinkare Limited

Cheryl Laboratory

Cipla

Dabur

Diadeis

Emita

Encept Premedia

Equity Packaging

Faber Castell

Flamingo Pharmaceuticals Ltd.

Futuring Design

Future Group

Glint Cosmetics

Glenmark Pharmaceuticals

Godrej Consumer Products Ltd

Hindustan Unilever Limited

Huhtamaki Paper Products Limited

Huhtamaki Webtech Labels

Inventia Healthcare Pvt. Ltd.

ITC Limited

Kellogg's India

Kopran Pharmaceutical

Kris Flexipacks Limited

L'Oreal India Pvt. Limited

Emami Limited

Larsen & Tubro

Mahindra & Mahindra

Montage

Oraios Packaging

Pactech

Raj Enterprises

Reliance

R-Pac International

SMI Coated Products Pvt. Ltd.

TCPL Packaging

The Himalaya Drug Company

Gopal Das

Unisource

Hem

Zenith

Himadri Masala

Zydus Cadila

And many more



POST GRADUATE DIPLOMA IN PACKAGING SCIENCE & TECHNOLOGY (PGDPST)

Course Highlights

(Recognised by WPO)

Two – Years Full Time Programme with Industrial Internship & Training

Eligibility: Any Graduate in Sciences (B.Sc.) in Physics, Chemistry, Food Technology, Biotechnology, etc, Engineering (B.E.), Technology (B.Tech), Pharmacy (B. Pharm) and such branches.

Selection Process: Entrance Test & Interview

Intake capacity: 60 per batch

Salient Features

- ▶ Group Discussion
- ▶ Industry Study Tour
- ▶ Prototype Designing
- ▶ Periodic Assignments
- ▶ Seminars & Oral Presentations
- ▶ Industry Sponsored Scholarships for Meritorious Students
- ▶ Industry Sponsored Merit Award Projects in Creativity & Innovation
- ▶ Laboratory sessions, supplemented by hands-on Laboratory Training
- ▶ Visits to Industry, R & D Centre, Machinery Manufacturers, Events & Exhibitions.
- ▶ Student contributed papers at National Seminars & Conferences, Journals & Periodicals
- ▶ Lectures sessions delivered by Faculty and Industry Experts, supplemented by reading materials.

Conduct & Discipline

The student shall conform to a high standard of Discipline and shall conduct himself/herself, within and outside the precincts of the Institute in a Professional way, following strict Ethical Standards.

Semester Schedule & Examination

1. Semester I - July to Dec | Examination – Jan 1st week.
2. Semester II - Feb to June | Examination – July 1st week.
3. Semester III - July to Dec | Examination – Dec 3rd week.
4. Semester IV - Jan to June | Assessment – July 1st week.

Attendance & Dress Code

Minimum 75% in each semester.

Dress Code: Formal Wear on Weekdays, Semi-Formal / Casuals on Weekends.

Library

Books / Reports are provided through library for reference. Background materials also provided (Softcopy).

Campus Placement

Starts in July.

Annual Convocation

November/December.



Semester – I Courses:

Applied Mathematics with Applications in Packaging, Basic Sciences (Physics, Chemistry & Microbiology), Applied Mechanics – I, Engineering Mechanisms, Basic Mechanical Technology Workshop, Basic Electrical Engineering, Packaging Introduction & Fundamentals, Paper Technology (Paper-based Packaging Materials), Glass & Metal Packaging Technology, Plastics in Packaging Technology, Hands-on Laboratory Training on Packaging Material Testing & Evaluation, Industrial / Field Visit, Seminar – I, Communication Skills & Public Speaking.

Semester – II Courses:

Statistics with Applications in Packaging, Applied Mechanics – II, Engineering & Machine Drawing, Industrial Electronics, Solid-Fluid Mechanical Operations, Total Quality Management & Economics, Ancillary Packaging Materials, Package Printing Technology, Plastic Processing & Conversion Technologies, Flexible Packaging, Hands-on Laboratory Training on Package Performance Evaluation, Package Design Lab - Structural & Graphics, Industrial / Field Visit, Seminar – II, Business Communication & Corporate Ethics.

Semester – III Courses:

Marketing Management, Production Management, Financial Management, Project Management & Entrepreneurship, Logistics & Supply Chain Management, Packaging Costing, Sustainable Packaging, Packaging Laws & Regulations, Packaging Machineries & Systems, Export & Bulk Packaging, Packaging of Consumer & Industrial Products, Mould & Tool Design for Packaging, Hands-on Laboratory Training on Food Packaging & Package Development. Industrial / Field Visit, Projects.

Semester – IV Courses:

Industrial Training & Project.

Passing criteria

40 Percent minimum in each Paper/Subject Head & Aggregate 50 Percent.

Class Awarded

Second Class: >50% | First Class: >60% | Distinction: >70%

Fees:

- | Rs. 1,48,680/- per year (Inclusive of 18% GST).
- | Students are required to complete the course successfully to get the certificate.
- | Fee includes Tuition Fees, Reading Materials, Examination Fees.
- | Rs 500/- For Application Form.



