

**FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE,**  
(Ministry of MSME, Govt. of India)  
Makrand Nagar, Kannauj-209726(U.P.) Email: [ffdcknj@gmail.com](mailto:ffdcknj@gmail.com)  
Web-site :- [www.ffdcindia.org](http://www.ffdcindia.org)

Course Content

**Training on  
Production of Fragrant raw materials and its value addition**

1. Duration :- One week (As per schedule on website [www.ffdcindia.org](http://www.ffdcindia.org))
2. Timing :- 10.00 AM to 5.00 PM
3. Venue :- (As per on website [www.ffdcindia.org](http://www.ffdcindia.org))
4. Intake :- 25 Participants
5. Fee :- (As per on website [www.ffdcindia.org](http://www.ffdcindia.org))
6. Eligibility :- 12<sup>th</sup> Pass out

**Objective:** - The course is designed for the participants to know about fragrance & flavour raw materials, value addition in essential oils using different technique as well as conversion of oils.

**Course Content:**

- Global Scenario of Essential oil fragrance & flavour
- Prospects of cultivation of important aromatic and medicinal crops.
- Principles, Processing & Techniques of Essential Oils.
- Pilot scale demonstration on steam distillation.
- Basics of fractional distillation as applied to essential oils like, mint, citronella.
- Practical demonstration of fractional distillation-
  - a) Lab-scale
  - b) Pilot scale
- Value addition in essential oils like Citronella, Lemongrass, Mint, Basil etc. & Practical demonstration of value addition in-
- Fundamentals of processing of aroma chemicals.
  - i) Practical demonstration of processing of –
    - a) Formates/acetates
    - b) Citronellal/Nitrile.
- Basic principle of solvent extraction techniques. Practical demonstration –
  - a) Lab scale
  - b) Pilot scale.
- Quality assessment of essential oils concerning physico-chemical & instrumental analysis.
- Fundamental of fragrance & flavours.

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