

**TRAINING CUM WORKSHOP ON ESSENTIAL OILS, PERFUMERY & AROMATHERAPY**  
From 13<sup>th</sup> - 17<sup>th</sup> June, 2016

Organized by:  
**FFDC, Kannauj and FRI, Dehradun**  
at  
**FOREST RESEARCH INSTITUTE,**  
New Forest, Dehradun-24006(UK)

(Please write in Capital Letters)

1. Dr./Mr./Mrs./Ms.: \_\_\_\_\_

2. Fathers Name: \_\_\_\_\_

3. Organization : \_\_\_\_\_

4. Date of Birth: \_\_\_\_\_

5. Qualification \_\_\_\_\_

6. Category:-SC/ST/OBC/PH/General: \_\_\_\_\_

7. Sex : M / F : \_\_\_\_\_ 8. Religion: \_\_\_\_\_

9. Mailing Address \_\_\_\_\_

10. Mobile No. \_\_\_\_\_

Registration Fee : Rs. 19,000/- participant

Draft No./Cheque / Online Transfer \_\_\_\_\_  
Dated: \_\_\_\_\_

Place : \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Participant

Send your application on or before 8<sup>th</sup> June, 2016 to:

**The Head, Chemistry Division,**  
Forest Research Institute, P.O.-New Forest,  
Dehradun (Uttanchal)-248006  
Phone: 0135-2224219, 9410548521, 9412973726  
E-mail:- [colourrakesh@gmail.com](mailto:colourrakesh@gmail.com)  
[ffdcknj@gmail.com](mailto:ffdcknj@gmail.com)

**TRAINING CUM WORKSHOP ON ESSENTIAL OILS, PERFUMERY & AROMATHERAPY**  
From 13<sup>th</sup> - 17<sup>th</sup> June, 2016

Organized by:



**FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE,**  
(An Autonomous Body under Ministry of MSME,  
Govt. of India) Kannauj (U.P.) and



**FOREST RESEARCH INSTITUTE**  
(Deemed University)  
(Indian Council of Forestry Research & Education)  
Ministry of Environment and Forests, Govt. of India)  
P.O. New Forest, Dehradun (Uttarakhand)  
at  
**FOREST RESEARCH INSTITUTE,**  
P.O. -New Forest, Dehradun (Uttarakhand) -248006

**Organizers:-**

**Local: Dr. V.K. Varshney**  
Head Chemistry Division,  
FRI, Dehradun-248006  
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**Nodal Officer:- Dr. Rakesh Kumar, Scientist-D**  
E-mail:- [colourrakesh@gmail.com](mailto:colourrakesh@gmail.com)  
Phone:-9412973726

**From FFDC, Kannauj :**

**Sh. A.P. Singh**  
Asstt. Director  
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**TOPICS TO BE COVERED DURING THE TECHNICAL SESSIONS:**

- Opportunities in Essential oils, Perfumery & Aromatherapy
- Basics of Essential Oils, Perfumery & Aromatherapy
- Sources, Prospects, Organic Cultivation and Economics of Essential Oils
- Aroma in Ayurveda
- Extraction Technology for Fragrant Raw Materials
- Value addition in Essential oils
- Quality Assessment of Essential oils
- Therapeutic & Perfumery Values of Aromatic Plants
- Methods of Clinical Trials on Aromatherapy--- Pharmacological Actions and Clinical Applications of Essential oils in Aromatherapy
- Techniques of Aromatherapy Massage for Beauty & Health Care
- Fundamentals of Perfumery & Olfaction Methodology
- Evolution of Perfumery & Aromatherapy
- Familiarization with Fragrant Raw Materials
- Safety and Regulatory Aspects of Perfumery and Aromatherapy
- Scientific Basis of Aromatherapy and Carrier Oils
- Techniques of Blending for Perfumery & Aromatherapy
- Practical Demonstrations on (i) Fragrance Creation, (ii) Essential oil Extraction, (iii) Aromatherapy Massage

## ABOUT THE PROGRAMME

Programme is designed to give an overview of educational, technological and commercial aspects of essential oils, fragrances & aromatherapy right from natural sources to application stage, including quality assessment, blending & processing technologies. This course will be beneficial for scientists/teachers, persons engaged in aromatic & medicinal plants activities, cosmetologists, aroma therapists, doctors, practitioners of alternative therapies, beauty experts, and **the entrepreneurs who are interested to enter this field**

## ABOUT THE ORGANIZERS

### 1. Fragrance and Flavor Development Centre (FFDC), Kannauj

FFDC is a Government of India autonomous body under Ministry of Micro, Small and Medium Enterprises (MSME), engaged in serving, promoting and developing the Indian MSME and the associated farmers in the field of essential oils, fragrances & flavours. The major activities of the centre include cultivation, processing, quality assessment & standardization of aromatic plants, development of fragrances & flavours and training on all aspects of essential oils, fragrances & flavours.



### 2. Forest Research Institute (FRI), Dehradun

FRI is the oldest and most prestigious institute of Indian Council of Forestry Research & Education (ICFRE), Dehradun, an autonomous council of Ministry of Environment & Forests, Govt. of India. The institute started as Imperial Forest Research Institute in 1906 for organizing and leading research activities in the Indian subcontinent, besides administering training to forest officers and forest rangers. Its history is synonymous with the evolution and development of scientific forestry not only in India, but in the entire region comprising south and Southeast Asia. Chemistry Division of FRI has been in the active service since its inception in 1906 to conduct research and development for promotion and utilization of aromatic plants in consonance with the industry and societal needs. Contributions include chemical analysis of aromatic plants, study of essential oils properties and constituents together with the development of suitable extraction methods on bench scale and pilot scale for their industrial utilization and value addition, and preparation of the Indian Standard Specifications of essential oils of lemon grass, eucalyptus, sandalwood, vetiver, cinnamomum leaf, camphor, clove, geranium, citronella, peppermint, palmarosa, gingergrass, rosin and turpentine.



**BOARDING & LODGING: Participants will be provided boarding and lodging at guest houses within the FRI campus.**

## REGISTRATION AND FEE:

Rs. 19,000/- (Nineteen thousand only) including lodging and boarding during the period as a demand draft/cheque in favour of Principal Director, Fragrance & Flavour Development Centre, payable at Kannauj. The fee includes, boarding, lodging, training kit containing Manual, pen, pad. Fee can also be credited online using 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 By SBI collect link on [www.onlinesbi.com](http://www.onlinesbi.com) by select state UP, Institution & Government Bodies**

**How to reach FRI, Dehradun:** Dehradun is well connected with road/rail to all parts of the country and can easily be traveled in a bus/rail or taxi from almost anywhere. Taxi service is available from all the places.

**Weather at Dehradun:-** Summer (March to June) have a maximum 56m temperature of 35 °C and a minimum of 17 °C.

Websites: FFDC: [www.ffdcindia.org](http://www.ffdcindia.org)  
FRI, Dehradun :- <http://fri.icfre.gov.in>