

### Important Dates

Last date for submission of application : 26.10.2018  
Intimation to the selected candidates : 3.11.2018,  
The wait listed candidates : 6.11.2018

### REGISTRATION FORM

(ICAR Sponsored Training Programme under CAFT  
on Conservation and Utilization of plant genetic resources  
in medicinal and aromatic plants )

1	Full name (in block letters)	
2	Designation	
3	Present employer and address	
4	Address to which reply should be sent (in block letters)	
5	Please give telephone and fax numbers, email address	
6	Date of birth	
7	Sex : Male/ Female	
8	Marital status : Married/ Unmarried	
9	Teaching/ research/ professional experience (mention the post held during last five years with publications (Please attach additional sheets if necessary)	

#### 10. Academic Record

Degree	Discipline	Year	Class, Ranks, distinctions etc	University or Institute

11. Postal order/DD for Rs. 50/- (in favour of Comptroller, UHS Bagalkot) towards registration (non- refundable)

Postal order / DD No. \_\_\_\_\_ Dated \_\_\_\_\_

Signature of the applicant

12. Recommendation of sponsoring authority:

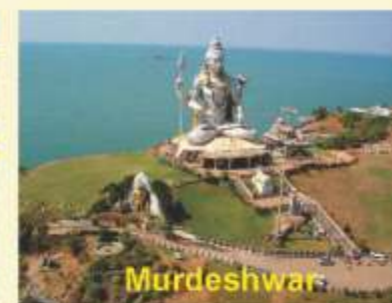
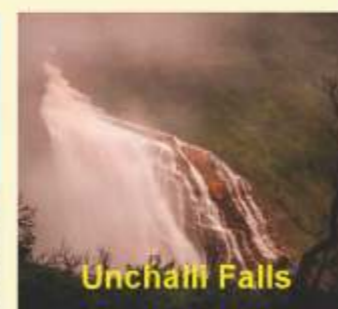
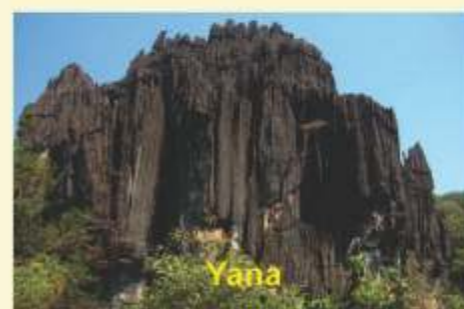
### CERTIFICATE

This is to certify that the information furnished by the applicant was checked with office record and was found correct.

Signature and designation of the sponsoring authority

Note : typed copies of application may be used.

### UHS, Bagalkot



Address for correspondence

**Dr. Laxminarayan Hegde**

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### Training Programme under CAFT on

Conservation and Utilization of plant genetic  
resources in medicinal and aromatic plants

3<sup>rd</sup> December – 23<sup>rd</sup> December, 2018



Course Director  
**Dr. K.M. Indires**  
Registrar, UHS, Bagalkot

Nodal Officer  
**Dr. S. I. Athani,**  
Dean, College of Horticulture, Sirsi

Course Co-ordinator  
**Dr. Laxminarayan Hegde**  
Prof. (Farms), HREC, Sirsi

Associate Co-ordinator  
**Dr. N. K. Hegde**  
Prof. & Head, Dept. of PMA, CoH, Sirsi

Sponsored by  
Education Division  
**Indian Council of Agricultural Research, New Delhi**

Organized by  
**College of Horticulture,**  
(UHS, Bagalkot), Sirsi - Karnataka

### Background

Medicinal and aromatic plants constitute an important group among the economic plants. They have been used since ancient times. Countries such as China and India have old tradition of plant remedies dating back to 5000–4000 B.C. India, with its diverse agro-climatic conditions and regional topography, has been considered as the treasure house or botanical garden of plant genetic resources. Hence, India is recognized as one of the world's top 12 mega diversity nations. Our herbal wealth constitutes more than 8,000 species and accounts for around 50 % of all higher flowering plant species of India; around 70 % of the medicinal plants in the country are spread across the tropical forests of Western Ghats. However, available information shows that 1,800 species are used in Classical Indian systems of medicines. Ayurveda uses 1,200, Siddha -900, Unani -700, Amchi -600, Tibetan-450. The emerging field of herbal products industry holds a great potential to the economic development of the Indian region. Usage of herbs as a source of food, medicine, fragrance, flavour, dyes and other items in Indian systems of medicine is in increasing trend. It is estimated that, 95 % of the medicinal plants used in Indian herbal industry today are collected from wild. About half a million tonnes of dry material is collected through destructive means indiscriminately and 1.65 lakh ha. of forest is cleaned and felled each year. With the increase in population, rapid expansion of area under food and commercial crops, deforestation, extension of urban area, establishment of industries in rural areas, etc., there is considerable depletion of plant genetic resources wealth, many of them being in the process of extinction day by day.

