

FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE,

(Ministry of MSME, Govt. of India)

Makrand Nagar, Kannauj-209726 (U.P.) Email: ffdcknj@gmail.com Web-site: - www.ffdcindia.org

Course Content

Training on

Comprehensive training programme covering all aspects of essential oil, fragrance & flavour industry

1. Duration :- Around three week (As per schedule on website www.ffdcindia.org)
2. Timing :- 10.00 AM to 5.00 PM
3. Venue :- (As per on website www.ffdcindia.org)
4. Intake :- 25 Participants
5. Fee :- (As per on website www.ffdcindia.org)
6. Eligibility :- 12th Pass out

Objective: - The course is designed for the participants to understand, know the various aspects of essential oil, fragrance & flavour industry including cultivation of some aromatic plants, distillation, value addition, quality assessment of essential oils, creation of fragrance & flavour. Also understand application and government policy framework to initiating small business.

Course Content:

- Global Scenario of Essential Oils & it's application.
- Cultivation practices of major aromatic and medicinal crops
- Rose, Matricaria, Geranium, Lavender, Patchouli, Japanese mint, Pepper mint, Spearmint, Basil, Citronella, Vetiver, Palmarosa & Lemongrass.
- Distillation of aromatic crops by field distillation unit
 - Principles, Processing & Techniques for essential oils like steam distillation, solvent extraction, reaction and Fractionation.
 - Practical demonstration of steam distillation on pilot scale.
 - Basics of fractional distillation as applied to essential oils like, lemongrass, citronella, palmarosa etc.
 - Practical demonstration of fractional distillation on pilot scale
- Value addition in essential oils like citronella, lemongrass, mint, basil e.t.c.
- Practical demonstration of value addition of some essential oils
- Fundamentals of processing for aroma chemicals. Practical demonstration of processing
- Basic principle and Practical demonstration of solvent extraction techniques.
 - a) Lab Scale
 - B) Pilot Scale
- Quality assessment of essential oils, aroma chemical using Physico-chemical and instrumental analysis using GLC, GC-MS Refractometer, Polarimeter etc.
- Classification, differentiation, memorization & recognition of odours
- Creation of flavour & fragrances
- Application of essential oils, fragrances & flavours in various products like agarbatti, Dhoopbatti, cream, shampoo, talcum powder.
- Policies of Govt. for the small scale industries.
- Various financial institutions, engaged in financing the small scale sector like
- Schedule Bank, State Financial Corpn., SIDBI, NABARD etc.
- Management aspects including financial and material Management of small scale sector & perfumery industries.
- Export policies & procedures for the essential oils & allied items.
 - a) Food Protection Act & Acts Governing & applicable in flavour items (FEMA).
 - b) Regulatory aspects related to fragrance and its raw materials (IFRA).
- Field visits of essential oils and attar manufacturing industries

How to apply: - Send your filled registration form along with one passport size photograph & identify certificate via e-mail (info@ffdcindia.org / ffdcknj@gmail.com)

Note: Fee can also be credited online on following details and copy of the bank receipt may be forwarded by E-mail for getting receipt of your credit.

Account no. : 10892289104

Name of account holder: - FFDC **Nature of account:** Current

Branch Name & Address: State Bank of India, Saraimeera, Kannauj

Branch Code: 00664 **IFSC code of Branch:** SBIN0000664 **MICR Code of Bank:** 209002001

OR

Fee can also be transferred online by clicking

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>

The Principal Director,

Fragrance & Flavour Development Centre, Min. of MSME, Govt. of India,

Makrand Nagar, Kannauj-209 726. Web-site – www.ffdcindia.org