

## Important Dates:

Training program dates: **27<sup>th</sup> February 2023 – 03<sup>rd</sup> March 2023**

Last date for online application submission: **06<sup>th</sup> Feb 2023**

### Aim of the training program

India is sitting on the goldmine of well-recorded and well-practiced knowledge of traditional herbal medicine and it has a rich heritage of medicinal plants (more than 8,000 medicinal plant species). Therefore, there is a great need to understand the process of herbal product development and the technologies used for this purpose. These five days training program will help the NGO/STARTUPS/MSMES/SHGs/FPOs. ENTREPRENEURES to understand the basic concept of utilization of offered flowers in various products like incense sticks and fragrant cones and also making of scientifically developed herbal products (End to End) technologies made from herbal and essential oils.

### CONTACTUS

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### More about training program

Training on E-SDP through Medicinal and Aromatic plants and its value-added products will be provided through interactive sessions of different techniques and experiments by the scientists/Technical staff of CSIR-CIMAP.

Mode of training program	:	off-line
Duration	:	05Days
Seats	:	20(First come, first servedbasis)
Mode of Selection	:	Through Online/offline interview (MS Team Link will be shared on registered email Id)
Mode ofRegistration	:	Interested candidates have to submit the Registration Form Click Here <a href="https://forms.gle/oC3Dezfxdf1L5oVk8">https://forms.gle/oC3Dezfxdf1L5oVk8</a>



## Training on E-SDP through Medicinal and Aromatic plants and its value-added products



27<sup>th</sup> February – 03<sup>rd</sup> March, 2023

Sponsored by

Ministry of MSME, Nirman Bhawan, New Delhi

Organized By  
CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow



**REGISTRATION**

Click the link to Register

<https://forms.gle/oC3Dezfxdf1L5oVk8>



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**Organized by: CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow**

CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Central Institute of Medicinal and Aromatic Plants (CIMAP) is a premier multidisciplinary research institutes under the aegis of CSIR, Govt. of India with its major focus on exploiting of medicinal and aromatic plants (MAPs) by cultivation, bioprospection, chemical characterisation, standardisation of extracts and formulation of bioactive Phyto molecules. Furthermore, intended to catalyse the start-up culture and build a strong and inclusive ecosystem for innovation and entrepreneurs in India. **CIMAP has been established Good Manufacturing Practices (GMP) certified facility namely “Technology Business Incubation Centre (TBIC)” facility to support/promoting the start-ups/NGO/MSMEs to make them as a self-reliant and sustainable.** Which having licensed for manufacturing of Herbal formulations by Ayush license from Govt. of Uttar Pradesh. **TBIC can support the start-ups in respect of manufacturing the herbal products for a period of one year for market seeding upon transfer of technologies from CSIR-CIMAP.**

**About Technology: Making of Incense sticks by using offered flowers:**

India has the tradition of offering flowers, leaves, and fragrant smoke to the Gods and Goddesses at places of worship. However, all these offered flowers become sacrosanct and disposed in and around the places of worship or thrown in the river to maintain their sacredness. Air pollution due to the burning of incense sticks and soil and water pollution due to improper disposal of the flower waste are raising concerns for health-related issues. Looking at the problems of the massive amount of offered flowers at the places of worship and toxicity of smoke of the charcoal-based common incense sticks, CSIR-CIMAP, Lucknow developed an innovative technology for making incense sticks and fragrant cones using offered flowers and leaves to reduce the environmental pollution in and around the places of worship. These incense sticks have also been found safe in terms of smoke inhalation based on smoke toxicity studies done by CSIR-Indian Institute of Toxicology Research (IITR), Lucknow, India, and heavy metal toxicity in ash content by CSIR- CIMAP Lucknow.

**Competitive Advantages of the technology:**

This technology helped us to maintain our ideology of making “Eco-Friendly” & “Chemical Free Products”. The proper utilization of offered flowers from the places of worship can be considered an innovative technology to recycle the bio-resources into value-added products and minimize waste and reduce environmental pollution with the generation of employment opportunities for rural women and unemployed youth. **This technology is also strengthening Swatch Bharath Mission, Skill India Mission and Atmanirbhar Bharat Mission Programs.**



**FloMop - Aromatic insect repellent floor mopping formulation**

**Utility** - FloMop is a herbal insect repellent floor mopping formulation for day to day use. It removes dirt and repels most of the household insects leaving behind a pleasant lemon fresh aroma.

**Potential Users** - Home care product for general use in the houses.

**USP of the products**

- Essential oil based natural insect repellent formulation
- Phenol free, fragrant formulation for cleaning the surface
- Helps prevents illness and diseases caused by household insects
- Easy to use concentrated solution
- Safe, environment friendly product



**Mos-Ex - Mosquito repellent body lotion**

**Utility of the product**

Mos-Ex is a mosquito repellent body lotion made from plant based ingredients which also works as skin softener.

**Potential Users** - Mosquito repellent product for general use.

**USP of the product**

- Herbal mosquito repellent formulation in the form of body lot
- Helps in protecting against diseases caused by mosquito bites
- It can be used indoors as well as outdoors
- It also works as skin softener
- The product is safe, bio-degradable and eco-friendly with no side effects.



**Skin Gel - a natural skin care formulation**

**Utility**

Skin gel is a multifunctional skin care herbal formulation that helps in maintaining skin hydration. This natural product protects from sunburn and has excellent sun protection properties.

**Potential users** - For individuals of all age groups

**USP of the product**

- Provides efficient moisturization and nourishment to the skin
- Protects the skin from sunburn, sun tanning and free radical damage
- Minimizes fine lines
- The gel is non toxic, safe to use with no side-effects

