



# CULTIVATION AND POST-HARVEST PROCESSING OF AROMATIC CROPS

## CSIR-Central Institute of Medicinal and Aromatic Plants BROCHURE

CSIR-CIMAP is a national R&D Laboratory of CSIR having a unique research mandate on medicinal and aromatic plants (MAPs) for the industry and society. CIMAP is steering multidisciplinary high quality research in biological and chemical sciences and extending technologies and services to the farmers and entrepreneurs of medicinal and aromatic plants (MAPs) with its research headquarter at Lucknow (Uttar Pradesh) and Research Centres at Bangalore (Karnataka), Hyderabad (Telangana), Pantnagar and Purara (Uttarakhand). CIMAP is equipping the nation with high-tech agriculture linked to industrial processing of MAPs. CIMAP is equipped with state-of-the-art multidisciplinary laboratories, ultra-modern instrumentation facilities and scientific expertise in agriculture, genetics and plant breeding, molecular taxonomy, molecular and structural biology, plant biotechnology, biochemistry, microbiology, and chemical sciences, apart from development of herbal products.

<b>Title of the Course</b>	:	Certificate course on Cultivation and post-harvest processing of aromatic crops.
<b>Duration</b>	:	12 weeks (3 months)
<b>No. of Seats</b>	:	40 (50% from rural & 50% from urban).
<b>Educational Qualification</b>	:	10 <sup>th</sup> Pass + 2, Intermediate in Agriculture pass or fail
<b>Age group</b>	:	18-50 years (relaxation for SC/St/OBC as per Govt. rules)
<b>Date of commencement</b>	:	23 <sup>rd</sup> October 2017
<b>Venue of the course</b>	:	CSIR-CIMAP, Kukrail, Picnic Spot, Lucknow
<b>Course fee</b>	:	Rs. 3000/- for self sponsored Rs. 5000/- for industry/ NGO sponsored
<b>Residential/Non residential</b>	:	Non – residential
<b>Contact Person</b>	:	Dr Saudan Singh (0522-2718629)

**Training for whom:** The programme targets to provide training for the youth (in particular high/higher school/Agriculture dropout) in both fundamental and applied aspects of agro and post harvest practices of medicinal plants.

**Management and faculty:** Faculty for the course is drawn from the vast expertise of CSIR-CIMAP and more importantly few faculties would be co – opted from the branded industries and bankers. CSIR-CIMAP has a well-knit management structure of the lines of all CSIR laboratories. A dedicated skill Development Group of seminar and Training section in CSIR-CIMAP provides the necessary support to these training courses.

**Selection Procedure:** Depending on the number of applicants, the selection mode will comprise of suitable entrance tests and / or interviews. The entrance examination is intended to judge the general aptitude of the candidates.

**Methods of instruction:** In the training, participants will be well trained on theory and practical aspects of the cultivation and processing of medicinal plants, hands on training will have potential employment opportunities, will acquire adequate expertise to start their own farming and will be referred for suitable placements in agri- industries as skilled labour. Medium of instruction will be in Hindi.

**Sponsorship:** Established industrial sectors are welcomed to sponsor candidates of their interest. In the selection modality, a special weightage will be provided to the candidates sponsored by established industries and non-profit making social organizations.

### **SALIENT FEATURES OF THE TRAINING**

- 50% Theory and 50% practical sessions as per the course curriculum
- Tutorials (personal attention)
- Lectures, assisted with multimedia aids
- Few faculty from branded industries
- Case studies
- Group discussions
- Hands - on – practical experience on the state – of - the – art equipment / machinery
- Industrial visit
- Have overall knowledge about medicinal crops.
- Assignments
- Potential placements and good demand in the agri- business.

**EVALUATION OF TRAINEES:** Evaluation will consist of the following components

#### **Theory Course**

- (a) Continuous assessment through assignments (40%)
- (b) Mid Term and final examination (60%)

#### **Practical Course**

- (a) Guided Experiments (30%)
- (b) Unguided Experiments (70%)

**CERTIFICATION :** A Certificate will be issued to the successful candidates.



*For further information please contact :*

**Director,**

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