GRADUATE DIPLOMA IN PACKAGING TECHNOLOGY

Part – Time - GDPT (PT)

Course Highlights

Industry Recognised

One Year PART TIME.

Lectures are conducted online on Saturdays.

Eligibility: Graduate / Diploma with work experience or any industry sponsored candidate

Course Commencement:

Semester I: August – December

Semester II: January – June

- ▶ Course work completed in 2 Semesters,
- ▶ Examinations at the end of each semester

Examination Pattern:

Semester - I

End Semester Exams: (250 Marks)

- ▶ Paper 1 (Subjective) (100 Marks)
- ▶ Paper 2 (Subjective) (100 Marks)
- ▶ Paper 3 (Objective) (50 Marks)

Semester - I

End Semester Exams: (350 Marks)

- ▶ Paper 1 (Subjective) (100 Marks)
- ▶ Paper 2 (Subjective) (100 Marks)
- ▶ Paper 3 (Objective) (50 Marks)
- ▶ Seminar Report (100 Marks)

Passing Criteria:

40 % in each paper & aggregate 50 %.

Attendance

Minimum 75% in each semester.

Reading Materials:

Course materials will be provided in softcopy.

Class Awarded

Second Class: >50% | First Class: >60%

Annual Convocation

November/December.

Fees:

- ▶ Rs. 70,800/- (Inclusive of 18% G.S.T.)
- ▶ USD 1800/- (for overseas candidates)
- ▶ Non-Refundable. Students are required to complete the course successfully to get the certificate.
- ▶ Fee includes Tuition Fees, Reading Materials, Examination Fees.
- ▶ Rs 500/- For Application Form.



Semester – I Courses:

- 1. Fundamentals of Packaging:**
Packaging Concepts, Classification of Packaging, Types of Packaging, Functions of Packaging
- 2. Packaging Design and Development:**
Factors and Criteria, Product and Packaging, Materials Characteristics, Introduction to Global & Indian Packaging Industry scenario
- 3. Primary Packaging Materials:**
Paper, Paper Boards, Metal, Glass, Plastic, Flexible, Composites, RIBCs and FIBCs, Wood ...
- 4. Ancillary Materials:**
Labels, Caps/Closures,

Semester – II

- 1. Package Printing:**
Package Graphics, Premedia, Package Printing Processes– Gravure, Offset, Flexography, Screen & Digital Printing
- 2. Package Testing and Quality Control**
Package Materials Testing & Quality Control, Package Performance Evaluation, Specifications and Development Process
- 3. Product Packaging:**
Packaging of Fresh & Processed Foods, Dairy Products, Pharmaceuticals, FMCG, Cosmetics, Engineering & Electronic Goods, Chemicals and others.
- 4. Packaging Machinery**
- 5. Packaging Management, Packaging Laws & Regulations**
- 6. Seminar (Dissertation)**

GRADUATE DIPLOMA IN PACKAGING TECHNOLOGY

Distance Learning – GDPT (DL)

Course Highlights

Industry Recognised

One Year Distance Learning Program

Through correspondence.

Eligibility: Graduate / Diploma with work experience or any industry sponsored candidate

Course Commencement:

Semester I: August – December

Semester II: January – June

- ▶ Course work completed in 2 Semesters,
- ▶ Examinations at the end of each semester

Examination Pattern:

Semester - I

End Semester Exams: (250 Marks)

- ▶ Paper 1 (Subjective) (100 Marks)
- ▶ Paper 2 (Subjective) (100 Marks)
- ▶ Paper 3 (Objective) (50 Marks)

Semester - I

End Semester Exams: (350 Marks)

- ▶ Paper 1 (Subjective) (100 Marks)
- ▶ Paper 2 (Subjective) (100 Marks)
- ▶ Paper 3 (Objective) (50 Marks)
- ▶ Seminar Report (100 Marks)

Passing Criteria:

40 % in each paper & aggregate 50 %.

Reading Materials:

Course materials will be provided in softcopy.

Course curriculum shall be same as prescribed for Part-Time course.

Fees:

- ▶ Rs. 47,200/- (inclusive of 18% GST)
- ▶ USD 990/- (for overseas candidates)
- ▶ Non-Refundable. Students are required to complete the course successfully.
- ▶ Fee includes Reading Materials, Examination Fees.
- ▶ Rs 500/- For Application Form.





INTENSIVE CERTIFICATE COURSE IN PACKAGING (ICCP)

3 Months (Online – Self-paced)

Course Highlights:

Get acquainted with the complete gamut of materials, conversion processes, equipment / machineries, latest trends in packaging, especially for those who do not have a formal packaging education or background. This course could essentially mean “Packaging for Non-Packaging People” and could also help the candidates assess the significance of packaging in whichever industry they belong to.