### Purpose and objective

The objective of organizing this training programme is to sensitize and impart training to the researchers, teachers and extension specialists in conservation, production and utilization of medicinal, aromatic and dye yielding crops to update them with the latest developments and research findings in this area. It would provide a common platform to the participants for interaction, exchange and share their experiences as well as to develop inter-institutional linkages on the subject.

### Course content

The course will cover various aspects on the diversity of medicinal and aromatic plants and their importance in commercial production, plant protection measures and processing technologies to prepare value

added products, role of various biotechnological and physiological tools to improve the quality of these crops. Field visits, participants, farmers and experts' interaction and group discussion will be important features of the course.

### Duration and venue

This course of 21 working days duration will be offered during 3<sup>rd</sup> December – 23<sup>rd</sup> December, 2018. The participants are expected to arrive latest by evening of 2<sup>nd</sup> December, 2018 and can leave after 5.0 pm on the last day of the programme. The course will be held at the College of Horticulture, Sirsi, Uttara Kannada, Karnataka. The college of Horticulture is located 3 km from Sirsi town on Sirsi Banavasi Road.

Sirsi is a mountain town which is surrounded by lush green forest and the region is popular for a large number of waterfalls. Sirsi has an average elevation of 1936 feet, and is situated in the heart of the Western Ghats. River Aghanashini takes birth from a place near Sirsi called "Donihalla" and flows towards the Arabian Sea in the West. The river also creates many waterfalls along its path. Sirsi is famous for the Sri Marikamba temple, built in the year 1688. The famous fair 'Marikamba Jaathre', honoring the Goddess Marikamba is held by the temple authorities once in two years. This fair attracts thousands of people.

There are several waterfalls nearby Sirsi that attract tourists all over the country. Apart from World famous Jog falls, Unchalli falls, Magod falls, Shivganga falls and Sathoddi falls, etc. Yana is a unique place famous for two massive rock outcrops known as the Bhairaveshwara Shikhara (hill) (120 m in height) and the Mohini Shikhara (90 m in height). The huge rocks are composed of solid black, crystalline karst limestone. Apart from these Om beach and Murudeshwar are other latest attraction for tourists.

### Eligibility for participation

The entry and middle level scientists/Associate Professors /Assistant Professors/ SMS and above working in ICAR Institutes/ SAUs/ CAUs/ Agricultural faculty of BHU, AMU, Vishwa Bharati, Nagaland University and SMS of KVKs can apply for this course. The participants must have a Master's degree in Horticulture/Agricultural Engineering/ Home Science/Food Technology/ Entomology/Plant Pathology/Plant Physiology/ Plant Biotechnology/Plant

Biochemistry/Genetics and Plant Breeding/Extension Education and other allied related subjects of horticultural and agricultural science. The total number of participants will be 25 including the internal institute's candidates.

### How to apply for participation

Interested candidates are advised to apply in the prescribed format duly forwarded by the competent authority of the sponsoring University/ Institute and upload softcopy on Indian Council of Agricultural Research CBP portal site (<http://proj.iasri.res.in/cbp>, <http://cbp.icar.gov.in>, Course Director's and a hard copy of application along with a registration fee by post on the address given in course brochure so as to reach on or before 26<sup>th</sup> October 2018. Selected candidates will be informed through their e-mail one week after last date of the receipt of nominations.

### Course Fee, Travel and Accommodation

There is no course fee, however a non refundable registration fee of Rs. 50/- (Rupees Fifty only) is to be paid by Indian Postal Order/DD drawn in favour of the comptroller, UHS Bagalkot payable at Bagalkot. The boarding and lodging facilities will be provided free of cost to the outside participants of training programme in the organizing Institutes Guest House and the local participants will be provided lunch and inter-session tea only. The travel expenses to the participants will be reimbursed on successful completion of the course as per their entitlement (maximum to 2<sup>nd</sup> AC train fare) or public sector bus service only through the shortest route on production of the tickets/documentary proofs of journey. Participants are requested to send their travel plan in advance.

### How to Reach ?

Sirsi is a town in the Uttara Kannada district in Karnataka. Hubli Airport is the nearest airport that connects Sirsi to major Indian cities. It is situated at a distance of about 89 km from Sirsi. Dabolim Goa International Airport is the nearest international airport, located at a distance of 117 km from Sirsi town. The nearest railway stations are at Talguppa (54km), Kumta (62km) and Hubli (100km) junction from Sirsi town. The state corporation has a network of buses to all major cities and towns in Karnataka, Maharashtra and Goa.