

REPORT ON TRAINING CUM WORKSHOP ON “ESSENTIAL OILS, PERFUMERY & AROMATHERAPY” HELD ON JUNE 26-30, 2013 AT FRI, DEHRADUN

A 5 days Training cum Workshop on “Essential Oils, Perfumery & Aromatherapy” is organized by Chemistry Division, Forest Research Institute (FRI), Dehra Dun in collaboration with Fragrance and Flavour Development Centre (FFDC), Kannauj. All together 32 participants from diverse fields and different corners of India participated in the programme. The inaugural session and all technical session of the training were held in the Conference Hall of the National Forest Library & Information Centre, FRI. The *Training cum Workshop* was inaugurated by Dr. P.P. Bhojvaid, Director, FRI who presided over the function as Chief Guest. Addressing the gathering Dr. P.P. Bhojvaid, Chief Guest of the function highlighted the importance of essential oil and aroma chemicals in various arena of human life and their potential and prospect in industrial and commercial sector. Dr. Bhojvaid also underlined the strengths of FRI and FFDC and their collective efforts in developing and promoting the country’s aroma sector. He also emphasized the importance of such training programmes to cater the requirements of fragrance and flavour industry. Welcoming the dignitaries, participants, resource persons, Dr. Y.C. Tripathi, Head, Chemistry Division, FRI & Course Director highlighted the various aspect to be covered in training programme. Dr. Tripathi informed the gathering the course curriculum for the training has been designed to meet the expectation of diverse group of participants. Dr. S.K. Srivastava, Extension Officer from FFDC gave introduction regarding the activities of FFDC and informed about the aims and objectives of the programme along with the details of forthcoming technical sessions. The function ended with the vote of thanks proposed by Dr. V.K. Varshney, Scientist-F, Chemistry Division, FRI & Convener of the programme. The programme was anchored by Dr. Rashmi, Scientist, Chemistry Division, FRI. The Inaugural function was attended by Dr. A.S. Rawat, Group Coordinator (Research), all Heads of Divisions, FRI; Dean, FRI University, Faculty from FFDC, Kannauj and senior officer and scientists of the Institute.

The Training cum Workshop provided a detailed exposure towards fundamental and applied aspects of processing, quality assessment and therapeutic benefits of essential oils and their applications in perfumery and aromatherapy for advancements of scientific knowledge, skills and entrepreneurship of the participants through lectures and practical demonstrations by experts from aroma industry, scientists and practicing aroma therapists.

The entire training schedule was spread over six technical sessions comprising 23 lectures and 03 practical demonstrations in addition to plenary session. Shri S.V.

Shukla, Principal director, FFDC, Kannauj spoke on "Global scenario & market potential of essential oil, fragrance & flavour Industry, fundamental and applied aspects of perfumery including demonstration on blending of the essential oils" while Dr. R.K. Srivastava, Extension Officer, FFDC, Kannauj presented a detailed account of prospects & sources of essential oils in India followed by extraction of aromatic crops using various methods of distillation and also described therapeutic & perfumery values of aromatic plants. Potential and prospects of the aromatic plant sector in Uttarakhand was discussed by Shri Nirpendra Chauhan, Scientist In-charge, Centre of Aromatic Plants (CAP), Selaqui, Dehradun. Dr. Amit Pandey, Head, Forest Pathology Division, FRI talked about the fungi as unconventional source from production of fragrances.

Dr. Y.C. Tripathi, Head,, Chemistry Division, FRI gave an account of contemporary approach for production of essential oils while Dr. V.K. Varshney, Scientist, Chemistry Div., FRI discussed Processing and value addition of essential oils. Live demonstration on essential oil extraction on pilot scale and laboratory scale was made by Dr. Rakesh Kumar and Dr. Rashmi, Scientists, Chemistry Division, FRI. Principles and techniques employed in quality assessment of essential oils were elaborated followed by practical demonstration by Dr. Rakesh Kumar, Scientist, Chemistry Division. Characterization of essential oils by GC and GC-MS was explained by Dr. Vineet Kumar, Scientist, Chemistry Division and practically demonstrated by Shri P.K. Kukreti, Research Officer, Chemistry Division. Shri Dharamveer Kumboj, Yamunanagar, Haryana, a President awardee progressive farmer demonstrated using audio- visual aids his innovations and success stories pertaining to production of essential oils.

Principles and techniques used in aromatherapy followed by live demonstration of aromatherapy message, facial, etc. were presented by Dr. Kamal Saxena, clinical aromatherapist, Shri Gangaram Hospital, New Delhi. Shri Ramakant Harlalka, from Nishant Aromas, Mumbai discussed industrial innovations in perfumery & aromatherapy, and its relationship with Ayurveda.

On the last day i.e. June 30, 2013, a plenary session was held wherein queries raised by participants were clarified by the resource persons and participants shared their views and experiences about the training programme. Plenary session was followed by Valedictory function chaired by Dr. P.P. Bhojvaid, Director, FRI. At the outset Dr. Y.C. Tripathi welcomed the chair and everyone present on the occasion and given a brief report of the training. Addressing the gathering, Dr. Bhojvaid appreciated outcome of the training and emphasized to organize such programmes in future. The Chairman distributed certificates to all the participants. Dr. S.V. Shulka, Principal Director, FFDC also expressed his views about the training programme. The session was ended with vote of thanks proposed by Dr. V.K. Varshney.

PHOTO GALLERY



Dr. P.P. Bhojvaid, Director, FRI and Chief Guest lighting the lamp



Dr. P.P. Bhojvaid, Director, FRI delivering Inaugural Speech

GLIMPSES OF INAUGURAL SESSION



TECHNICAL SESSIONS



PRACTICAL DEMONSTRATION

ESSENTIAL OIL EXTRACTION



AROMATHERAPY MASSAGE & FACIAL



GLIMPSES OF VALEDICTORY FUNCTION

