



Indian Institute of Packaging, Lucknow
An Autonomous Body of
Ministry of Commerce & Industry, Govt. of India.



Fragrance & Flavour Development Centre
An Autonomous Body of
Ministry of Micro, Small & Medium Enterprises, Govt. of India.

ADMISSION OPEN

For Six Months Online Certificates Programme on

PACKAGING & PROCESSING OF FRAGRANCE, FLAVOUR & COSMETICS

15th March - 15th September, 2025



Last date of Registration:- 01st March, 2025 by 5 PM

OBJECTIVE



To render participants about overall aspects related processing & packaging of fragrance, flavor & cosmetics enabling them to package in way so as to make Indian fragrance, flavour & cosmetics competitive in local & global market and better for consumer. To have basic idea about total processing methodology of fragrance, flavour & cosmetics so that better & effective packaging. To have idea about different types of packaging & their national & international norms. To have knowledge about Labeling as applied to fragrance, flavour & cosmetics & also about quality assessment for fragrance, flavour, cosmetics & its packaging.

PROGRAMME DETAILS

1. Duration	96 hours (6 Months)
2. Timing	02.00PM to 06.00PM (Only on Saturday)
3. Intake	50 Participants
4. Eligibility	Any professional working and handled fragrance, flavour and cosmetic field
5. Fee	Rs. 25,000/- per participant
6. Venue	Virtual (Via Webex)
7. Last date of Application	1st March 2025
8. Commencement of Course	15th March 2025

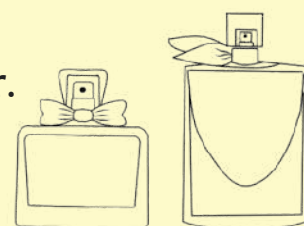
NOTE

- Examination & certification- Candidate with minimum 70% attendance and the examination score more than 50% is compulsory for successfully completion the course and eligible to receive the e-certificate
- Fee is not refundable

COURSE CONTENT

Fragrance & Flavour

- Global scenario & market potential of aromatic crops, essential oils, fragrances & flavour.
- Availability & economics of commercially important aromatic crops in India.
- Fundamentals of processing principles & extraction techniques for fragrant raw materials.
- Production of essential oils.
- Production of concrete, absolute, oleoresin & resinoids.
- Demonstration of aromatic garden and production of essential oils by Field Distillation Unit (FDU).
- Basics of fractional distillation as applied to essential oils like, lemongrass, citronella, palmarosa etc.
- Terminology of technical terms used in fragrance, flavour and essential oil industry.
- Schemes of Ministry of Micro Small Medium Enterprise, Govt. of India for setting up an enterprise.
- Application of essential oils, fragrances & flavours in various products like agarbatti, Dhoopbatti.
- Value addition in essential oils.
- Quality assessment of fragrant raw materials.
- Chemical analysis of essential oils / Aroma chemicals.
- Modern instrumental analysis essential oils / Aroma chemicals.
- Odour quality evaluation.
- Classification & familiarization of fragrant raw materials.
- Fundamentals of fragrances & flavor creation.
- Classification, differentiation, memorization & recognition of odours.
- Perfumery (a.) Raw Material (b.) Formulation.
- Storage of fragrant raw materials, fragrance & flavour.
- Creation of flavour & fragrances.
- Cream, shampoo, talcum powder.



Cosmetic

- Basics in Cosmetics: Cosmetic definition, Vehicles used in cosmetics, Types of cosmetics, Common ingredients used in cosmetics, surfactants, additives, antioxidants, preservatives, lipids etc,
- Basics in Herbal cosmetics: Definition herbal cosmetics, types of herbal cosmetics, designing of herbal cosmetics.
- Methods of extractions of herbs: distillation, maceration, decoction, solvent extraction.
- Formulations of Creams, Pastes, Oils, shampoo and Gels with study of raw materials required to create the formulations.
- Stability studies and Analytical evaluation of Cosmetics.
- Different Regulations with respect to labeling and Packaging of Cosmetic products.

Packaging

- Packaging Concept Introduction to Global & Indian Packaging Industry Scenario.
- Fundamentals of Packaging Materials Science & Technology.
- Functions of Packaging, Distribution hazards.
- Detailed study of Traditional Materials of Packaging : Paper & Paper based.
- Type of Packaging Materials in Fragrance Flavour & Cosmetic: Glass, Metals, Jute, Cellulose & Wood-based materials.
- Plastics Packaging in Flavours, Fragrance & cosmetics.
- Glass Communicates Brand Values in Beauty Packaging.
- Composite & Ancillary Materials: Labels, Tags, Caps, Closures.
- Reinforcements, Strapping, Tapes, Holograms, Cushioning theory.
- Materials, Package forms & Shapes.
- Modern trends of Packaging Industry, Innovation and sustainable packaging.
- Global Scenario of Fragrances, Flavour and Cosmetic Packaging.
- Role of packaging on consumer buying behaviour.



- Introduction to fragrances flavours ingredients and production.
- Labelling of Fragrance Ingredients
- Fragrance Product is Regulated as a Cosmetic.
- Personal Care Fragrance and its packages.
- Industrial Packaging of Flavours, Fragrances and Cosmetics.
- Sustainable Packaging Material for Flavours, Fragrances & Cosmetics.
- New Solutions in Innovative Cosmetic Packaging.
- Advance design for fragrance bottle packaging.
- Formulation and Manufacturing Process of Cosmetics with Packaging.
- The Future of Innovative Cosmetics Packaging.
- Cosmetic Packaging - Suitable Materials for Cosmetic Containers.
- Packaging and labelling of Cosmetics.
- Packaging of Natural Flavour & Fragrance and its future trends.
- Printing and Package Design Innovation of Packaging material for FF&C.
- Benefits and different types of materials used in cosmetic tube packaging.
- Testing and Quality Evaluation of Packaging Materials.
- National and international Compliance / e-Packaging.
- Transport worthiness test for Packaging Materials.
- Post-consumer & waste management of Packaging Material.

FFDC, Kannauj



IIP, Lucknow



How to apply

For registration, please click below link or scan the QR code

<https://docs.google.com/forms/d/e/1FAIpQLSdlNTs-UgItzi1TtX6Cx-iz2x7hDUS5tPOMzcXmy5LuxztzhQ/viewform>



Payment mode

For payment scan the QR code or Online transfer and bank details are given below



Bank details

Name of Account Holder: FFDC
Banker: State Bank of India, Saraimeera, Kannauj
Current A/c No. : 10892289104
IFSC Code : SBIN0000664

After completing the course participants will be guided to visit Indian Institute of Packaging, Lucknow and FFDC, Kannauj along with Essential oil and attar Industrial exposure at kannauj.

Co-ordinator's

Gyanendra Singh, Scientific Officer, (Chem.)
Fragrance & Flavour Development Centre
Ministry of MSME, Govt. of India
G. T. Road, Makrand Nagar, Kannauj - 209 726
Mob. 9918219743,
E-mail : patharia.gyanendra@gmail.com.
Website : www.ffdcindia.org

Prof. (Dr.) Anshuman Srivastava,
Indian Institute of Packaging,
A-1 & A-2, Industrial Area,
Sarojini Nagar, Kanpur Road,
Lucknow - 226008
Mob. : 9919701625
E-mail : iiplucknow@iip-in.com



**"Empowering Innovation, Elevating Quality –
Your Journey to Expertise in Fragrance, Flavour & Cosmetics Packaging."**