

**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.ffdckindia.org](http://www.ffdckindia.org)

**Course Content**

**Training on  
Production of fragrant raw materials and fragrance & flavour creation**

1. Duration :- 06<sup>th</sup> to 14<sup>th</sup> September, 2018
2. Timing :- 10.00 AM to 6.00 PM
3. Venue :- FFDC, Kannauj
4. Intake :- 22 Participants
5. Fee :- 16,500/- per participants
6. Eligibility :- 12<sup>th</sup> with well-versed in English

**Objective:** - The course is designed for the participants to know about Essential oil, fragrance & flavour industry. It covers cultivation techniques of some aromatic & medicinal crops, practical demonstration of distillation, fractionation & processing of aroma chemicals. It also includes quality assessment of essential oils and fragrance & flavour creation with its application to cosmetics and food products.

**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 essential oils.
- 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 creation methodology.
- Classification of odours.
- Familiarization with fragrant raw materials & Memorization of odours.
- Creation of fragrances & practical demonstration.
- Creation of flavours & its practical demonstration.
- Evaluation of fragrance / flavours so created.
- Application of fragrances & flavours.

**How to apply:** - Apply on plain paper indicating Name, Father's name, Date of birth, Qualification, Address for Correspondence, Category, Mobile no., Present area of working & its duration latest by **04.09.2018** (on first come & first serve basis) addressed to Principal Director, FFDC, Makrand Nagar, Kannauj- U.P.-209726 on [ffdcknj@gmail.com](mailto:ffdcknj@gmail.com) / [info@ffdckindia.org](mailto:info@ffdckindia.org)

**Fee:** - Rs. 16,500/- (Rs. Sixteen thousand on five hundred only)  
(Fee includes boarding & lodging)

**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, Saraimera, 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.com/prelogin/icollecthome.htm?corpID=367889>

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)

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