Eligibility: Anyone having completed 12th standard (HSC), ITI, Diploma, Vocational Course, Degree Course (any stream), Working professionals, Entrepreneurs / Startups

Course Details:

Dates: Can be enrolled anytime of the year

Features:

- 12 Weeks course
- 12 recorded lecture videos / week
- 12 MCQ Assignments (1 Assignment at the end of each week)
- 3 days of Interactive Packaging Testing - Practical Demonstrations (Recorded) and Online Live interaction
- 3 Case studies on Packaging.

Passing Criteria:

Min 50 % to be scored in all 12 assignments.

Reading Materials:

Packaging Fundamentals, Packaging Materials (Paperbased, Plastics, Metals, Glass, Wood), Ancillary Packaging Materials (Closures, Labels, Adhesives, Cushions, Inks), Package Design & Printing, Flexible & Rigid Packaging, Export & Bulk Packaging, Product Packaging (Food, Pharma, Chemicals, Cosmetics, Industrial, etc.), Packaging Machineries & Systems, Packaging Laws & Regulations, Packaging Testing & Quality Control, Specialty Packaging & Latest Trends, Packaging Sustainability & Environment

Fees:

- ▶ Rs. 49,265/- (Inclusive of 18% GST) Non-Refundable. Students are required to complete the course successfully to get the certificate.
- ▶ USD 1050/- (for overseas candidates)

INDUSTRY AND GOVERNMENT SPONSORED SPECIFIC PROGRAMMES

Short – Term

Course Details & Contents:

SIES School of Packaging /Packaging Technology Centre offers courses designed to suit the specific needs for the industry.

These include Orientation Programme, Workshops, and Seminars of durations ranging from one day to a fortnight. Short – Term Programme up to 3 months. These are organized at conference facilities at SIES SOP/PTC or at a select centre/venue or in plant.

We also undertake Training Programmes on Packaging related areas finalized through discussion with the Company/ Industry.

Some of Identified Areas are:

- ▶ Package Cost, Economics
- ▶ Products and Specialty Packaging
- ▶ Packaging Productivity Techniques
- ▶ Package Material Quality Awareness
- ▶ Package Materials Testing, Package Evaluation
- ▶ Package Procurement /Specification Development
- ▶ Quality Management of Packages & Package Materials
- ▶ Packaging Fundamentals/Principles and Developments
- ▶ Packaging –The effective Distribution and Marketing aid
- ▶ Laboratory Training on Testing & Quality Assessment- Hands on

Training fee and Course details would depend upon the Topic, Course Content, Venue, Number of Participants, Food, etc.



SIES SHALL BE AMONGST THE MOST ADMIRABLE ACADEMIC INSTITUTIONS IN INDIA

WHAT DOES ADMIRATION MEAN?

A feeling of wonder, pleasure or approval.

The act of looking on or contemplating with pleasure

Approval, esteem, regard, affection, veneration, honor, idolization, reverence - synonyms for admiration

OUR ADMIRATION SHALL FLOW FROM

The quality of our efforts in the field of education

The quality – the reach, the expanse and sweep of our academic services

Our respect for 'Law' at all times

The creation of an SIES Family where a full family tree would have experienced SIES as students

WHAT DOES THAT CONVEY FOR SIES?

We shall confine ourselves to our core competence i.e. universalising education

We shall redefine the boundaries of our activities beyond Mumbai, Navi Mumbai to India

We need not be 'BIG' but shall endeavour to be the 'BEST'

We shall be 'Admired' for our activities in life learning process through 'Education' The admiration shall come from all stakeholders – students, staff, society

Our scale of admiration shall be based on the value addition we provide during the student days

We shall ever remain 'Student centric' for we have no existence without them

IT'S HALF WAY THROUGH OUR CENTENARY IN 2032

Phase I - GOALS

Student strength to reach over 50,000

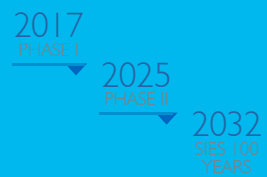
SIES – University for Higher education

All institutions accredited at the highest grade 'A' for e.g. in NAAC

Socially responsive education. Beyond the classrooms or social media. 'ISR' the dominant face of SIES. A Good share of admiration from ISR.

Most vibrant network of Alumni, Past Teachers and Staff, present human resources creating the vast SIES Family.

Phase II – Goals and action plan in 2022



THE IDENTITY FOR ANY SIES INSTITUTION

A distinct logo within the SIES logo

A value lab An ISR Department

A Past Student's Association within the institution without separate legal existence

An active forum for parents and teachers

Capitation Free Merit based student enrollment at all levels

Highest accreditation from a National Agency

Research unit

SIES School of Packaging Packaging Technology Centre

SIES Activity and Research Centre

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