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 /Duration :- 10.00 AM to 5.00 PM (17 Nov to 2 Dec, 2016)
3. Venue   :- (FFDC, Kannauj)
4. Intake  :- 20 Participants
5. Fee   :- Rs. 24,000/-

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: - Apply on plain paper indicating Name, Father’s name, Date of birth, Qualification, Category, Mobile no., Present area of working & its duration addressed to Principal Director, FFDC, Makrand Nagar, Kannauj- U.P.-209726

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.

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
Account no.: 10892289104